

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 10-K

(Mark One)

- ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934
FOR THE FISCAL YEAR ENDED DECEMBER 31, 2021
or
 TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934
FOR THE TRANSITION PERIOD FROM TO

Commission file number: 001-35479

MRC GLOBAL INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or Other Jurisdiction of
Incorporation or Organization)

1301 McKinney Street, Suite 2300
Houston, Texas
(Address of Principal Executive Offices)

20-5956993
(I.R.S. Employer
Identification No.)

77010
(Zip Code)

(877) 294-7574

(Registrant's Telephone Number, including Area Code)
Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading symbol(s)	Name of each exchange on which registered
Common Stock	MRC	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None
(Title of class)

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large Accelerated Filer Accelerated filer
Non-accelerated filer Smaller reporting company
Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 USC. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. Yes No

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

The Company's common stock is listed on the New York Stock Exchange under the symbol "MRC". The aggregate market value of voting common stock held by non-affiliates was \$777 million as of the close of trading as reported on the New York Stock Exchange on June 30, 2021. There were 83,200,480 shares of the registrant's common stock (excluding 119,782 unvested restricted shares), par value \$0.01 per share, issued and outstanding as of February 9, 2022.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's proxy statement relating to the 2022 Annual Meeting of Stockholders, to be filed within 120 days of the end of the fiscal year covered by this report, are incorporated by reference into Part III of this Annual Report on Form 10-K.



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PART I

Unless otherwise indicated or the context otherwise requires, all references to the “Company,” “MRC Global,” “MRC,” “we,” “us,” “our” and the “registrant” refer to MRC Global Inc. and its consolidated subsidiaries.

ITEM 1. BUSINESS

General

We are the leading global distributor of pipe, valves and fittings (“PVF”) and other infrastructure products and services to diversified energy, industrial and gas utility end-markets. We provide innovative supply chain solutions, technical product expertise and a robust digital platform to customers globally through our leading position across each of our diversified end-markets including the following sectors:

- gas utilities (storage and distribution of natural gas)
- downstream, industrial and energy transition (crude oil refining, petrochemical and chemical processing, general industrials and energy transition projects)
- upstream production (exploration, production and extraction of underground oil and gas)
- midstream pipeline (gathering, processing and transmission of oil and gas)

We offer over 250,000 SKUs, including an extensive array of PVF, oilfield supply, valve automation and modification, measurement, instrumentation and other general and specialty products from our global network of over 10,000 suppliers. With over 100 years of experience, we serve approximately 10,000 customers through digital commerce applications and approximately 210 service locations including regional distribution centers, service centers, corporate offices and third party pipe yards, where we often deploy pipe near customer locations.

Our customers use the PVF and other infrastructure products that we supply in mission critical process applications that require us to provide a high degree of product knowledge, technical expertise and comprehensive value-added services to our customers. We seek to provide best-in-class service and a one-stop shop for our customers by satisfying the most complex, multi-site needs of many of the largest companies in energy, industrial and gas utility sectors as their primary PVF supplier. We believe the critical role we play in our customers’ supply chain, together with our extensive product and service offerings, broad global presence, customer-linked scalable information systems and efficient distribution capabilities, serve to solidify our long-standing customer relationships and drive our growth. As a result, we have an average relationship of over 25 years with our 25 largest customers.

We have made significant strides in increasing the diversification of our end markets over the last few years supporting not only the energy transition but other industrial end markets. Our gas utility business, generating \$1 billion in revenue, had the most significant contribution to our revenue improvement in 2021. This business, which is largely independent of oil and gas commodity prices, continues to be our largest sector. Our largest customers are among the leading investors in energy transition projects. As they further rebalance their capital investment away from traditional, carbon-based energy toward alternative sources, we expect to continue to supply them and enhance our product and service offerings to support their changing requirements, including in areas such as carbon capture, utilization and storage, biofuels and offshore wind.

MRC Global Inc. was incorporated in Delaware on November 20, 2006. Our principal executive office is located at 1301 McKinney Street, Suite 2300, Houston, Texas 77010. Our telephone number is (877) 294-7574. Our website address is www.mrcglobal.com. Information contained on our website is expressly not incorporated by reference into this document.

Business Strategy

As a distributor of PVF and other infrastructure products to diversified energy, industrial and gas utility sectors, our strategy is focused on growth, margin enhancement and the development of long-term customer relationships. Our strategic objectives are to:

- increase our market share by executing preferred supplier contracts with new and existing customers, maintaining a focus on our managed and targeted growth accounts,
- enhance our product and service offerings around our core PVF distribution offerings as well as complementary products,
- extend our global platform to major gas utilities, energy and industrial companies that utilize PVF,
- provide our products and services to companies engaged in the energy transition,
- invest in technology systems and distribution warehouse infrastructure to achieve improved operational excellence,
- continue our penetration of electronic interaction with our customers through e-commerce,
- safely and sustainably increase our efficiency and lower our cost to serve to enhance our margins,
- maintain superior customer service, and
- optimize our working capital.

We believe that preferred supplier agreements allow us to better serve our customers' needs and provide customers with a global platform in which to procure their products. The agreements vary by customer; however, in most cases, we are the preferred supplier, and while there are no minimum purchase requirements, we generally have a larger proportion of the customer's spending in our product categories when we enter into these agreements.

We strive to add scope to these arrangements in various ways including adding customer locations, product lines, inventory management and inventory logistics.

We conduct detailed account planning and educate potential customers on the offerings and logistics services we provide. In addition, through digital system integration with our customers and suppliers, we believe transactions with our customers can be more streamlined.

Our approach to expanding existing markets and accessing new markets is multifaceted. We seek to optimize our geographic footprint, pursue strategic acquisitions and organic investments and cultivate relationships with our existing customer base. We work with our customers to develop innovative supply chain solutions that enable us to consistently deliver the high-quality products that our customers need when they need them. By being a consistent and reliable supplier, we are able to maintain and grow our market share with both new and existing customers.

We maintain a diverse universe of suppliers that allows us to strategically partner with the largest manufacturers of the products we distribute while simultaneously providing our customers access to alternative sources of supply and high-quality products across the entire spectrum of their PVF needs. We continually broaden our product and service offerings and supplier base. Product expansion opportunities include alloy, chrome, stainless products, gaskets, seals, products that prevent the unwanted emission of greenhouse gases, such as methane, and other industrial supply products. We remain focused on products and value-added services such as valves, valve automation and modification, measurement and instrumentation, as well as, high alloy products that command higher margins.

Although we have not been active with acquisitions in recent years, our acquisition strategy is focused on those businesses that:

- can increase scale, especially with respect to purchasing and breadth of supply for our customers,
- result in efficiencies in providing our products and services that can reduce the cost to serve our customers,
- add services or technology that complement our product offerings,
- optimize our geographic footprint to serve energy, industrial or gas utility intensive regions that provide accretive profit opportunities, expand our product and service offerings, adding breadth and depth to our existing product offerings, such as valves, complementing our existing
- product offerings such as related measurement and instrumentation products or products that control the unwanted discharge of greenhouse gases like methane, or
- expand our product and service offerings to new end use sectors.

Where suitable acquisition opportunities are not available in the market, we may choose to grow through organic investment in the current markets we serve or consider expanding into markets that we do not currently serve to further diversify our revenue stream.

We invest in information technology ("IT") systems and service center infrastructure to achieve improved operational excellence and customer service. Our concept of operational excellence leverages standardized business processes to deliver top tier safety performance, a consistent customer experience and a lower overall cost to serve. Our digital transformation strategy is a key component of operational excellence and is designed to add further differentiation to our product and service offerings with an objective to maintain and grow our business with new and existing customers. We continue to develop our digital commerce platform, MRCGO™. From this single portal, our customers have the ability to shop for material, track and expedite orders, research payment options, search for documents and receive support from MRC Global representatives. Through this platform we are able to enhance the customer experience through a broad array of customized digital services while simultaneously lowering our cost to serve by centralizing customer service resources, expanding customer self-service capabilities and routing a greater volume of our business through the regional distribution center ("RDC") fulfillment model. Where practical and cost effective, we are delivering directly from our RDCs to the customer delivery location, supporting our efforts to consolidate inventory and increase working capital efficiency. Globally, over the last twelve months, 42% of our revenue was generated through e-commerce channels.

Operations

Our distribution network extends throughout the world with a presence in all major oil and natural gas providing regions in the U.S. and western Canada, as well as Europe, Asia, Australasia, and the Middle East. Many of these locations are also strategically located to service gas utilities and industrial customers. Our business is segregated into three geographical operating segments: U.S., Canada and International. These segments represent our business of providing PVF and other infrastructure products and services to the sectors that we serve. Financial information regarding our reportable segments appears in “Item 7—Management’s Discussion and Analysis of Financial Condition and Results of Operations” and in Note 15 of the Notes to the Consolidated Financial Statements included in Item 8 of this Form 10-K.

Safety. In our business, safety is of paramount importance to us and to our customers. Unsafe conditions can cause or contribute to injuries, deaths, property damage and pollution that, in turn, can create significant liabilities for which insurance may not always be sufficient. We are also subject to many safety regulatory standards such as those standards that the U.S. Occupational Health and Safety Administration (“OSHA”), the U.S. Environmental Protection Agency (“EPA”) and the U.S. Department of Transportation or state or foreign agencies of a similar nature may impose and enforce upon us. Failure to meet those standards can result in fines, penalties or agency actions that can impose additional costs upon our business. For all of these reasons, we and our customers demand high safety standards and practices to prevent the occurrence of unsafe conditions and any resulting harm. Our operations, therefore, focus on the safety of our employees and those with whom we do business. Our safety programs are designed to focus on the highest likely safety risks in our business and to build a culture of safe practices and continuous safety improvement for our employees, our customers and others with whom we do business or otherwise come into contact.

Among other safety measures, we track our total recordable incident rate (“TRIR”) and our lost work-day rate (“LWDR”), both per 200,000 hours worked. Our TRIR was 1.09 in 2021. This compares favorably to the 2020 U.S. Bureau of Labor Statistics (“BLS”) average of 3.5 for wholesalers of metal products. Our LWDR was 0.48 in 2021. This also compares favorably to the BLS average of 2.3 for wholesalers of metal products. In addition, our recordable vehicle incident rate (“RVIR”) has also remained low at 0.39 compared to a peer group average of 1.94 based on the most recent survey that the National Association of Wholesaler Distributors compiled of its members with excess of \$1 billion in annual revenue.

Products: We distribute a complete line of PVF products, primarily used in gas utilities and energy and industrial infrastructure applications. The products we distribute are used in the construction, maintenance, repair and overhaul of equipment used in extreme operating conditions such as high pressure, high/low temperatures and highly corrosive and abrasive environments. We are required to carry significant amounts of inventory to meet the rapid delivery, often same day, requirements of our customers. The breadth and depth of our product and service offerings and our extensive global presence allow us to provide high levels of service to our customers. Due to our broad inventory coverage, we are able to fulfill more orders more quickly, including those with lower volume and specialty items, than we would be able to if we operated on a smaller scale or only at a local or regional level. Key product types are described below:

- *Valves, Automation, Modification, Measurement and Instrumentation.* Our product offering includes ball, butterfly, gate, globe, check, diaphragm, needle and plug valves, which are manufactured from cast steel, stainless/alloy steel, forged steel, carbon steel or cast and ductile iron. Valves are generally used in energy and industrial applications to control direction, velocity and pressure of fluids and gases within transmission networks. Other products include lined corrosion resistant piping systems, control valves, valve automation and top work components used for regulating flow and on/off service, measurement products and a wide range of steam and instrumentation products. In addition, we offer a full range of valve modification services to meet customer requirements including valve control extensions, welding, hydrotesting, painting, coating, x-raying and actuation assembly.
- *Carbon Steel Fittings and Flanges.* Carbon steel fittings and flanges include carbon weld fittings, flanges and piping components used primarily to connect piping and valve systems for the transmission of various liquids and gases. Customers use these products across all the industries in which we operate.
- *Stainless Steel and Alloy Fittings, Flanges and Pipe.* Stainless steel and alloy pipe and fittings include stainless, alloy and corrosion resistant pipe, tubing, fittings and flanges. These are used most often in the chemical, refining and power generation industries but are used across all of the sectors in which we operate. Customers principally use alloy products in high-pressure, high-temperature and high-corrosion applications typically seen in process piping applications.
- *Gas Products.* Natural gas distribution products include risers, meters, polyethylene pipe and fittings and various other components and industrial supplies used primarily in the distribution of natural gas to residential and commercial customers.
- *Line Pipe.* Customers typically use carbon line pipe in high-yield, high-stress and abrasive applications such as the gathering and transmission of oil, natural gas and natural gas liquids (“NGL”).
- *General Products.* General includes oilfield supplies and other industrial products such as mill, tool and safety and electrical supplies. We offer a comprehensive range of oilfield and industrial supplies and completion equipment, including high density polyethylene pipe, fittings and rods. Additionally, we can supply a wide range of specialized production equipment including tanks and separators used in our upstream production sector.

Services: We provide our customers with a comprehensive array of services which we believe result in deeply integrated customer relationships, such as the following:

- product testing
- manufacturer assessments
- multiple daily deliveries
- volume purchasing
- inventory and zone store management and warehousing
- technical support
- training
- just-in-time delivery
- on-site commissioning
- truck stocking
- order consolidation
- product tagging and system interfaces customized to customer
- supplier specifications for tracking and replenishing inventory
- engineering of control packages
- valve inspection and repair
- product expediting, tracking and tracing
- documentation services, including material test records, assembly drawings and data sheets
- pressure testing

Our self-service portal and system interfaces facilitate digital transaction exchange between our customers' and our proprietary IT systems. This allows us to interface with our customers' IT systems with cross-referenced part numbers, customized pricing, customized business to business processes, streamlining the order to cash process making it easier and more efficient to purchase our products. Such services strengthen our position with customers as we become more integrated into their supply chain and we are able to market a "total transaction value" solution rather than individual products.

We continue to invest in and expand our comprehensive IT systems. In North America, we operate an enterprise resource planning ("ERP") system, enhanced with differentiating distribution and service functionality. In 2017, we completed the transition of our International business to a single ERP platform. These systems, which provide for customer and supplier digital integrations optimizing business to business processes, information exchange and e-commerce applications, including our MRCGO™ platform, further strengthen our ability to provide high levels of service to our customers. Our highly specialized implementation group focuses on the integration of our information systems and implementation of improved business processes with customers during the initiation phase. By maintaining a specialized team, we are able to utilize best practices to implement our technology systems and processes, thereby providing solutions to customers in a more organized, efficient and effective manner. This approach is valuable to large, multi-location customers who have demanding service requirements.

As major gas utilities, along with integrated and large independent energy companies have implemented efficiency initiatives to focus on their core business, many of these companies have begun outsourcing certain of their procurement and inventory management requirements. In response to these initiatives and to satisfy customer service requirements, we offer integrated supply services to customers who wish to outsource all or a part of the administrative burden associated with sourcing and managing PVF and other related products. In integrated supply relationships, we offer electronic catalog service through MRCGO™ and often have MRC Global employees on-site full-time at many customer locations. Our integrated supply group offers procurement-related services, physical warehousing services, product quality assurance and inventory ownership and analysis services.

For years, in our valve engineering centers, we have designed and constructed assemblies that combine actuators with the valves we sell. In addition, in 2019 we opened a valve engineering and modification center in La Porte, Texas that provides services, primarily to our midstream pipeline customers. At this facility, we modify valves for customer requirements, weld segments of pipe to the intake/outtake openings of large pipeline valves, add extensions to the valve controls while installing actuators to the valve, hydrotest the valves, paint or coat the valves, x-ray the welds and deliver complete valve/actuation assemblies to our customers for field installations.

We provide customers with our ValidTorque™ service, whereby we utilize specialized test benches to provide customers with data on the operating characteristics of their valves and actuators. In addition, we have a FastTrack™ service that we provide customers, whereby we supply specified classes of actuated valves in short delivery windows.

Suppliers: We source the products we distribute from a global network of over 10,000 suppliers in over 40 countries. We have approximately 100 dedicated supply chain management employees that handle purchasing. Our suppliers benefit from access to our large, diversified customer base and by consolidating customer orders allowing for manufacturing efficiencies. We benefit from stronger purchasing power and preferred vendor programs. Our purchases from our 25 largest suppliers in 2021 approximated 43% of our total purchases, with our single largest supplier constituting approximately 6%. We are the largest customer for many of our suppliers, and we source the majority of the products we distribute directly from the manufacturer. The remainder of the products we distribute are sourced from manufacturer representatives, trading companies and, in some instances, other distributors.

We believe our customers and suppliers recognize us as an industry leader in part due to the quality of products we supply and for the formal processes we use to evaluate vendor performance. This vendor assessment process is referred to as the MRC Global Supplier Registration Process, which involves employing individuals who specialize in conducting on-site assessments of our manufacturers and their processes as well as monitoring and evaluating the quality of goods produced. These assessments are aimed at product quality assurance, including all aspects of the manufacturing processes, steel, alloy and material quality, ethical sourcing, product safety and ethical labor practices. The result of this process is the MRC Global approved manufacturer's listing ("AML"). Products from the manufacturers on this list are supplied across many of the industries we support. Given that many of our largest customers, especially those in our downstream, industrial and energy transition sector, maintain their own formal AML listing, we are recognized as an important source of information sharing with our key customers regarding the results of our on-site assessment. For this reason, together with our commitment to promote high quality products that bring the best overall value to our customers, we often become the preferred provider of AML products to these customers. Many of our customers regularly collaborate with us regarding specific manufacturer performance, our own experience with vendors' products and the results of our on-site manufacturer assessments. The emphasis that both our customers and suppliers place on the MRC Global AML helps secure our central and critical position in the global PVF supply chain.

We utilize a variety of freight carriers in addition to our corporate truck fleet to ensure timely and efficient delivery of our products. With respect to deliveries of products from us to our customers, or our outbound needs, we utilize both our corporate fleet and third-party transportation providers. With respect to shipments of products from suppliers to us, or our inbound needs, we principally use third-party carriers.

Sales and Marketing: We distribute our products to a wide variety of end-users. Our broad inventory offering and distribution network allows us to serve large global customers with consistent, high-quality service that is unrivaled in our industry. Local relationships, depth of inventory, responsive service and timely delivery are critical to the sales process in the PVF distribution industry. Our sales efforts are customer and product driven and provide a system that is more responsive to changing customer and product needs than a traditional, fully centralized structure.

Our sales model applies a two-pronged approach to address both regional and national markets. Regional sales teams are based in our core geographic regions and are complemented by a global accounts sales team organized by sector or product expertise and focused on large regional, national or global customers. These sales teams are then supported by groups with additional specific service or product expertise, including integrated supply, valves, valve automation and modification, engineering, procurement and construction projects, corrosion resistant products, pipe, measurement equipment and implementation. Our overall sales force is then internally divided into outside and inside sales forces.

Our over 180 account managers and external sales representatives develop relationships with prospective and existing customers in an effort to better understand their needs and to increase the number of our products specified or approved by a given customer. Outside sales representatives may be service center outside sales representatives, who focus on customer relationships in specific geographies, or technical outside sales representatives, who focus on specific products and provide detailed technical support to customers. Internationally, for valve sales, the majority of our sales force is comprised of qualified engineers who are able to meet complex customer requirements, select optimal solutions from a range of products to increase customers' efficiency and lower total product lifecycle costs.

Our inside sales force of over 600 customer service representatives is responsible for processing orders generated by new and existing customers as well as by our outside sales force. The customer service representatives develop order packages based on specific customer needs, interface with manufacturers to determine product availability, ensure on-time delivery and establish pricing of materials and services based on guidelines and predetermined metrics that management establishes.

Seasonality: Our business normally experiences mild seasonal effects in the U.S. as demand for the products we distribute is generally higher during the months of August, September and October. Demand for the products we distribute during the months of November and December and early in the year generally tends to be lower due to a lower level of activity near the end of the calendar year in the industry sectors we serve and due to winter weather disruptions. In addition, certain exploration and production ("E&P") activities, primarily in Canada, typically experience a springtime reduction due to seasonal thaws and regulatory restrictions, limiting the ability of drilling rigs to operate effectively during these periods.

Customers: Our principal customers are companies active in the gas utilities, downstream, industrial and energy transition, upstream production and midstream pipeline sectors. Due to the demanding operating conditions in these sectors, high costs and safety risks associated with equipment failure, customers prefer highly reliable products and vendors with established qualifications, reputation and experience. As our PVF products typically are mission critical and represent a fraction of the total cost of a given project, our customers often place a premium on service and high reliability given the high cost to them of maintenance or project delays. We strive to build long-term relationships with our customers by maintaining our reputation as a supplier of high-quality, reliable products and value-added services and solutions.

We have a large customer base of approximately 10,000 customers. No single customer represents more than 10% of our revenue. For many of our largest customers, we are often their primary PVF provider by sector or geography, their largest or second largest supplier in aggregate or, in certain instances, the sole provider for their procurement needs. We believe that many customers for which we are not the exclusive or comprehensive sole source PVF provider will continue to reduce their number of suppliers in an effort to reduce costs and administrative burdens and focus on their core operations. As such, we believe these customers will seek to select PVF distributors with the most extensive product and service offerings and ability to supply customer needs in the geographies where our customers operate. Furthermore, we believe our business will benefit as companies in the energy industry continue to consolidate and the larger, resulting companies look to larger distributors such as ourselves as their sole or primary source PVF provider.

Backlog: We determine backlog by the amount of unshipped customer orders, either specific or general in nature, which the customer may revise or cancel in certain instances. The table below details our backlog by segment (in millions):

	Year Ended December 31,					
	2021		2020		2019	
U.S.	\$	350	\$	193	\$	301
Canada		35		13		34
International		135		134		174
	\$	520	\$	340	\$	509

There can be no assurance that the backlog amounts will ultimately be realized as revenue or that we will earn a profit on the backlog of orders, but we expect that substantially all of the sales in our backlog will be realized within 12 months.

Competition: We are the leading global PVF distributor to the energy, industrial and gas utility end markets. The broad PVF distribution industry is fragmented and includes large, nationally recognized distributors, major regional distributors and many smaller local distributors. The principal methods of competition include offering prompt local service, fulfillment capability, breadth of product and service offerings, price and total costs to the customer. Our competitors include, among others, large PVF distributors, such as NOW Inc., Ferguson, plc, Van Leeuwen, FloWorks (including Sunbelt Supply Co.), Charbonneau Industries, Score Group, Bakerfield Pipe & Supply, Edgen Murray (a Sumitomo Corporation subsidiary), Elite Supply, Industrial Piping Specialists, RK Supply, Russell Metals, Sooner Pipe (a Marubeni Corporation subsidiary), several regional or product-specific competitors and many local, family-owned and privately held PVF distributors. In addition, most of our suppliers also sell directly to end users.

Human Capital

Employees. We are a global team in 16 countries dedicated to our customers, our communities and each other. MRC Global employees regularly go out of their way to support each other in times of need, provide excellent service to our customers and uplift the communities where they live and work.

As of December 31, 2021, we had approximately 2,600 employees. Approximately 66% of our employees are in the U.S., 27% are in our International segment, and 7% are in Canada. In the U.S., Norway and Australia, as of December 31, 2021, we had 86 employees that belonged to a union and an additional 160 non-union employees that are covered by union negotiated agreements. We consider our relationships with our employees to be good.

Compensation. We believe that we provide our employees with a competitive compensation within our industry in the form of wage or salary, depending upon the position. In the U.S., we pay our hourly employees at least \$15 per hour beginning in their first year of employment and in other countries we pay prevailing wages for our industry. In the U.S., Canada, and Australia, we offer a defined contribution retirement plan and in other countries we offer similar plans or participate in local government retirement schemes. Likewise in the U.S., we offer employees the opportunity to participate in health, dental and vision benefit plans and in other countries our employees either participate in similar plans or in government provided healthcare schemes. For those positions where short-term incentives, such as annual or quarterly bonuses are applicable, we align our incentives with overall financial results. For profit centers, financial incentives often include adjusted EBITDA as a metric that supports our overall financial objectives. For sales personnel, incentives often include gross margin metrics for the employee's location or unit that also support our overall financial objectives. While we align overall incentive payout with financial results, many employees are also incentivized on non-financial performance objectives and safety or operational efficiency goals or project objectives. An employee's objectives are usually set at the beginning of each year with the employee's supervisor.

Employee Development. MRC Global provides its employees with educational tools and development opportunities to continually improve their talent and skills.

We maintain an organizational development and learning function with employees who develop and present training along with other subject matter experts inside and outside of the company. Because our workforce is distributed over 160 locations in 16 countries, we also maintain a strong internet-delivered learning management system ("LMS") that has many training modules that can be accessed throughout our company. Many of these training modules include interactive training, so that trainees are engaged as they learn. We require employees to take certain modules on anti-harassment, anti-discrimination, legal compliance, safety and computer security at regular intervals. We provide additional training covering the Company's proprietary procedures and systems, product knowledge, leadership and management, sales skills, Microsoft Office 365 applications and a wide variety of IT areas. As we are increasing our digital capabilities through our MRCGOTM offering as well as other internal initiatives, we are increasing the development of employees to develop, implement, use and promote these digital platforms. In addition to modules on the Company's LMS, we provide employees many opportunities to grow their product knowledge through targeted training that the Company, its suppliers or its customers present. We track all of our training, so that every employee has a training record and plan. Our on-boarding process for new employees provides a broad and accelerated understanding of MRC Global's business and culture. Additionally, all employees establish development goals at the beginning of the year, and we track the progress of these goals through periodic individual development reviews. Finally, we periodically assess our employees' satisfaction and engagement through regular individual development reviews as well as company-wide surveys that we undertake every few years.

MRC Global's employee development process begins upon hire and at the start of each calendar year by documenting individual goals, both for performance and development. Goals are mutually agreed upon between employee and manager, then reviewed for progress throughout the year. A mid-year review is undertaken, enabling employees to receive individualized feedback regarding goals and development progress in support of year-end success. MRC Global also offers employees with more than six months of service the opportunity to participate in a tuition reimbursement plan for both graduate and undergraduate courses that align with their career objectives within the company up to \$5,250 USD per year based on their successful completion of classes. In 2021, 15 U.S. employees used this benefit to grow their professional development through formal education. MRC Global also hosts internships and apprentice programs in some countries. Both of these initiatives focus on allowing young employees the opportunity to learn on the job training and gain experience in technical product roles.

Culture. We are proud of the role we play in providing safe, productive and fulfilling jobs to our employees. Our core values underpin our culture. They are:

- Safety Leadership
- Customer Satisfaction
- Business Ethics
- Operational Excellence
- Financial Performance
- Teamwork
- Employee Development
- Community/Charity Involvement

All new hires are onboarded with training that covers our culture including mission, vision, and core values. Adherence to the core values is also evaluated for every employee as part of our employee development process. We maintain an independent process for confidential reporting of workplace concerns through our toll-free hotline, and the ability to bypass management and directly contact the Legal or Human Resource Departments or the Company's Audit Committee regarding concerns.

Diversity. As we operate in many countries and have an increasingly global and diverse customer base, we strive to have our team members reflect this diversity of cultures, backgrounds and approaches in our business. We are committed to maintaining a harassment and discrimination-free workplace where every employee feels safe, valued and encouraged regardless of age, gender, race, religion, ethnicity, sexual orientation, veteran status, disabilities or backgrounds. We want every one of our employees to have the opportunity to grow his or her career. While we do not maintain specific diversity quotas, our Human Resources Department actively monitors our hiring and promotion processes, so that diverse candidates are considered for open roles. In addition, as part of our succession planning process, we identify high potential employees that include diverse candidates that are considered for promotions and developmental assignments. In 2021, across our global workforce, 27% of our employees were female. Additionally, 24% of our directors and above were female and 55% of our workforce in corporate functions were women.

Monitoring for Success. We monitor our workforce to determine its overall effectiveness by reviewing metrics related to headcount, composition, voluntary and involuntary turnover, diversity, performance per employee (such as revenue per employee or adjusted EBTIDA per employee) and selling, general and administrative expense as a percentage of sales. In 2020, we implemented a new human capital management system that is global in nature to help us manage our employee initiatives and development.

Sustainability

Our Sustainable Business Model. Our distribution capabilities can flex with the needs of customers and service new customers in new end markets. Although the primary customers for our PVF products are gas utility, energy and industrial companies, we also distribute PVF to other end users as well. For instance, in our downstream, industrial and energy transition sector, we distribute PVF to companies engaged in metals and mining, fabrication, power generation, chemical production, carbon capture, biofuels, offshore wind and other general industrial uses. Our distribution platform can also supply new product lines to existing customers and new end markets.

MRC Global's Sustainability Initiatives. The primary way that we can reduce our emissions of greenhouse gases in our operations is to create an efficient supply chain. An efficient supply chain reduces the carbon footprint of deliveries to our distribution centers and service centers and, ultimately to our customers. Use of our distribution centers and hub and spoke delivery model allow us to aggregate product across multiple suppliers and customers, which, in turn, prevents each customer from separately creating duplicative supply chains that require fuel for deliveries and resources to manage.

As a distributor, we are engaged in a relatively low amount of manufacturing and assembly, mostly through the actuation and valve modification services that we offer our customers. We do not utilize large amounts of water. Our energy inputs are primarily electricity for lighting, heating and office and warehouse equipment, natural gas for heating and gasoline for company sales and delivery vehicles. We are reviewing this usage and seeking efficiencies to reduce use of these resources and resulting emissions. We have recycling programs to minimize waste from used pallets, cardboard, office paper and other recyclables.

Market Opportunities. As a distributor of PVF, we sell products to existing and new customers that control the flow of liquids and gases in a sustainable manner. Most of the products we provide are used to prevent and minimize accidental leaks of hydrocarbons into the air and spills. In addition, integrated oil and other energy companies, many of which are our customers, have requirements to reduce their methane and other emissions and consider these targets when designing, constructing, upgrading, maintaining and operating their facilities. Recently, the EPA initiated a rulemaking process to require the reduction of methane in oil and gas production and hydrocarbon pipelines. We sell a number of products that reduce the emissions of gases, including methane. In particular, in 2021, 94% of our sales of valves were low-emission valves that control methane and other emissions. Many of the other valves that we sold were sold into applications such as the transfer of water that do not emit greenhouse gases or environmentally dangerous substances.

Environmental Matters

We are subject to a variety of federal, state, local, foreign and provincial environmental, health and safety laws, regulations and permitting requirements (collectively, “environmental laws”), including those governing the following:

- the discharge of pollutants or hazardous substances into the air, soil or water;
- the generation, handling, use, management, storage and disposal of, or exposure to, hazardous substances and wastes;
- the responsibility to investigate, remediate, monitor and clean up contamination; and
- occupational health and safety.

Historically, the costs to comply with environmental laws have not been material to our financial position, results of operations or cash flows. We are not aware of any pending environmental compliance or remediation matters that, in the opinion of management, are reasonably likely to have a material effect on our business, financial position or results of operations or cash flows. However, our failure to comply with applicable environmental laws could result in fines, penalties, enforcement actions, employee, neighbor or other third-party claims for property damage and personal injury, requirements to clean up property or to pay for the costs of cleanup or regulatory or judicial orders requiring corrective measures, including the installation of pollution control equipment or remedial actions.

Certain environmental laws, such as the U.S. federal Superfund law or its state or foreign equivalents, may impose the obligation to investigate, remediate, monitor and clean up contamination at a facility on current and former owners, lessees or operators or on persons who may have sent waste to that facility for disposal. These environmental laws may impose liability without regard to fault or to the legality of the activities giving rise to the contamination. Although we are not aware of any active litigation against us under the U.S. federal Superfund law or its state or foreign equivalents, we have identified contamination at several of our current and former facilities, and we have incurred and will continue to incur costs to investigate, remediate, monitor and clean up these conditions. To date, these costs have not had a material impact on our business. Moreover, we may incur liabilities in connection with environmental conditions currently unknown to us relating to our prior, existing or future owned or leased sites or operations or those of predecessor companies whose liabilities we may have assumed or acquired. We believe that indemnities contained in certain of our acquisition agreements may cover certain environmental conditions existing at the time of the acquisition subject to certain terms, limitations and conditions. However, if these indemnification provisions terminate or if the indemnifying parties do not fulfill their indemnification obligations, we may be subject to liability with respect to the environmental matters that those indemnification provisions address.

Certain governments at the international, national, regional and state level are at various stages of considering or implementing treaties and environmental laws that could limit emissions of greenhouse gases, including carbon dioxide, associated with the burning of fossil fuels. For instance, in September 2016, 175 countries ratified the Paris Agreement, which requires member countries to review and determine their respective goals towards reducing greenhouse gas emissions. While the U.S. initially chose to pull out of the Paris Agreement, the new administration has implemented executive orders for the U.S. to rejoin the agreement, which presumably will require the U.S. to set greenhouse gas reduction goals and enact policies to meet those goals. Certain states, regions and cities have also adopted or are considering environmental laws that impose overall caps or taxes on greenhouse gas emissions from certain sectors or facility categories or mandate the increased use of electricity from renewable energy sources. It is not possible to predict how new environmental laws to address greenhouse gas emissions, including new laws or programs implemented by the new administration, would impact our business or that of our customers, but these laws and regulations could impose costs on us or create a shift in the market for the products that we distribute and hence affect our business. The U.S. Energy Information Agency (“EIA”) in its International Energy Outlook 2021 report continues to project, based on the agency’s reference case, increases in world energy consumption for oil and gas through 2050, although this projection could change depending on regulatory developments, technological changes and changes in energy mix.

In addition, the EPA has previously implemented regulations that require permits for and reductions in greenhouse gas emissions for certain categories of emission sources, including (among others) New Source Performance Standards for new power plants and emission guidelines for existing power plants (commonly known as the “Clean Power Plan”). In anticipation of and in response to these regulations, United States electric producers have been switching from coal to natural gas as a cleaner burning fuel source. This replacement of natural gas for coal has benefitted our business as our customers include natural gas producers. There have been various court challenges and regulatory changes to these EPA regulations, such as the EPA’s June 2019 repeal of the Clean Power Plan and finalization of a replacement rule (known as the Affordable Clean Energy Rule) and, in January 2021, a D.C. Circuit vacatur of the Affordable Clean Energy Rule. Even so, switching from coal to natural gas has continued, in part, driven by low natural gas prices as well as continued regulatory uncertainty regarding coal emissions. In November, 2021, the EPA proposed amendments to the existing greenhouse gas emissions regulations for the oil and natural gas production industry, but it is currently not possible to predict the final scope of any new rule and, therefore, how this new rule will impact our business or that of our customers. We predominately sell valves and other products that assist customers in the prevention of emissions of greenhouse gases, such as methane, and believe that the passage of a final rule could be an opportunity to assist customers with their compliance with the rule.

Federal, state, local, foreign and provincial governments have adopted, or are considering the adoption of, environmental laws that could impose more stringent permitting; disclosure; wastewater and other waste disposal; greenhouse gas, ethane or volatile organic compound control, leak detection and repair requirements; and well construction and testing requirements on our customers’ hydraulic fracturing.

Environmental laws applicable to our business and the business of our customers, including environmental laws regulating the energy industry, and the interpretation or enforcement of these environmental laws, are constantly evolving; it is impossible to predict accurately the effect that changes in these environmental laws, or their interpretation or enforcement, may have upon our business, financial condition or results of operations. Should environmental laws, or their interpretation or enforcement, become more stringent, our costs, or the costs of our customers, could increase, which may have a material adverse effect on our business, financial position, results of operations or cash flows.

Exchange Rate Information

In this report, unless otherwise indicated, foreign currency amounts are converted into U.S. dollar amounts at the exchange rates in effect on December 31, 2021 and 2020 for balance sheet figures. Income statement figures are converted on a monthly basis, using each month’s average conversion rate.

Available Information

Our website is located at www.mrcglobal.com. We make available free of charge on or through our internet website our annual report on Form 10-K, our quarterly reports on Form 10-Q, current reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, as soon as reasonably practicable after we electronically file this material with, or furnish it to, the SEC. The information contained on the websites referenced in this Form 10-K is not incorporated by reference into this filing. Further, the Company's references to website URLs are intended to be inactive textual references only. The SEC maintains an Internet site that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC at www.sec.gov.

ITEM 1A. RISK FACTORS

You should carefully consider the following risk factors as well as the other risks and uncertainties contained in this Annual Report on Form 10-K or in our other SEC filings. The occurrence of one or more of these risks or uncertainties could materially and adversely affect our business, financial condition and operating results. In this Annual Report on Form 10-K, unless the context expressly requires a different reading, when we state that a factor could “adversely affect us,” have a “material adverse effect,” “adversely affect our business” and similar expressions, we mean that the factor could materially and adversely affect our business, financial condition, operating results and cash flows. Information contained in this section may be considered “forward-looking statements.” See “Item 7—Management’s Discussion and Analysis of Financial Condition and Results of Operations—Cautionary Note Regarding Forward-Looking Statements” for a discussion of certain qualifications regarding forward looking statements.

Risks Related to Our Business

Decreased capital and other expenditures in the industries that we serve can adversely impact our customers’ demand for our products and our revenue.

A large portion of our revenue depends upon the level of capital and operating expenditures in the industries that we serve. For instance, demand for our products and services is sensitive to capital expenditures for the addition of distribution capacity and replacement of aging infrastructure in our gas utilities business. In our upstream production, midstream pipeline and refining portion of our downstream, industrial and energy transition sectors, demand for the products we distribute and services we provide is particularly sensitive to the level of exploration, development, production, transportation and refining activity of, and the corresponding capital and other expenditures by oil and gas companies. Other industrial sectors have various drivers for their capital expenditures. If our customers’ capital expenditures decline, our business will suffer.

General economic conditions may adversely affect our business.

U.S. and global general economic conditions affect many aspects of our business, including demand for the products we distribute. If general economic conditions deteriorate and the business of our customers in one or more of our end market sectors is negatively impacted, our customers may curtail their capital expenditures and demand for our products may suffer. General economic factors beyond our control that affect our business and customers include (among others) interest rates, recession, inflation, deflation, customer credit availability, consumer credit availability, consumer debt levels, performance of housing markets, energy costs, tax rates and policy, unemployment rates, commencement or escalation of war or hostilities, the threat or possibility of war, terrorism or other global or national unrest, political or financial instability and other matters that influence our customers’ spending. In addition, worldwide economic conditions could have an adverse effect on our business.

Volatile oil and gas prices affect demand for our products.

As evidenced by the decline of oil prices from late 2014 through 2016 and again in 2020, prices for oil and natural gas are cyclical and subject to large fluctuations in response to relatively minor changes in the supply of and demand for oil and natural gas, market uncertainty and a variety of other factors that are beyond our control. A decline in oil and gas prices impacts the capital spending of many of our customers, particularly in our upstream production, midstream pipeline and the refining portion of our downstream, industrial and energy transition businesses. Any sustained decrease in capital expenditures in the oil and natural gas industry could have a material adverse effect on us.

We may experience unexpected supply shortages.

We distribute products from a wide variety of manufacturers and suppliers. Nevertheless, in the future we may have difficulty obtaining the products we need from suppliers and manufacturers as a result of unexpected demand, production difficulties that might extend lead times or a supplier’s decision to sell its products through other distributors. In 2021, for instance, supply chain shortages have resulted from COVID-19 lockdowns and related health measures in various jurisdictions, labor shortages and transportation delays. Our inability to obtain products from suppliers and manufacturers in sufficient quantities to meet customer demand, or at all, could adversely affect our product and service offerings and our business.

The loss of third-party transportation providers upon whom we depend, or conditions negatively affecting the transportation industry, could increase our costs or cause a disruption in our operations.

We depend upon third-party transportation providers for delivery of products to our customers. Strikes, slowdowns, transportation disruptions or other conditions in the transportation industry, including, among others, shortages of truck drivers or dock workers, disruptions in rail service, increases in fuel prices and adverse weather conditions, could increase our costs and disrupt our operations and our ability to service our customers on a timely basis. We cannot predict whether or to what extent increases or anticipated increases in fuel prices may impact our costs or cause a disruption in our operations going forward.

We may experience cost increases from suppliers and transportation providers, which we may be unable to pass on to our customers.

Highly inflationary environments may adversely impact our business. We may face supply cost increases due to, among other things, unexpected increases in demand for supplies, decreases in production of supplies, increases in the cost of raw materials, transportation, changes in exchange rates or the imposition of import taxes or tariff on imported products. Any inability to pass supply price increases on to our customers could have a material adverse effect on us. For example, we may be unable to pass increased supply costs on to our customers because significant amounts of our sales are derived from stocking program arrangements, contracts and maintenance and repair arrangements, which provide our customers time limited price protection, which may obligate us to sell products at a set price for a specific period. In addition, if supply costs increase, our customers may elect to purchase smaller amounts of products or may purchase products from other distributors. While we may be able to work with our customers to reduce the effects of unforeseen price increases because of our relationships with them, we may not be able to reduce the effects of the cost increases. In addition, to the extent that competition leads to reduced purchases of products or services from us or a reduction of our prices, and these reductions occur concurrently with increases in the prices for selected commodities which we use in our operations, including steel, nickel and molybdenum, the adverse effects described above would likely be exacerbated and could result in a prolonged downturn in profitability.

If steel prices rise, we may be unable to pass along the cost increases to our customers.

We maintain inventories of steel products to accommodate the lead time requirements of our customers. Accordingly, we purchase steel products in an effort to maintain our inventory at levels that we believe to be appropriate to satisfy the anticipated needs of our customers based upon historic buying practices, contracts with customers and forecasts of customer demands. Our commitments to purchase steel products are generally at prevailing market prices in effect at the time we place our orders. If steel prices increase between the time we order steel products and the time of delivery of the products to us, our suppliers may impose surcharges that require us to pay for increases in steel prices during the period. Demand for the products we distribute, the actions of our competitors and other factors will influence whether we will be able to pass on steel cost increases and surcharges to our customers, and we may be unsuccessful in doing so.

We do not have contracts with most of our suppliers. The loss of a significant supplier would require us to rely more heavily on our other existing suppliers or to develop relationships with new suppliers. Such a loss may have an adverse effect on our product and service offerings and our business.

Given the nature of our business, and consistent with industry practice, we do not have contracts with most of our suppliers. We generally make our purchases through purchase orders. Therefore, most of our suppliers have the ability to terminate their relationships with us at any time. Approximately 43% of our total purchases during the year ended December 31, 2021 were from our 25 largest suppliers. Although we believe there are numerous manufacturers with the capacity to supply the products we distribute, the loss of one or more of our major suppliers could have an adverse effect on our product and service offerings and our business.

Price reductions by suppliers of products that we sell could cause the value of our inventory to decline. Also, these price reductions could cause our customers to demand lower sales prices for these products, possibly decreasing our margins and profitability on sales to the extent that we purchased our inventory of these products at the higher prices prior to supplier price reductions.

The value of our inventory could decline as a result of manufacturer price reductions with respect to products that we sell. Such a decline could have an adverse effect.

Also, decreases in the market prices of products that we sell could cause customers to demand lower sales prices from us. These price reductions could reduce our margins and profitability on sales with respect to the lower-priced products. Reductions in our margins and profitability on sales could have a material adverse effect on us.

A substantial decrease in the price of steel could significantly lower our gross profit or cash flow.

We distribute many products manufactured from steel. As a result, the price and supply of steel can affect our business and, in particular, our carbon steel line pipe product category. When steel prices are lower, the prices that we charge customers for products may decline, which affects our gross profit and cash flow. At times pricing and availability of steel can be volatile due to numerous factors beyond our control, including general domestic and international economic conditions, labor costs, sales levels, competition, consolidation of steel producers, fluctuations in and the costs of raw materials necessary to produce steel, steel manufacturers' plant utilization levels and capacities, import duties and tariffs and currency exchange rates. Increases in manufacturing capacity for the carbon steel line pipe products could put pressure on the prices we receive for our carbon steel line pipe products. When steel prices decline, customer demands for lower prices and our competitors' responses to those demands could result in lower sales prices and, consequently, lower gross profit and cash flow.

If tariffs, quotas and duties on imports into the U.S. of certain of the products that we sell are lifted or imposed, we could have too many of these products in inventory competing against less expensive imports or conversely pay higher prices for products that we sell.

U.S. law currently imposes tariffs and duties on imports from certain foreign countries of line pipe and certain other products that we sell. If these tariffs and duties are lifted or reduced or if the level of these imported products otherwise increase, and our U.S. customers accept these imported products, we could be adversely affected to the extent that we would then have higher-cost products in our inventory or experience lower prices and margins due to increased supplies of these products that could drive down prices and margins. If prices of these products were to decrease significantly, we might not be able to profitably sell these products, and the value of our inventory would decline. In addition, significant price decreases could result in a significantly longer holding period for some of our inventory. Conversely, if tariffs and duties are imposed on imports from certain foreign countries of products that we sell, we could be required to pay higher prices for our products. Demand for the products we distribute, the actions of our competitors and other factors will influence whether we will be able to pass on additional cost increases to our customers, and we may be unsuccessful in doing so.

We may be adversely impacted by holding more inventory than can be sold in a commercial time frame.

A fundamental aspect of our business is to have inventory available for customers when they need it. If we over-estimate the amount of inventory that can be sold in a commercial time frame or if market demand for a product drops unexpectedly, we may be forced to sell the product at substantially lower prices, scrap the product or write down its carrying value. This can adversely impact our business.

A transition to alternative forms of energy could adversely impact our customers, result in lower sales and adversely impact our results and financial condition.

If through legislation, treaty or consumer preference demand for oil and gas is substantially reduced through the use of alternative forms of energy and sales of our products to alternative energy producers are less than sales of our products to existing customers that produce, transport and use hydrocarbons as feedstock as well as sales to other customers, we could experience a reduction in sales, which could adversely impact our results and financial condition. Likewise, to the extent that governments limit the use of oil or gas in various applications, such as in prohibiting natural gas connections to newly constructed homes or buildings, we could also experience a reduction in sales, which could adversely impact our results and financial condition.

Adverse weather events or natural disasters could negatively affect our local economies or disrupt our operations.

Certain areas in which we operate have been susceptible to more frequent and more severe weather events, such as hurricanes, tornadoes and floods and to natural disasters such as earthquakes, fires and coronal mass ejections (sometimes referred to as solar flares). Weather events, in particular, may be increasing in frequency and severity due to climate change. These events can disrupt our operations, result in damage to our properties and negatively affect the local economies in which we operate. Additionally, we may experience communication disruptions with our customers, vendors and employees. These events can cause physical damage to our service centers and require us to close service centers. Additionally, our sales order backlog and shipments can experience a temporary decline immediately following these events.

We cannot predict whether or to what extent damage caused by these events will affect our operations or the economies in regions where we operate. These adverse events could result in disruption of our purchasing or distribution capabilities, interruption of our business that exceeds our insurance coverage, our inability to collect from customers and increased operating costs. Our business or results of operations may be adversely affected by these and other negative effects of these events.

We are subject to strict environmental, health and safety laws and regulations that may lead to significant liabilities and negatively impact the demand for our products.

We are subject to a variety of federal, state, local, foreign and provincial environmental, health and safety laws, regulations and permitting requirements (collectively, “environmental laws”), including those governing the following:

- the discharge of pollutants or hazardous substances into the air, soil or water;
- the generation, handling, use, management, storage and disposal of, or exposure to, hazardous substances and wastes;
- the responsibility to investigate, remediate, monitor and clean up contamination; and
- occupational health and safety.

Our failure to comply with applicable environmental laws could result in fines, penalties, enforcement actions, employee, neighbor or other third-party claims for property damage and personal injury, requirements to clean up property or to pay for the costs of cleanup or regulatory or judicial orders requiring corrective measures, including the installation of pollution control equipment or remedial actions.

Certain governments at the international, national, regional and state level are at various stages of considering or implementing treaties and environmental laws that could limit emissions of greenhouse gases, including carbon dioxide, associated with the burning of fossil fuels. It is not possible to predict how new environmental laws to address greenhouse gas emissions would impact our business or that of our customers, but these laws and regulations could impose costs on us or negatively impact the market for the products we distribute and, consequently, our business.

Environmental laws applicable to our business and the business of our customers, including environmental laws regulating the energy industry, and the interpretation or enforcement of these environmental laws, are constantly evolving; it is impossible to predict accurately the effect that changes in these environmental laws, or their interpretation or enforcement, may have upon our business, financial condition or results of operations. Should environmental laws, or their interpretation or enforcement, become more stringent, our costs, or the costs of our customers, could increase, which may have a material adverse effect on our business, financial position, results of operations or cash flows.

Changes in our customer and product mix could cause our gross profit percentage to fluctuate.

From time to time, we may experience changes in our customer mix or in our product mix. We must provide the products that our customers need when they need them and provide an appropriate level of service to gain and retain customers. If our customer experience is poor or customers require more lower-margin products from us and fewer higher-margin products, our business, results of operations and financial condition may suffer.

Demand for the products we distribute could decrease if the manufacturers of those products were to sell a substantial amount of goods directly to end users in the sectors we serve.

Historically, users of PVF and related products have purchased certain amounts of these products through distributors and not directly from manufacturers. If customers were to purchase the products that we sell directly from manufacturers, or if manufacturers sought to increase their efforts to sell directly to end users, we could experience a significant decrease in profitability. These or other developments that remove us from, or limit our role in, the distribution chain, may harm our competitive position in the marketplace, reduce our sales and earnings and adversely affect our business.

Failure to operate our business in an efficient or optimized manner can adversely impact our business.

To make a profit, we must control selling, general and administrative expense. This requires our distribution network structure, our warehouse operations and the cost to serve customers to be diligently controlled for our Company to earn a profit after deducting the cost of goods sold from the price of the products that we sell. We are constantly working to create a more efficient operation and will often review where our service centers and regional distribution centers are located, the transportation patterns and other operations among those centers and the needs and costs to operate our business. Failure to operate our business in an efficient or optimized manner can adversely impact our business.

We may be unable to compete successfully with other companies in our industry.

We sell products and services in very competitive markets. In some cases, we compete with large companies with substantial resources. In other cases, we compete with smaller regional players that may increasingly be willing to provide similar products and services at lower prices. Competitive actions, such as price reductions, consolidation in the industry, improved delivery and other actions could adversely affect our revenue and earnings. Competition could also cause us to lower our prices, which could reduce our margins and profitability. Furthermore, consolidation of our customers' businesses could heighten the impacts of the competition on our business. Our results of operations could also be impacted, particularly if consolidation results in competitors with stronger financial and strategic resources and greater scale in inventory and purchasing power. We must maintain an appropriate level of inventory and provide a service quality to adequately compete. Our failure to successfully compete and maintain a competitive strategy can adversely affect our business.

We do not have long-term contracts or agreements with many of our customers. The contracts and agreements that we do have generally do not commit our customers to any minimum purchase volume. The loss of a significant customer may have a material adverse effect on us.

Given the nature of our business, and consistent with industry practice, we do not have long-term contracts with many of our customers. In addition, our contracts, including our maintenance, repair and operations (“MRO”) contracts, generally do not commit our customers to any minimum purchase volume. Therefore, a significant number of our customers, including our MRO customers, may terminate their relationships with us or reduce their purchasing volume at any time. Furthermore, the customer contracts that we do have are generally terminable without cause on short notice. Our 25 largest customers represented approximately 51% of our sales for the year ended December 31, 2021. The products that we may sell to any particular customer depend in large part on the size of that customer’s capital expenditure budget in a particular year and on the results of competitive bids for major projects. Consequently, a customer that accounts for a significant portion of our sales in one fiscal year may represent an immaterial portion of our sales in subsequent fiscal years. The loss of a significant customer, or a substantial decrease in a significant customer’s orders, may have an adverse effect on our sales and revenue. In addition, we are subject to customer audit clauses in many of our multi-year contracts. If we are not able to provide the proper documentation or support for invoices per the contract terms, we may be subject to negotiated settlements with our major customers.

If we are unable to attract and retain our employees or if we lose our key personnel, we may be unable to effectively operate and manage our business or continue our growth.

Our future performance depends to a significant degree upon the continued contributions of our employees and management team and our ability to attract, hire, train and retain employees for our workforce and qualified managerial, sales and marketing personnel. If job openings for qualified personnel exceed the available qualified labor pool in a particular location, we may experience difficulty in attracting and retaining our workforce. We may also need to increase our offered compensation and, thus, increase our costs to attract and retain qualified employees.

We rely on our sales and marketing teams to create innovative ways to generate demand for the products we distribute. The loss or unavailability to us of any member of our management team or a key sales or marketing employee could have an adverse effect on us to the extent we are unable to timely find adequate replacements. We face competition for these professionals from our competitors, our customers and other companies operating in our industry. We may be unsuccessful in attracting, hiring, training and retaining qualified personnel.

Adverse health events, such as a pandemic, could adversely impact our business.

From time to time, various diseases have spread across the globe such as COVID-19, SARS and the avian flu. If a disease spreads sufficiently to cause an epidemic or a pandemic, the ability to operate our business or the businesses of our suppliers, contractors or customers could be reduced due to illness of employees or local restrictions to combat the disease. In addition, our supply chain that spans over 40 countries could be negatively impacted if our suppliers are unable to operate their business. Such an adverse health event could adversely impact our business.

Interruptions in the proper functioning of our information systems could disrupt operations and cause increases in costs or decreases in revenue.

The proper functioning of our information systems is critical to the successful operation of our business. However, our information systems are vulnerable to natural disasters, power losses, telecommunication failures, cyber incidents and other problems. Many of our systems utilize software as a service or operate on third party “cloud” servers. Likewise, Company data is often stored on these servers. If critical information systems, whether operated by the Company or a contracted third party, fail or are otherwise unavailable, our ability to operate our business could be adversely affected. Our ability to integrate our systems with our customers’ systems would also be significantly affected. We maintain information systems controls designed to protect against, among other things, unauthorized program changes and unauthorized access to data on our information systems. If our information systems controls do not function properly, we face increased risks of unexpected errors and unreliable financial data or theft of proprietary Company information.

We are constantly upgrading and modifying our information systems and the related software and hardware. We are also implementing new systems and technology to support and grow our business and increase efficiencies. Finally, we must maintain a number of aging information systems for our Company to operate. A failure to properly upgrade, modify, implement or maintain these systems and technology can have an adverse effect on our Company.

The occurrence of cyber incidents, or a deficiency in our cybersecurity, could negatively impact our business by causing a disruption to our operations, a compromise or corruption of our confidential information or damage to our Company's image or reputation, all of which could negatively impact our financial results.

A cyber incident is considered to be any adverse event that threatens the confidentiality, integrity or availability of our information resources. More specifically, a cyber incident is an intentional attack or an unintentional event that can include gaining unauthorized access to systems to disrupt operations, corrupt data or steal confidential information. As our reliance on technology has increased, so have the risks posed to our systems, both internal and those we have outsourced. Our three primary risks that could directly result from the occurrence of a cyber incident include operational interruption, damage to our Company's reputation and image and private data exposure. We have implemented hardware and software solutions, processes, training and procedures to help mitigate this risk, but these measures, as well as our organization's increased awareness of our risk of a cyber incident, such measures may fail and do not guarantee that our financial results and operations will not be negatively impacted by such an incident. While we also have some insurance to protect against the financial damage that a cyber incident could cause, the insurance may not be adequate for every type of incident to protect against the financial damages that could occur. In some incidents, the Company may be required to shut off its computer systems, reboot them and reestablish its information from back up sources. In other incidents, the Company may be required under various laws to notify any third parties whose data has been compromised. These incidents can adversely affect us.

Cyber incidents could include (among others) the following:

- Computer virus software that infects our computer systems to either allow third parties unauthorized access to private, confidential data or denies the Company access from its own information, often for the attacker's financial gain by demanding a ransom.
- Theft of private information. An unauthorized disclosure of sensitive or confidential supplier, customer or Company information or employee information could cause a theft or unwanted disclosure of data.
- E-mail or other forms of spoofing or "phishing" whereby third parties attempt to trick or induce employees to provide private information, such as passwords, social security numbers or other identifying information, to allow the third party to fraudulently attempt to invoice the Company, tricking employees into making a payment to an unauthorized party or gain access to the Company's computer systems.
- Intrusion into payment systems. The Company does not generally accept credit cards for payment as most of its customers are industrial and energy companies who provide payment through invoicing processes. Even so, a portion of our payment methods also subject us to potential fraud and theft by criminals, who are becoming increasingly more sophisticated, seeking to obtain unauthorized access to or exploit weaknesses that may exist in the payment systems.
- Supplier or customer cyber incidents. Our suppliers and customers also rely upon computer information systems to operate their respective businesses. If any of them experience a cyber incident, this could adversely impact their operations. Suppliers could delay providing product to us for our distribution to our customers. Customers, especially those who do business with us through electronic data interchanges, could be negatively impacted by cyber incidents applicable to them, which, could slow order processing from them or payments to us.
- Cyber incidents applicable to outsourced information systems. We outsource the operations of a significant portion of our computer information systems to third party service providers, which store our information on hosted or cloud systems. Although we review their security precautions with them and attempt to hold them contractually responsible for cyber incidents applicable to our information on their systems these vendors may not maintain adequate security to stop an incident, inform us of an incident in a timely manner or perform as required in their agreements.
- Supply chain attacks. These attacks occur when software that the Company utilizes is compromised without the Company's knowledge. Attackers may use this software to access our systems without the Company's knowledge or permission to obtain data or impede Company operations.

Customer credit risks could result in losses.

Concentration of our customers in our various industry sectors may impact our overall exposure to credit risk as customers in a sector may be similarly affected by prolonged changes in economic and industry conditions. Further, laws in some jurisdictions in which we operate could make collection difficult or time consuming. In times when commodity prices are low, particularly in our upstream production sector, our customers with higher debt levels may not have the ability to pay their debts. Other customers may have specific issues regarding their ability to pay their indebtedness. We perform ongoing credit evaluations of our customers and do not generally require collateral in support of our trade receivables. While we maintain reserves for expected credit losses, these reserves may not be sufficient to meet write-offs of uncollectible receivables or that our losses from such receivables will be consistent with our expectations.

We may be unable to successfully execute or effectively integrate acquisitions.

From time to time, we may selectively pursue acquisitions, including large scale acquisitions, to continue to grow and increase profitability. However, acquisitions, particularly of a significant scale, involve numerous risks and uncertainties, including intense competition for suitable acquisition targets, the potential unavailability of financial resources necessary to consummate acquisitions in the future, increased leverage due to additional debt financing that may be required to complete an acquisition, dilution of our stockholders' net current book value per share if we issue additional equity securities to finance an acquisition, difficulties in identifying suitable acquisition targets or in completing any transactions identified on sufficiently favorable terms, assumption of undisclosed or unknown liabilities and the need to obtain regulatory or other governmental approvals that may be necessary to complete acquisitions. In addition, any future acquisitions may entail significant transaction costs and risks associated with entry into new markets.

Even when acquisitions are completed, integration of acquired entities can involve significant difficulties, such as:

- failure to achieve cost savings or other financial or operating objectives with respect to an acquisition;
- strain on the operational and managerial controls and procedures of our business, and the need to modify systems or to add management resources;
- difficulties in the integration and retention of customers, suppliers or personnel and the integration and effective deployment of operations or technologies;
- amortization of acquired assets, which would reduce future reported earnings;
- possible adverse short-term effects on our cash flows or operating results;
- diversion of management's attention from the ongoing operations of our business;
- integrating personnel with diverse backgrounds and organizational cultures;
- coordinating sales and marketing functions;
- failure to obtain and retain key personnel of an acquired business; and
- assumption of known or unknown material liabilities or regulatory non-compliance issues.

Failure to manage these acquisition risks could have an adverse effect on us.

We have a substantial amount of goodwill and other intangible assets recorded on our balance sheet, partly because of acquisitions and business combination transactions. The amortization of acquired intangible assets will reduce our future reported earnings. Furthermore, if our goodwill or other intangible assets become impaired, we may be required to recognize non-cash charges that would reduce our income.

As of December 31, 2021, we had \$468 million of goodwill and other intangibles recorded on our consolidated balance sheet. A substantial portion of these intangible assets results from acquisitions we have made over the past several years. The excess of the cost of an acquisition over the fair value of identifiable tangible and intangible assets is assigned to goodwill. The amortization expense associated with our identifiable intangible assets will have a negative effect on our future reported earnings. Many other companies, including many of our competitors, may not have the significant acquired intangible assets that we have because they may not have participated in recent acquisitions and business combination transactions similar to ours. Thus, the amortization of identifiable intangible assets may not negatively affect their reported earnings to the same degree as ours.

Additionally, under U.S. generally accepted accounting principles, goodwill and certain other indefinite-lived intangible assets are not amortized, but must be reviewed for possible impairment annually, or more often in certain circumstances where events indicate that the asset values are not recoverable. These reviews could result in an earnings charge for impairment, which would reduce our net income even though there would be no impact on our underlying cash flow.

We face risks associated with conducting business in markets outside of North America.

We currently conduct substantial business in countries outside of North America, and we are subject to geopolitical events and risks related to international instability. We could be materially and adversely affected by economic, legal, political and regulatory developments in the countries in which we do business in the future or in which we expand our business, particularly those countries which have historically experienced a high degree of political or economic instability. Examples of risks inherent in such non-North American activities include:

- changes in the political and economic conditions in the countries in which we operate, including civil uprisings, terrorist acts, wars, civil insurrections and armed uprisings;
- unexpected changes in regulatory requirements;
- changes in tariffs and duties;
- the adoption of foreign or domestic laws limiting exports to or imports from certain foreign countries;
- fluctuations in currency exchange rates and the value of the U.S. dollar;
- restrictions on repatriation of earnings;
- expropriation of property without fair compensation;
- governmental actions that result in the deprivation of contract or proprietary rights; and
- the acceptance of business practices which are not consistent with or are antithetical to prevailing business practices we are accustomed to in North America including export compliance and anti-bribery practices and governmental sanctions.

If we begin doing business in a foreign country in which we do not presently operate, we may also face difficulties in operations and diversion of management time in connection with establishing our business there.

Risks Related to Our Capital Structure

Our indebtedness may affect our ability to operate our business, and this could have a material adverse effect on us.

We have now and will likely continue to have indebtedness. As of December 31, 2021, we had total debt outstanding of \$297 million and excess availability of \$484 million under our credit facilities. We may incur significant additional indebtedness in the future. If new indebtedness is added to our current indebtedness, the risks described below could increase. Our significant level of indebtedness could have important consequences, such as:

- limiting our ability to obtain additional financing to fund our working capital, acquisitions, expenditures, debt service requirements or other general corporate purposes;
- limiting our ability to use operating cash flow in other areas of our business because we must dedicate a substantial portion of these funds to service debt;
- limiting our ability to compete with other companies who are not as highly leveraged;
- subjecting us to restrictive financial and operating covenants in the agreements governing our and our subsidiaries' long-term indebtedness;
- exposing us to potential events of default (if not cured or waived) under financial and operating covenants contained in our or our subsidiaries' debt instruments that could have a material adverse effect on our business, results of operations and financial condition;
- increasing our vulnerability to a downturn in general economic conditions or in pricing of our products; and
- limiting our ability to react to changing market conditions in our industry and in our customers' industries.

Our ability to make scheduled debt payments, to refinance our obligations with respect to our indebtedness and to fund capital and non-capital expenditures necessary to maintain the condition of our operating assets, properties and systems software, as well as to provide capacity for the growth of our business, depends on our financial and operating performance. Our business may not generate sufficient cash flow from operations, and future borrowings may not be available to us under our credit facilities in an amount sufficient to enable us to pay our indebtedness or to fund our other liquidity needs. We may seek to sell assets to fund our liquidity needs but may not be able to do so. We may also need to refinance all or a portion of our indebtedness on or before maturity. We may not be able to refinance any of our indebtedness on commercially reasonable terms or at all.

In addition, we are and will be subject to covenants contained in agreements governing our present and future indebtedness. These covenants include and will likely include restrictions on operations, business and capital flexibility.

Any defaults under our credit facilities, including our global asset-based lending facility ("Global ABL Facility"), our senior secured term loan B ("Term Loan") or our other debt could trigger cross defaults under other or future credit agreements and may permit acceleration of our other indebtedness. If our indebtedness is accelerated, we cannot be certain that we will have sufficient funds available to pay the accelerated indebtedness or that we will have the ability to refinance the accelerated indebtedness on terms favorable to us or at all. For a description of our credit facilities and indebtedness, see "Item 7—Management's Discussion and Analysis of Financial Condition and Results of Operations—Liquidity and Capital Resources".

Our parent company, MRC Global Inc., is a holding company and depends upon our subsidiaries for its cash flow.

Our parent company, MRC Global Inc., is a holding company. Our subsidiaries conduct all of our operations and own substantially all of our assets. Consequently, our parent company's cash flow and its ability to meet its obligations or to pay dividends or make other distributions in the future will depend upon the cash flow of our subsidiaries and our subsidiaries' payment of funds to MRC Global Inc. in the form of dividends, tax sharing payments or otherwise.

The ability of our subsidiaries to make any payments to us will depend on their earnings, the terms of their current and future indebtedness, tax considerations and legal and contractual restrictions on the ability to make distributions. In particular, our subsidiaries' credit facilities currently impose limitations on the ability of our subsidiaries to make distributions to us and consequently our ability to pay dividends to our stockholders. Subject to limitations in our credit facilities, our subsidiaries may also enter into additional agreements that contain covenants prohibiting them from distributing or advancing funds or transferring assets to us under certain circumstances, including to pay dividends.

Our subsidiaries are separate and distinct legal entities. Any right that we have to receive any assets of or distributions from any of our subsidiaries upon the bankruptcy, dissolution, liquidation or reorganization, or to realize proceeds from the sale of their assets, will be junior to the claims of that subsidiary's creditors, including trade creditors and holders of debt that the subsidiary issued.

Changes in our credit profile may affect our relationship with our suppliers, which could have a material adverse effect on our liquidity.

Changes in our credit profile may affect the way our suppliers view our ability to make payments and may induce them to shorten the payment terms of their invoices if they perceive our indebtedness to be high. Given the large dollar amounts and volume of our purchases from suppliers, a change in payment terms may have a material adverse effect on our liquidity and our ability to make payments to our suppliers and, consequently, may have a material adverse effect on us.

We may need additional capital in the future, and it may not be available on acceptable terms, or at all.

We may require more capital in the future to:

- fund our operations;
- finance investments in equipment and infrastructure needed to maintain and expand our distribution capabilities;
- enhance and expand the range of products we offer; and
- respond to potential strategic opportunities, such as investments, acquisitions and international expansion.

Additional financing may not be available on terms favorable to us, or at all. The terms of available financing may place limits on our financial and operating flexibility. If adequate funds are not available on acceptable terms, we may be forced to reduce our operations or delay, limit or abandon expansion opportunities. Moreover, even if we are able to continue our operations, the failure to obtain additional financing could reduce our competitiveness.

Legal and Liability Risks

We may not have adequate insurance for potential liabilities, including liabilities arising from litigation.

In the ordinary course of business, we have, and in the future, may become the subject of various claims, lawsuits and administrative proceedings seeking damages or other remedies concerning our commercial operations, the products we distribute, employees and other matters, including potential claims by individuals alleging exposure to hazardous materials as a result of the products we distribute or our operations. Some of these claims may relate to the activities of businesses that we have acquired, even though these activities may have occurred prior to our acquisition of the businesses. The products we distribute are sold primarily for use in the energy, industrial gas utility sectors, which are subject to inherent risks that could result in death, personal injury, property damage, pollution, release of hazardous substances or loss of production. In addition, defects in the products we distribute could result in death, personal injury, property damage, pollution, release of hazardous substances or damage to equipment and facilities. Actual or claimed defects in the products we distribute may give rise to claims against us for losses and expose us to claims for damages.

We maintain insurance to cover certain of our potential losses, and we are subject to various self-insured retentions, deductibles and caps under our insurance. It is possible, however, that judgments could be rendered against us in cases in which we would be uninsured and beyond the amounts of insurance we have or beyond the amounts that we currently have reserved or anticipate incurring for these matters. Even a partially uninsured claim, if successful and of significant size, could have a material adverse effect on us. Furthermore, we may not be able to continue to obtain insurance on commercially reasonable terms in the future, and we may incur losses from interruption of our business that exceed our insurance coverage. Even in cases where we maintain insurance coverage, our insurers may raise various objections and exceptions to coverage that could make uncertain the timing and amount of any possible insurance recovery. Finally, while we may have insurance coverage, we cannot guarantee that the insurance carrier will have the financial wherewithal to pay a claim otherwise covered by insurance, and as a result we may be responsible for any such claims.

Due to our position as a distributor, we are subject to personal injury, product liability and environmental claims involving allegedly defective products.

Our customers use certain of the products we distribute in potentially hazardous applications that can result in personal injury, product liability and environmental claims. A catastrophic occurrence at a location where end users use the products we distribute may result in us being named as a defendant in lawsuits asserting potentially large claims, even though we did not manufacture the products. Applicable law may render us liable for damages without regard to negligence or fault. In particular, certain environmental laws provide for joint and several and strict liability for remediation of spills and releases of hazardous substances. Certain of these risks are reduced by the fact that we are a distributor of products that third-party manufacturers produce, and, thus, in certain circumstances, we may have third-party warranty or other claims against the manufacturer of products alleged to have been defective. However, there is no assurance that these claims could fully protect us or that the manufacturer would be able financially to provide protection. There is no assurance that our insurance coverage will cover or be adequate to cover the underlying claims. Our insurance does not provide coverage for all liabilities (including but not limited to liability for certain events involving pollution or other environmental claims). Our insurance does not cover damages from breach of contract by us or based on alleged fraud or deceptive trade practices.

We are a defendant in asbestos-related lawsuits. Exposure to these and any future lawsuits could have a material adverse effect on us.

We are a defendant in lawsuits involving approximately 1,161 claims, arising from exposure to asbestos-containing materials included in products that we are alleged to have distributed. Each claim involves allegations of exposure to asbestos-containing materials by a single individual, his or her spouse or family members. The complaints in these lawsuits typically name many other defendants. In the majority of these lawsuits, little or no information is known regarding the nature of the plaintiffs' alleged injuries or their connection with the products we distributed. The potential liability associated with asbestos claims is subject to many uncertainties, including negative trends with respect to settlement payments, dismissal rates and the types of medical conditions alleged in pending or future claims, negative developments in the claims pending against us, the current or future insolvency of co-defendants, adverse changes in relevant laws or the interpretation of those laws and the extent to which insurance will be available to pay for defense costs, judgments or settlements. In addition, applicable insurance policies are subject to overall caps on limits, which coverage may exhaust the amount available from insurers under those limits. In those cases, the Company is seeking indemnity payments from responsive excess insurance policies, but other insurers may not be solvent or may not make payments under the policies without contesting their liability. Further, while we anticipate that additional claims will be filed against us in the future, we are unable to predict with any certainty the number, timing and magnitude of future claims. Therefore, pending or future asbestos litigation may ultimately have a material adverse effect on us. See "Item 7—Management's Discussion and Analysis of Financial Condition and Results of Operations—Contractual Obligations, Commitments and Contingencies—Legal Proceedings" and "Item 3—Legal Proceedings" for more information.

We are subject to U.S. and other anti-corruption laws, trade controls, economic sanctions, and similar laws and regulations, including those in the jurisdictions where we operate. Our failure to comply with these laws and regulations could subject us to civil, criminal and administrative penalties and harm our reputation.

Doing business on a worldwide basis requires us to comply with the laws and regulations of the U.S. government and various foreign jurisdictions. These laws and regulations place restrictions on our operations, trade practices, partners and investment decisions. In particular, our operations are subject to U.S. and foreign anti-corruption, anti-bribery and trade control laws and regulations, such as the Foreign Corrupt Practices Act ("FCPA"), export controls and economic sanctions programs, including those administered by the U.S. Treasury Department's Office of Foreign Assets Control ("OFAC"). As a result of doing business in foreign countries and with foreign partners, we are exposed to a heightened risk of violating anti-corruption, anti-bribery and trade control laws and sanctions regulations.

The FCPA prohibits us from providing anything of value to foreign officials for the purposes of obtaining or retaining business or securing any improper business advantage. It also requires us to keep books and records that accurately and fairly reflect the Company's transactions. As part of our business, we may deal with state-owned business enterprises, the employees of which are considered foreign officials for purposes of the FCPA. In addition, the provisions of the United Kingdom Bribery Act (the "Bribery Act") and other laws extend beyond bribery of foreign public officials and also apply to transactions with individuals that a government does not employ.

Economic sanctions programs restrict our business dealings with certain sanctioned countries, persons and entities. In addition, because we act as a distributor, we face the risk that our customers might further distribute our products to a sanctioned person or entity, or an ultimate end-user in a sanctioned country, which might subject us to an investigation concerning compliance with OFAC or other sanctions regulations.

Violations of anti-corruption and trade control laws and sanctions regulations are punishable by civil penalties, including fines, denial of export privileges, injunctions, asset seizures, debarment from government contracts and revocations or restrictions of licenses, as well as criminal fines and imprisonment. Such a violation could have a material adverse effect on our reputation, business, financial condition and results of operations. In addition, various state and municipal governments, universities and other investors maintain prohibitions or restrictions on investments in companies that do business with sanctioned countries, persons and entities, which could adversely affect the market for our common stock and other securities.

We are exposed to risks relating to evaluations of controls required by Section 404 of the Sarbanes-Oxley Act of 2002 (the “Sarbanes-Oxley Act”).

Section 404 of the Sarbanes-Oxley Act requires us to annually evaluate our internal controls systems over financial reporting. This is not a static process as we may change our processes each year or acquire new companies that have different controls than our existing controls. Upon completion of this process each year, we may identify control deficiencies of varying degrees of severity under applicable U.S. Securities and Exchange Commission (“SEC”) and Public Company Accounting Oversight Board (“PCAOB”) rules and regulations that remain unremediated. We are required to report, among other things, control deficiencies that constitute a “material weakness” or changes in internal controls that, or that are reasonably likely to, materially affect internal controls over financial reporting. A “material weakness” is a significant deficiency or combination of significant deficiencies in internal control over financial reporting that results in a reasonable possibility that a material misstatement of the annual or interim financial statements will not be prevented or detected and corrected on a timely basis.

We could suffer a loss of confidence in the reliability of our financial statements if we or our independent registered public accounting firm reports a material weakness in our internal controls, if we do not develop and maintain effective controls and procedures or if we are otherwise unable to deliver timely and reliable financial information. Any loss of confidence in the reliability of our financial statements or other negative reaction to our failure to develop timely or adequate disclosure controls and procedures or internal controls could result in a decline in the price of our common stock. In addition, if we fail to remedy any material weakness, our financial statements may be inaccurate, we may face restricted access to the capital markets and our stock price may be adversely affected.

Compliance with and changes in laws and regulations in the countries in which we operate could have a significant financial impact and affect how and where we conduct our operations.

We have operations in the U.S. and in 15 other countries. Expected and unexpected changes in the business and legal environments in the countries in which we operate can impact us. Compliance with and changes in laws, regulations and other legal and business issues could impact our ability to manage our costs and to meet our earnings goals. Compliance related matters could also limit our ability to do business in certain countries. Changes that could have a significant cost to us include new legislation, new regulations, or a differing interpretation of existing laws and regulations, changes in tax law or tax rates, the unfavorable resolution of tax assessments or audits by various taxing authorities, changes in trade and other treaties that lead to differing tariffs and trade rules, the expansion of currency exchange controls, export controls or additional restrictions on doing business in countries subject to sanctions in which we operate or intend to operate.

ITEM 1B. UNRESOLVED STAFF COMMENTS

Not applicable.

ITEM 2. PROPERTIES

In North America, we operate a hub and spoke model that is centered around our seven distribution centers in the U.S. and Canada with 92 service center locations which have inventory and local employees and house 13 valve and engineering service centers. Our U.S. network is comprised of 83 service center locations and six distribution centers. In Canada, we have 9 service center locations and one distribution center. We own less than 3% of our service center locations as we primarily lease these facilities. All of our distribution centers are leased.

Outside North America, we operate through a network of 21 service center locations located throughout Europe, Asia, Australasia and the Middle East, including six distribution centers in the United Kingdom, Norway, Singapore, the Netherlands, the United Arab Emirates and Australia. Twelve valve and engineering service centers are housed within our distribution centers and service center locations. We own our Brussels, Belgium location, and the remainder of our locations are leased.

Our Company maintains its principal executive office at 1301 McKinney Street, Suite 2300, Houston, Texas, 77010 and also maintains corporate offices in Charleston, West Virginia and La Porte, Texas. These locations have corporate functions such as executive management, accounting, human resources, legal, marketing, supply chain management, business development and information technology.

ITEM 3. LEGAL PROCEEDINGS

From time to time, we have been subject to various claims and involved in legal proceedings incidental to the nature of our businesses. We maintain insurance coverage to reduce financial risk associated with certain of these claims and proceedings. It is not possible to predict the outcome of these claims and proceedings. However, in our opinion, there are no pending legal proceedings that upon resolution are likely to have a material effect on our business, financial condition, results of operations or cash flows.

Also, from time to time, in the ordinary course of our business, our customers may claim that the products that we distribute are either defective or require repair or replacement under warranties that either we or the manufacturer may provide to the customer. These proceedings are, in the opinion of management, ordinary and routine matters incidental to our normal business. Our purchase orders with our suppliers generally require the manufacturer to indemnify us against any product liability claims, leaving the manufacturer ultimately responsible for these claims. In many cases, state, provincial or foreign law provides protection to distributors for these sorts of claims, shifting the responsibility to the manufacturer. In some cases, we could be required to repair or replace the products for the benefit of our customer and seek our recovery from the manufacturer for our expense. In the opinion of management, the ultimate disposition of these claims and proceedings are not expected to have a material adverse effect on our financial position, results of operations or cash flows.

For information regarding asbestos cases in which we are a defendant and other claims and proceedings, see “Item 7—Management’s Discussion and Analysis of Financial Condition and Results of Operations—Contractual Obligations, Commitments and Contingencies—Legal Proceedings” and “Note 17—Commitments and Contingencies” to our audited consolidated financial statements included elsewhere in this report.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

EXECUTIVE OFFICERS OF THE REGISTRANT

The name, age, period of service and the title of each of our executive officers as of February 16, 2022, are listed below.

Robert J. Saltiel, Jr., age 59, has served as our president and chief executive officer (“CEO”) and a member of our board of directors since March 2021. Prior to this, he served as president and CEO of Key Energy Services from 2018 to 2019 and of Atwood Oceanics from 2009 to 2017. Mr. Saltiel held positions of increasing leadership in strategy, operations and marketing at Transocean from 2003 to 2009. Mr. Saltiel’s prior experience includes positions at Nabors Industries, Enron Corp., McKinsey & Co. and ExxonMobil. Mr. Saltiel received a B.S. in chemical engineering from Princeton University in 1985 (magna cum laude) and an MBA from Northwestern University in 1990.

Kelly Youngblood, age 56, has served as our executive vice president and chief financial officer since March 2020 and executive vice president since November 2019. Prior to joining the Company, Mr. Youngblood served as executive vice president and chief financial officer of BJ Services from December 2017 to November 2019 and prior to that was the senior vice president and chief financial officer at Diamond Offshore Drilling, Inc. from 2016 to 2017. He has also held a variety of finance and accounting positions of increasing responsibility at Halliburton, including vice president of investor relations. Mr. Youngblood is a CPA and received a B.A. in Accounting from Cameron University.

Daniel J. Churay, age 59, has served as our executive vice president – corporate affairs, general counsel, and corporate secretary since May 2012. In his current role, Mr. Churay manages the Company’s legal, risk and compliance, cyber security, external and government affairs and certain shared services functions. He also acts as corporate secretary to the Board. From 2012 until 2021, he served as chief human resources officer. Mr. Churay joined the Company in August 2011 as executive vice president and general counsel. Mr. Churay’s prior experience includes positions at Rex Energy, YRC Worldwide, Inc., Baker Hughes and Norton Rose Fulbright. Mr. Churay received a bachelor’s degree in economics from the University of Texas and a juris doctorate from the University of Houston Law Center.

Grant Bates, age 50, is our senior vice president of North America operations and e-commerce since July 2021. Before that he served as senior vice president of strategy, corporate development and e-commerce since April 2020. Prior to that he served as senior vice president of operations, International and Canada, and operational excellence. Prior to January 2019, Mr. Bates was our senior vice president and chief information officer since April 2016. Mr. Bates previously led our Canada region since March 2014 and prior to that served in various roles with the Company and one of its predecessors. Mr. Bates holds a B.E. in mechanical engineering from the University of Newcastle, a graduate diploma in management and a Master of Business Administration from Deakin University.

Steve Smith, age 54, is our senior vice president of international operations. Prior to that he served as vice president of Europe, Middle East and Africa and has held multiple sales and operations leadership roles at MRC Global and one of its predecessors.

Rance Long, age 53, serves as our senior vice president of sales and marketing. Most recently he served as our vice president business development, midstream pipeline & gas utilities since 2013. Prior to this role, he served as vice president of line pipe and was responsible for all line pipe sales in the US. He joined MRC Global as part of the acquisition of LaBarge Pipe and Steel in 2008. Mr. Long holds a bachelor’s degree in construction from Southern Illinois University Edwardsville.

Jack McCarthy, age 56, currently serves as our senior vice president of supply chain. Most recently, he served as our vice president of supply chain and technical sales. Prior to that role, Mr. McCarthy served as vice president of carbon steel pipe, fittings, flanges and VAMI supply chain management where he led our line pipe team since 2011 with responsibilities for our carbon steel fittings and flanges being added in 2016. Prior to joining MRC Global with the acquisition of LaBarge Pipe and Steel in 2005, he held roles in business development, sales and sales management in the industrial distribution industry for 17 years. Mr. McCarthy is a graduate of the University of Illinois at Urbana-Champaign and is a former vice president and board member of the National Association of Steel Pipe Distributors.

Malcolm O’Neal, age 48, serves as our senior vice president of human resources. Mr. O’Neal served as BJ Services’ vice president, human resources & administration since 2017. Mr. O’Neal previously held senior management positions including North American HR vice president of Schindler Elevator Company since 2015 and positions at Ascend Performance Materials, Tyco International, Dupont, Wyeth and Milliken. Mr. O’Neal holds a B.S. in chemistry from Clemson University, an MS in human resource development from Clemson University and an MBA from Penn State University.

Gillian Anderson, age 36, serves as our vice president and chief accounting officer. Prior to that role, she held various positions with Ernst & Young LLP, including audit senior manager. Ms. Anderson is a CPA and a chartered accountant through the Institute of Chartered Accountants of Scotland. She holds an MA in accountancy and finance (with honors) from the University of Aberdeen (Scotland).

PART II

ITEM 5. MARKET FOR THE REGISTRANT’S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

As of February 9, 2022, there were 125 holders of record of the Company’s common stock.

The Company’s common stock is traded on the New York Stock Exchange (“NYSE”) under the symbol “MRC”.

Our board of directors has not declared any dividends on common stock during 2021 or 2020 and currently has no intention to declare any dividends on common stock.

The Company’s Global ABL Facility, Term Loan and our 6.5% Series A Convertible Perpetual Preferred Stock restrict our ability to declare cash dividends under certain circumstances. Any future dividends declared would be at the discretion of our board of directors and would depend on our financial condition, results of operations, cash flows, contractual obligations, the terms of our financing agreements at the time a dividend is considered, and other relevant factors.

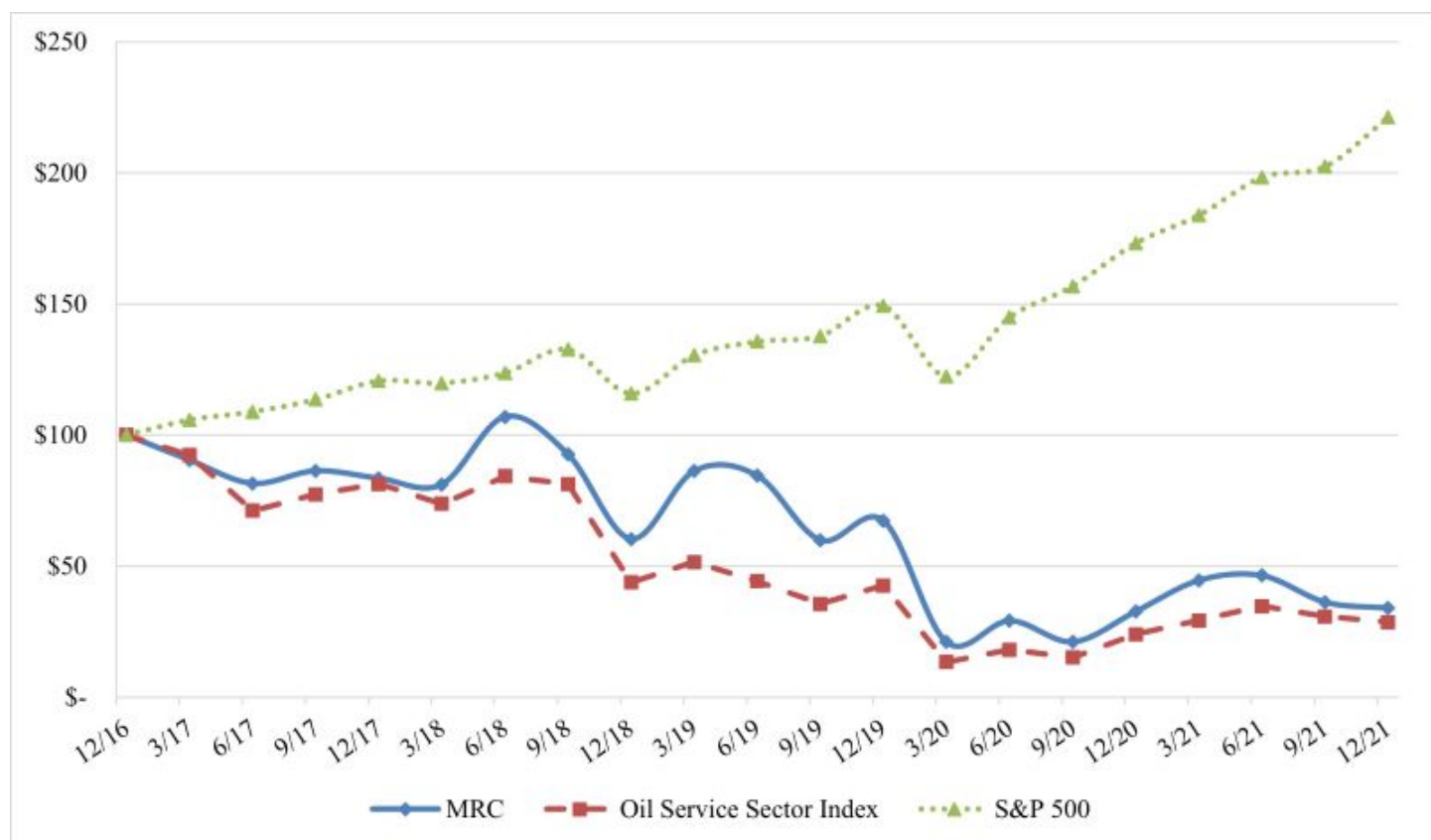
Issuer Purchases of Securities

None.

PERFORMANCE GRAPH

The graph below compares the cumulative total shareholder return on our common stock to the S&P 500 Index and the Philadelphia Oil Service Sector Index. The total shareholder return assumes \$100 invested on December 31, 2016, in MRC Global Inc., the S&P 500 Index and the Philadelphia Oil Service Sector Index. It also assumes reinvestment of all dividends. The results shown in the graph below are not necessarily indicative of future performance.

Comparison of Cumulative Total Return



This information shall not be deemed to be “soliciting material” or to be “filed” with the SEC or subject to Regulation 14A (17-CFR 240.14a-1-240.14a-104), other than as provided in Item 201(e) of Regulation S-K, or to the liabilities of Section 18 of the Exchange Act (15 U.S.C. 78r).

ITEM 6. SELECTED FINANCIAL DATA

Reserved.

ITEM 7. MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

You should read the following discussion and analysis of our financial condition and results of operations in conjunction with our financial statements and related notes included elsewhere in this report. This discussion and analysis contains forward-looking statements that involve risks, uncertainties and assumptions. Our actual results may differ materially from those anticipated in these forward-looking statements as a result of a number of factors, including, but not limited to, those set forth under “Cautionary Note Regarding Forward-Looking Statements” and “Item 1A—Risk Factors” and elsewhere in this report.

Cautionary Note Regarding Forward-Looking Statements

Management’s Discussion and Analysis of Financial Condition and Results of Operations (as well as other sections of this Annual Report on Form 10-K) contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Forward-looking statements include those preceded by, followed by or including the words “will,” “expect,” “intended,” “anticipated,” “believe,” “project,” “forecast,” “propose,” “plan,” “estimate,” “enable,” and similar expressions, including, for example, statements about our business strategy, our industry, our future profitability, growth in the industry sectors we serve, our expectations, beliefs, plans, strategies, objectives, prospects and assumptions, and estimates and projections of future activity and trends in the energy, industrial and gas utilities industry. These forward-looking statements are not guarantees of future performance. These statements are based on management’s expectations that involve a number of business risks and uncertainties, any of which could cause actual results to differ materially from those expressed in or implied by the forward-looking statements. These statements involve known and unknown risks, uncertainties and other factors, most of which are difficult to predict and many of which are beyond our control, including the factors described under “Item 1A. Risk Factors,” that may cause our actual results and performance to be materially different from any future results or performance expressed or implied by these forward-looking statements. Such risks and uncertainties include, among other things:

- decreases in capital and other expenditure levels in the industries that we serve;
- U.S. and international general economic conditions;
- decreases in oil and natural gas prices;
- unexpected supply shortages;
- loss of third-party transportation providers;
- cost increases by our suppliers and transportation providers;
- increases in steel prices, which we may be unable to pass along to our customers which could significantly lower our profit;
- our lack of long-term contracts with most of our suppliers;
- suppliers’ price reductions of products that we sell, which could cause the value of our inventory to decline;
- decreases in steel prices, which could significantly lower our profit;
- a decline in demand for certain of the products we distribute if tariffs and duties on these products are imposed or lifted;
- holding more inventory than can be sold in a commercial time frame;
- significant substitution of renewables and low-carbon fuels for oil and gas, impacting demand for our products;
- risks related to adverse weather events or natural disasters;
- environmental, health and safety laws and regulations and the interpretation or implementation thereof;
- changes in our customer and product mix;
- the risk that manufacturers of the products we distribute will sell a substantial amount of goods directly to end users in the industry sectors we serve;
- failure to operate our business in an efficient or optimized manner;
- our ability to compete successfully with other companies in our industry
- our lack of long-term contracts with many of our customers and our lack of contracts with customers that require minimum purchase volumes;

- inability to attract and retain our employees or the potential loss of key personnel;
- adverse health events, such as a pandemic;
- interruption in the proper functioning of our information systems;
- the occurrence of cybersecurity incidents;
- risks related to our customers' creditworthiness;
- the success of our acquisition strategies;
- the potential adverse effects associated with integrating acquisitions into our business and whether these acquisitions will yield their intended benefits;
- impairment of our goodwill or other intangible assets;
- adverse changes in political or economic conditions in the countries in which we operate;
- our significant indebtedness;
- the dependence on our subsidiaries for cash to meet our parent company's obligations;
- changes in our credit profile;
- potential inability to obtain necessary capital;
- the sufficiency of our insurance policies to cover losses, including liabilities arising from litigation;
- product liability claims against us;
- pending or future asbestos-related claims against us;
- exposure to U.S. and international laws and regulations, regulating corruption, limiting imports or exports or imposing economic sanctions;
- risks relating to ongoing evaluations of internal controls required by Section 404 of the Sarbanes-Oxley Act; and
- risks related to changing laws and regulations including trade policies and tariffs.

Undue reliance should not be placed on our forward-looking statements. Although forward-looking statements reflect our good faith beliefs, reliance should not be placed on forward-looking statements because they involve known and unknown risks, uncertainties and other factors, which may cause our actual results, performance or achievements to differ materially from anticipated future results, performance or achievements expressed or implied by such forward-looking statements. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, changed circumstances or otherwise, except to the extent law requires.

Overview

We are the leading global distributor of pipe, valves, and fittings ("PVF") and other infrastructure products and services to diversified energy, industrial and gas utility end-markets. We provide innovative supply chain solutions, technical product expertise and a robust digital platform to customers globally through our leading position across each of our diversified end-markets including the following sectors:

- gas utilities (storage and distribution of natural gas)
- downstream, industrial and energy transition (crude oil refining, petrochemical and chemical processing, general industrials and energy transition projects)
- upstream production (exploration, production and extraction of underground oil and gas)
- midstream pipeline (gathering, processing and transmission of oil and gas)

We offer over 250,000 SKUs, including an extensive array of PVF, oilfield supply, valve automation and modification, measurement, instrumentation and other general and specialty products from our global network of over 10,000 suppliers. With over 100 years of history, our over 2,600 employees serve approximately 10,000 customers through approximately 210 service locations including regional distribution centers, service centers, corporate offices and third party pipe yards, where we often deploy pipe near customer locations.

Our customers use the PVF and other infrastructure products that we supply in mission critical process applications that require us to provide a high degree of product knowledge, technical expertise and comprehensive value-added services to our customers. We seek to provide best-in-class service and a one-stop shop for customers by satisfying the most complex, multi-site needs of many of the largest companies in the energy, industrial and gas utilities sectors as their primary PVF supplier. We believe the critical role we play in our customers' supply chain, together with our extensive product and service offerings, broad global presence, customer-linked scalable information systems and efficient distribution capabilities, serve to solidify our long-standing customer relationships and drive our growth. As a result, we have an average relationship of over 25 years with our 25 largest customers.

Key Drivers of Our Business

We derive our revenue predominantly from the sale of PVF and other oilfield and industrial supplies to energy, industrial and gas utility customers globally. Our business is, therefore, dependent upon both the current conditions and future prospects in these industries and, in particular, maintenance and expansionary operating and capital expenditures by our customers in each of our sectors. The outlook for PVF spending is influenced by numerous factors, including the following:

- *Energy Infrastructure Integrity and Modernization.* Ongoing maintenance and upgrading of existing energy facilities, pipelines and other infrastructure equipment is a meaningful driver for business across the sectors we serve. This is particularly true for gas utilities, which is currently our largest sector by sales. Activity with customers in this sector is dependent on new residential and commercial development as well as upgrades of existing infrastructure. Maintenance of an aging network of pipelines and local distribution networks is a critical requirement for these customers irrespective of broader economic conditions. As a result, this business tends to be more stable over time and moves independently of commodity prices.
- *Oil and Natural Gas Demand and Prices.* Sales of PVF and infrastructure products to the oil and natural gas industry constitute a significant portion of our sales. As a result, we depend upon oil and natural gas participants to make maintenance and capital expenditures to explore for, produce and process oil, natural gas and refined products. Demand for oil and natural gas, current and projected commodity prices and the costs necessary to produce oil and gas impact customer capital spending, additions to and maintenance of pipelines, refinery utilization and petrochemical processing activity. Additionally, as these participants rebalance their capital investment away from traditional, carbon-based energy toward alternative sources, we expect to continue to supply them and enhance our product and service offerings to support their changing requirements, including in areas such as carbon capture utilization and storage, biofuels and offshore wind.
- *Economic Conditions.* Changes in the general economy or in the energy sector (domestically or internationally) can cause demand for fuels, feedstocks and petroleum-derived products to vary, thereby causing demand for the products we distribute to materially change.
- *Manufacturer and Distributor Inventory Levels of PVF and Related Products.* Manufacturer and distributor inventory levels of PVF and related products can change significantly from period to period. Increased inventory levels by manufacturers or other distributors can cause an oversupply of PVF and related products in the industry sectors we serve and reduce the prices that we are able to charge for the products we distribute. Reduced prices, in turn, would likely reduce our profitability. Conversely, decreased manufacturer inventory levels may ultimately lead to increased demand for our products and often result in increased revenue, higher PVF pricing and improved profitability.
- *Steel Prices, Availability and Supply and Demand.* Fluctuations in steel prices can lead to volatility in the pricing of the products we distribute, especially carbon steel line pipe products, which can influence the buying patterns of our customers. A majority of the products we distribute contain various types of steel. The worldwide supply and demand for these products and other steel products that we do not supply, impact the pricing and availability of our products and, ultimately, our sales and operating profitability. Additionally, supply chain disruptions with key manufacturers or in markets in which we source products can impact the availability of inventory we require to support our customers. Furthermore, logistical challenges, including inflation and availability of freight providers and containers for shipping can also significantly impact our profitability and inventory lead-times.

Recent Trends and Outlook

We have made significant strides in increasing the diversification of our end markets over the last few years supporting our customers in the gas utilities sector and traditional energy markets, along with other industrial end markets and the rapidly evolving energy transition. For the year ended 2021, 67% of our revenue was derived from our gas utility and downstream, industrial and energy transition ("DIET") sectors, with the remainder in the upstream production and midstream pipeline sectors.

Gas Utilities

Our gas utility business had the most significant contribution to our revenue improvement in 2021 generating \$1 billion in revenue, an increase of 21% compared to 2020. This continues to be our largest sector, making up 38% of our total company revenue in 2021. This business, which is largely independent of oil and gas commodity prices, was initially impacted by certain customer activity delays due to COVID-19 concerns but did not experience any material budget cuts or project cancellations. This sector is expected to have continued growth in 2022 due to increased activity levels resulting from integrity upgrade programs as well as new home construction. We currently have contracts with nine of the top ten U.S. gas utility companies, based on meter count. A recent analyst report estimates a low double-digit increase in the capital expenditures of gas utilities for the 3-year forward period of 2021-2023 as compared to the preceding 3-year period of 2018-2020. Other recent research analyst projections indicate a similar double-digit increase in capital expenditures for our largest gas utility customers in 2022 compared to 2021.

Our gas utilities customers execute multi-year programs where they continually evaluate, monitor and implement measures to improve their pipeline distribution networks, ensuring the safety and the integrity of their system. As of 2020, which is the most recently available information, the Pipeline and Hazardous Materials Safety Administration (PHMSA) estimates approximately 38% of the gas distribution main and service line miles are over 40 years old or of unknown origin. This infrastructure requires continuous replacement and maintenance as these gas distribution networks continue to age. We supply many of the replacement products including valves, line pipe, smart meters, risers and other gas products. A large percentage of the line pipe we sell is sold to our gas utilities customers for line replacement and new sections of their distribution network. Additionally, as our gas utility customers connect new homes and businesses to their gas distribution network, the growth in the housing market creates new revenue opportunities for our business to supply the related infrastructure products. Notwithstanding that certain states and cities are imposing bans on new natural gas connections in certain new homes and buildings, the growth in housing continues to be supportive of growth in our business as the housing market has been robust, with new housing starts increasing by 15% in 2021 over 2020. The compound annual growth rate since 2010 for this sector is 11% and based on the secular drivers underlying our customers' businesses, we expect this area of our business to continue to have steady growth for the foreseeable future.

Downstream, Industrial and Energy Transition (DIET)

DIET, our second largest sector, generated 29% of our total company revenue for 2021. Although DIET revenue declined marginally compared to 2020, we have seen meaningful improvements in activity levels as impacts from COVID-19 on maintenance, repair and operations (MRO) and upgrade projects have moderated. This business has historically been less volatile than the upstream and midstream pipeline sectors as it is less commodity price dependent. The revenue allocation is generally evenly split between chemicals, refining and other industrial markets with a relatively stable installed base of facilities and as such, this sector is more weighted to MRO and turnaround project activity. This sector is expected to have growth in 2022 due to increased customer activity levels related to MRO, project turnaround activity and new energy transition related projects, which we began including in this sector's reporting in the third quarter of 2021.

Recent forecast projections by Industrial Info Resources (IIR) show expected spending, both MRO and projects, for chemical processing companies to increase low double digits in 2022 over 2021. Chemical companies benefit from the low cost, secure feedstock sources, such as that in the U.S. and have invested in building new facilities in recent years and are expected to build others in the future, which will provide us with new opportunities. We created a Downstream Center of Excellence to re-focus our efforts on improving market penetration in this sub-sector and capture more new projects as they are sanctioned. Global GDP is a driver of growth for the chemicals sector, which is expected to expand by 4.4% in 2022 according to the American Chemistry Council. As demand for plastics and other chemicals continues to rise with population growth and improving GDP, our global chemicals business will also continue to grow.

IIR also forecasts petroleum refining spending, both MRO and projects, to increase double digits, in 2022 over 2021. Analysts' estimates indicate our largest customers intend to increase spending strong double digits in 2022 over 2021. We serve some of the largest refiners in the U.S. and their related infrastructure is aging and requires consistent maintenance with scheduled and unscheduled turnarounds. During the heights of the pandemic, refining utilization declined significantly and much of the scheduled turnarounds were delayed. We started to see improvement in our refining business in the latter part of 2021 as customers increased activity related to necessary turnarounds. However, increased turnaround activity for our customer base is expected in 2022, based on IIR estimates.

While the energy transition portion of our business is relatively small today, the energy transition movement is in early stages of development, and we expect it to grow over the next several years. The outlook for energy transition projects in the coming years is robust, as growing momentum and pressure to decarbonize the economy rises. The regulatory regime in many countries is also pushing this effort with recent regulations such as the EU's carbon neutrality mandate, among many others. Also, many of our customers have made commitments to net zero emissions and to improve their ESG profile. Our customer base is one of the primary leaders in the energy transition movement and are positioned to lead the effort to decarbonize through nearer-term efforts such as renewable or biodiesel refineries and offshore wind electric generation as well as longer-term efforts such as carbon capture and storage, and hydrogen. These projects will require substantially the same products we currently provide today to these customers. We also sell low-emission valves, which represent 94% of the valves we sell currently. We are well-positioned to grow our energy transition business as we supply products for these projects through our long-standing customer relationships and our product and global supply chain expertise.

Upstream Production and Midstream Pipeline

The upstream production and midstream pipeline sectors of our business are the most cyclical in nature; however, in 2021 these sectors represented only about a third of our company revenues. In 2020, demand for oil and natural gas declined sharply because of the COVID-19 pandemic. This resulted in lower commodity prices, which, in turn, led to a significant decline in oil and gas industry spending, which had a material impact to both the upstream production and midstream pipeline components of our business. However, we have experienced an improvement in the demand for oil and natural gas as the roll out of the COVID-19 vaccinations gradually improved around the globe and pandemic restrictions eased. The increasing optimism related to demand recovery has led to higher commodity prices, which is typically positive for our business. Although demand levels remain below pre-pandemic levels, there continues to be growing confidence of returning to 2019 demand levels as soon as the end of 2022. Demand recovery could still possibly slow or pause as a result of additional waves of pandemic outbreak or heightened pandemic control measures. Over the longer term, we could also experience a structural shift in the global economy and its demand for oil and natural gas as a result of changes in the way people work, travel and interact.

Notwithstanding the ongoing uncertainty, our 2021 revenue recovered from the low point in the fourth quarter of 2020. Revenue in the second half of 2021 trended approximately 17% higher than the second half of 2020 run rate. We are expecting continued growth in all our sectors in 2022. Recent spending plan estimates by sell-side research analysts indicate U.S. upstream spending in 2022 will experience double-digit growth compared to 2021. However, the percentage increases can vary significantly by customer. We expect oil and gas exploration and production operators, particularly the larger public operators that typically represent a significant portion of our upstream revenue to have a continued focus on capital discipline. Additionally, analysts are projecting that North America upstream capital spending in 2022 will be more heavily weighted to drilling activity instead of completions activity. Completions are correlated more closely to our upstream revenues. Furthermore, since the U.S. rig count bottomed in the second quarter of 2020, private operators, who historically have represented a smaller portion of our upstream revenue, have driven the majority of the rig count. As such, our company upstream revenue may trend lower compared to projected market improvements in the U.S. upstream spending estimates.

Longer Term Outlook

In January 2021, the U.S. President took office and a new U.S. Congress was seated. Both have publicly stated a desire to support alternative energy sources such as solar, wind and “green” hydrogen, reduce U.S. emissions of greenhouse gases and generally address climate change. To that end, the new administration has implemented executive orders for the U.S. to rejoin the Paris Agreement, which presumably will require the U.S. to set greenhouse gas reduction goals and enact policies to meet those goals. It has also announced an aggressive policy agenda to change the tax system, increase corporate and other income taxes, modify the relationships between the United States and other countries and make changes that reverse actions taken by the prior President. Congress has made proposals to increase U.S. federal government spending significantly on infrastructure and programs to address climate change and to add new taxes to help pay for these proposals. In November 2021, Congress passed, and the President signed into law, H.R. 3684, the “Infrastructure Investment and Jobs Act”, the first of these proposals. This act is primarily focused on providing funding for upgrading roads, bridges, public transit, railways, broadband infrastructure and clean water projects. We do not expect this act to have a material impact on our business. As of the date of this filing, other proposals have not yet been enacted. Until specific laws are passed, executive actions are taken, or federal regulatory action is enacted, it is unclear what impact these policies will have on our business. However, we play a critical role in supporting economic growth, particularly in developing countries, and we believe that oil and gas demand will continue to be significant in the coming decades. We are also well-positioned to benefit from increases in new decarbonization infrastructure such as carbon capture, CO₂ and hydrogen pipelines as well as offshore wind electric generation.

We play a critical role in supporting our customers and the energy industry throughout the cycles. The U.S. Energy Information Administration's (“EIA”) Reference Case published in its International Energy Outlook 2021 that by 2050 world energy consumption will increase by nearly 50% between 2020 and 2050. Additionally, the EIA projects in its Reference Case renewable energy consumption to grow 15% in 2020 and to 27% in 2050 and natural gas consumption to grow by 31% between 2022 and 2050. This would require an increase in oil and gas to meet the rise in demand from current levels, which would continue to provide a robust market for our existing goods and services. Furthermore, our largest customers are among the leading investors in renewable energy technology. As they further rebalance their capital investment from traditional, carbon-based energy to alternative sources, we expect to continue to supply them and enhance our product and service offering as needed to support their changing requirements.

Supply Chain

As a distribution business, we have also closely monitored the ability of our suppliers and transportation providers to continue the functioning of our supply chain, particularly in cases where there are limited alternative sources of supply. Lead-times for purchases of certain products have extended substantially over the last few quarters and we expect continued disruptions related to both lead-times and logistics for the foreseeable future. We have not experienced significant delays by transportation providers, but we are experiencing significant increases in transportation costs as the economies of the U.S. and other countries recover from the COVID-19 pandemic. Our inventory position has allowed us to continue supply to most customers with little interruption. In those instances where there is interruption, we work with our customers to limit the impacts on their business and maintain an ongoing dialogue regarding the status of impacted orders. We also continue to monitor the current constrained labor market and related costs.

We have experienced significant inflation this year for certain product categories, especially in carbon steel pipe. Although inflation causes the price we pay for products to increase, we are generally able to leverage long-standing relationships with our suppliers and the high volume of our purchases to achieve market competitive pricing and preferential allocations of limited supplies. In addition, our contracts with customers generally allow us to pass price increases along to customers within a reasonable time after they occur. The imposition and removal of tariffs and quotas also impact pricing on imported product or product components. To the extent further pricing fluctuations impact our products, the impact on our revenue and cost of goods sold, which is determined using the last-in, first-out (“LIFO”) inventory costing methodology, remains subject to uncertainty and volatility.

COVID-19 Pandemic

We continue to have measures in place to safeguard the health and welfare of our employees, including (among other things) social distancing measures while at work, certain screening, providing personal protection equipment such as face masks and hand sanitizer and providing “deep” cleaning services at Company facilities. If we were to develop a COVID-19 outbreak at one of our facilities, we have plans to isolate those in contact with potentially infected employees and to either staff the facility with employees from other facilities or supply product to customers from other facilities. We monitor guidelines of the U.S. Centers for Disease Control (“CDC”) and other authorities on an ongoing basis. As various governmental isolation orders evolve, we continue to review our operational plans to continue operating our business while addressing the health and safety of our employees and those with whom our business comes into contact.

Backlog

We determine backlog by the amount of unshipped customer orders, either specific or general in nature, which the customer may revise or cancel in certain instances. The table below details our backlog by segment (in millions):

	Year Ended December 31,		
	2021	2020	2019
U.S.	\$ 350	\$ 193	\$ 301
Canada	35	13	34
International	135	134	174
	<u>\$ 520</u>	<u>\$ 340</u>	<u>\$ 509</u>

There can be no assurance that the backlog amounts will ultimately be realized as revenue or that we will earn a profit on the backlog of orders, but we expect that substantially all of the sales in our backlog will be realized within twelve months.

Key Industry Indicators

The following table sets forth key industry indicators for the years ended December 31, 2021, 2020 and 2019:

	Year Ended December 31,		
	2021	2020	2019
<i>Average Rig Count (1):</i>			
United States	478	433	943
Canada	132	89	134
Total North America	610	522	1,077
International	755	825	1,098
Total Worldwide	<u>1,365</u>	<u>1,347</u>	<u>2,175</u>
<i>Average Commodity Prices (2):</i>			
WTI crude oil (per barrel)	\$ 68.14	\$ 39.16	\$ 56.98
Brent crude oil (per barrel)	\$ 70.86	\$ 41.96	\$ 64.28
Natural gas (\$/MMBtu)	\$ 3.89	\$ 2.03	\$ 2.56
<i>Average Monthly U.S. Well Permits (3)</i>			
U.S. Wells Completed (2)	9,810	7,387	13,882
3:2:1 Crack Spread (4)	\$ 19.42	\$ 11.29	\$ 18.23

(1) Source-Baker Hughes (www.bakerhughes.com) (Total rig count includes oil, natural gas and other rigs.)

(2) Source-Department of Energy, EIA (www.eia.gov) (As revised)

(3) Source-Evercore ISI Research

(4) Source-Bloomberg

Results of Operations for the Years Ended December 31, 2021, 2020 and 2019

The breakdown of our sales by sector for the years ended December 31, 2021, 2020 and 2019 was as follows (in millions):

	Year Ended December 31,								
	2021		2020		2019				
Gas utilities	\$	1,008	38%	\$	832	33%	\$	857	24%
Downstream, industrial & energy transition		783	29%		786	31%	\$	1,105	30%
Upstream production		542	20%		600	23%		1,107	30%
Midstream pipeline		333	13%		342	13%		593	16%
	\$	<u>2,666</u>	<u>100%</u>	\$	<u>2,560</u>	<u>100%</u>	\$	<u>3,662</u>	<u>100%</u>

Year Ended December 31, 2021 Compared to the Year Ended December 31, 2020

For the years ended December 31, 2021 and 2020, the following table summarizes our results of operations (in millions):

	Year Ended December 31,						
	2021	2020	\$ Change	% Change			
<i>Sales:</i>							
U.S.	\$	2,178	\$	2,023	\$	155	8%
Canada		132		128		4	3%
International		356		409		(53)	(13)%
Consolidated	\$	<u>2,666</u>	\$	<u>2,560</u>	\$	<u>106</u>	<u>4%</u>
<i>Operating income (loss):</i>							
U.S.	\$	(3)	\$	(207)	\$	204	(99)%
Canada		—		(6)		6	(100)%
International		10		(47)		57	(121)%
Consolidated		<u>7</u>		<u>(260)</u>		<u>267</u>	<u>(103)%</u>
Interest expense		(23)		(28)		5	(18)%
Other income		2		5		(3)	(60)%
Income tax benefit (expense)		—		9		(9)	(100)%
Net (loss) income		(14)		(274)		260	(95)%
Series A preferred stock dividends		24		24		—	0%
Net (loss) income attributable to common stockholders	\$	<u>(38)</u>	\$	<u>(298)</u>	\$	<u>260</u>	<u>(87)%</u>
Gross Profit	\$	<u>417</u>	\$	<u>431</u>	\$	<u>(14)</u>	<u>(3)%</u>
Adjusted Gross Profit (1)	\$	<u>537</u>	\$	<u>504</u>	\$	<u>33</u>	<u>7%</u>
Adjusted EBITDA (1)	\$	<u>146</u>	\$	<u>97</u>	\$	<u>49</u>	<u>51%</u>

(1) Adjusted Gross Profit and Adjusted EBITDA are non-GAAP financial measures. For a reconciliation of these measures to an equivalent GAAP measure, see pages 33-35 herein.

Sales. Sales reflect consideration we are entitled to for goods and services when control of those goods and services is transferred to our customers. Our sales were \$2,666 million for the year ended December 31, 2021 as compared to \$2,560 million for the year ended December 31, 2020. The \$106 million, or 4%, increase included a \$30 million favorable impact from the strengthening of foreign currencies in areas where we operate relative to the U.S. dollar.

U.S. Segment—Our U.S. sales increased \$155 million to \$2,178 million for 2021 from \$2,023 million for 2020. This 8% increase reflected a \$174 million increase in the gas utilities sector, a \$6 million decrease in the DIET sector, a \$8 million decrease in the upstream production sector and a \$5 million decrease in the midstream pipeline sector. The increase in gas utilities was driven by a new customer contract, pent-up demand from pandemic restriction project delays and infrastructure improvement projects. The remaining sectors declined largely due to the decline in activity during the pandemic, which impacted the first half of 2021.

Canadian Segment—Our Canadian sales increased \$4 million to \$132 million for 2021 from \$128 million for 2020. This 3% increase reflected a \$5 million increase in the DIET sector, a \$2 million increase in gas utilities, a \$1 million decrease in the upstream production sector and a \$2 million decrease in the midstream pipeline sector. The increase in the DIET sector and gas utilities was due to projects previously delayed being resumed. The strengthening of the Canadian dollar relative to the U.S. dollar favorably impacted sales by \$9 million, or 6%.

International Segment—Our International sales decreased \$53 million to \$356 million for 2021 from \$409 million for 2020. The 13% decrease is primarily driven by non-recurring projects predominantly in the upstream production sector. In addition, the strengthening of foreign currencies in areas where we operate relative to the U.S. dollar favorably impacted sales by \$21 million, or 6%.

Gross Profit. Our gross profit was \$417 million (15.6% of sales) for the year ended December 31, 2021 as compared to \$431 million (16.8% of sales) for the year ended December 31, 2020. The \$14 million decrease was primarily attributable to charges associated with our last-in first-out ("LIFO") inventory costing methodology offset by increased sales. As compared to average cost, our LIFO inventory costing methodology increased cost of sales by \$77 million in 2021 compared to a \$19 million decrease in cost of sales in 2020.

Adjusted Gross Profit. Adjusted Gross Profit increased to \$537 million (20.1% of sales) for 2021 from \$504 million (19.7% of sales) for 2020, an increase of \$33 million. The increase was primarily due to improved margins on our line pipe and gas product sales. Adjusted Gross Profit is a non-GAAP financial measure. We define Adjusted Gross Profit as sales, less cost of sales, plus depreciation and amortization, plus amortization of intangibles, plus inventory-related charges incremental to normal operations and plus or minus the impact of our LIFO inventory costing methodology. We present Adjusted Gross Profit because we believe it is a useful indicator of our operating performance without regard to items, such as amortization of intangibles that can vary substantially from company to company depending upon the nature and extent of acquisitions. Similarly, the impact of the LIFO inventory costing method can cause results to vary substantially from company to company depending upon whether they elect to utilize LIFO and depending upon which method they may elect. We use Adjusted Gross Profit as a key performance indicator in managing our business. We believe that gross profit is the financial measure calculated and presented in accordance with U.S. generally accepted accounting principles that is most directly comparable to Adjusted Gross Profit.

The following table reconciles gross profit, as derived from our consolidated financial statements, with Adjusted Gross Profit, a non-GAAP financial measure (in millions):

	Year Ended December 31,			
	2021	Percentage of Revenue	2020	Percentage of Revenue
Gross profit, as reported	\$ 417	15.6%	\$ 431	16.8%
Depreciation and amortization	19	0.7%	20	0.8%
Amortization of intangibles	24	0.9%	26	1.0%
Increase (decrease) in LIFO reserve	77	2.9%	(19)	(0.7)%
Inventory-related charges	—	0.0%	46	1.8%
Adjusted Gross Profit	<u>\$ 537</u>	<u>20.1%</u>	<u>\$ 504</u>	<u>19.7%</u>

Selling, General and Administrative ("SG&A") Expenses. Costs such as salaries, wages, employee benefits, rent, utilities, communications, insurance, fuel and taxes (other than state and federal income taxes) that are necessary to operate our service center and corporate operations are included in SG&A. Also contained in this category are certain items that are non-operational in nature, including certain costs of acquiring and integrating other businesses. Our SG&A expenses were \$410 million (15.4% of sales) for the year ended December 31, 2021 as compared to \$449 million (17.5% of sales) for the year ended December 31, 2020. The \$39 million decrease in SG&A was driven by effective cost management of employee-related costs, including incentives and benefits. Additionally, we incurred \$1 million of severance and restructuring charges and \$2 million of charges associated to an employee separation in 2021 as compared to \$14 million of expenses associated with facilities closures and \$14 million of severance and restructuring charges in 2020. 2020 SG&A was reduced by a \$2 million recovery of supplier bad debt. Excluding the impact of these charges, SG&A decreased \$16 million. The strengthening of foreign currencies in areas where we operate relative to the U.S. dollar unfavorably impacted SG&A by \$6 million.

Operating Income (Loss). Operating income was \$7 million for the year ended December 31, 2021, as compared to operating loss of \$260 million for the year ended December 31, 2020, an increase of \$267 million.

U.S. Segment—Our U.S. segment had an operating loss of \$3 million for 2021 as compared to an operating loss of \$207 million for 2020. The \$204 million operating loss decrease was due to 2020 charges of \$202 million of goodwill and intangible asset impairments, \$28 million of inventory-related charges, \$8 million of severance costs, and \$3 million of costs associated with facility closures. Excluding these charges, operating income decreased \$37 million from 2020, which is primarily due to the charges associated with LIFO.

Canadian Segment—Our Canadian segment had an operating loss of \$0 million for 2021 as compared to an operating loss of \$6 million for 2020. The \$6 million improvement in operating loss was primarily a result of \$2 million of inventory-related charges, \$1 million of severance costs, and \$1 million of costs associated with facility closures in 2020.

International Segment—Our International segment had operating income of \$10 million for 2021 as compared to operating loss of \$47 million in 2020. The \$57 million improvement in operating income was primarily attributable to certain unusual charges in 2020. These included \$40 million of goodwill impairment charges, \$16 million of inventory-related charges, \$5 million of severance and \$10 million of cost associated with facility closures. Excluding these charges, operating income decreased \$14 million from 2020, which is primarily due to the reduced levels of sales activity.

Interest Expense. Our interest expense was \$23 million for the year ended December 31, 2021 as compared to \$28 million for the year ended December 31, 2020. The decrease in interest expense was attributable to lower average debt levels in 2021 as compared to 2020.

Other, net. Our other income was \$2 million for the year ended December 31, 2021 as compared to income of \$5 million for the year ended December 31, 2020. Other income for 2020 included a \$5 million gain from a sale leaseback transaction.

Income Tax (Benefit) Expense. Our income tax benefit was \$0 million for the year ended December 31, 2021, as compared to a benefit of \$9 million for the year ended December 31, 2020. Our effective tax rates were 0% and 3% for the years ended December 31, 2021 and 2020, respectively. Our rates generally differ from the U.S. federal statutory rates of 21% as a result of state income taxes and differing foreign income tax rates. The lower effective tax rate for 2021 was lower primarily due to tax expense in a foreign jurisdiction related to a provision for valuation allowances on certain deferred tax assets.

Net (Loss) Income. Our net loss was \$14 million for the year ended December 31, 2021 as compared to net loss of \$274 million for the year ended December 31, 2020, an increase of \$260 million due to the goodwill and intangible asset impairments and inventory-related charges described above.

Adjusted EBITDA. Adjusted EBITDA, a non-GAAP financial measure, was \$146 million for the year ended December 31, 2021, as compared to \$97 million for the year ended December 31, 2020. Our Adjusted EBITDA increased \$49 million over that period primarily due to the increase in sales and effective cost management.

We define Adjusted EBITDA as net income plus interest, income taxes, depreciation and amortization, amortization of intangibles and certain other expenses, including non-cash expenses such as equity-based compensation, severance and restructuring, changes in the fair value of derivative instruments, long-lived asset impairments (including goodwill and intangible assets), inventory-related charges incremental to normal operations and plus or minus the impact of our LIFO inventory costing methodology.

We believe Adjusted EBITDA provides investors a helpful measure for comparing our operating performance with the performance of other companies that may have different financing and capital structures or tax rates. We believe it is a useful indicator of our operating performance without regard to items, such as amortization of intangibles, which can vary substantially from company to company depending upon the nature and extent of acquisitions. Similarly, the impact of the LIFO inventory costing method can cause results to vary substantially from company to company depending upon whether they elect to utilize LIFO and depending upon which method they may elect. We use Adjusted EBITDA as a key performance indicator in managing our business. We believe that net income is the financial measure calculated and presented in accordance with U.S. generally accepted accounting principles that is most directly comparable to Adjusted EBITDA.

The following table reconciles net income, as derived from our consolidated financial statements, with Adjusted EBITDA, a non-GAAP financial measure (in millions):

	Year Ended December 31,	
	2021	2020
Net loss	\$ (14)	\$ (274)
Income tax expense	—	(9)
Interest expense	23	28
Depreciation and amortization	19	20
Amortization of intangibles	24	26
Goodwill and intangible asset impairment	—	242
Inventory-related charges	—	46
Facility closures	1	17
Severance and restructuring	1	14
Employee separation	1	—
Increase (decrease) in LIFO reserve	77	(19)
Equity-based compensation expense	12	12
Gain on early extinguishment of debt	—	(1)
Recovery of supplier bad debt and supplier bad debt	—	(2)
Gain on sale leaseback	—	(5)
Foreign currency losses	2	2
Adjusted EBITDA	<u>\$ 146</u>	<u>\$ 97</u>

Year Ended December 31, 2020 Compared to the Year Ended December 31, 2019

For discussion and analysis of fiscal year 2020 compared to fiscal year 2019, please refer to Item 7 of Part II, “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in our Annual Report on Form 10-K for the fiscal year ended December 31, 2020, which was filed with the Securities and Exchange Commission (“SEC”) on February 12, 2021 and is incorporated herein by reference.

Financial Condition and Cash Flows

Cash Flows

The following table sets forth our cash flows for the periods indicated below (in millions):

	Year Ended December 31,	
	2021	2020
Net cash provided by (used in):		
Operating activities	\$ 56	\$ 261
Investing activities	(7)	19
Financing activities	(118)	(195)
Net cash (used) provided:	<u>\$ (69)</u>	<u>\$ 85</u>

Operating Activities

Net cash provided by operating activities was \$56 million in 2021 compared to \$261 million provided by operating activities in 2020. The change in operating cash flows was primarily the result of an increase in working capital as a result of inventory purchases and other expenses to support growing market activity, as compared to a reduction in working capital in 2020 as a result of reduced market activity.

Investing Activities

Net cash used in investing activities was \$7 million in 2021 compared to \$19 million provided in 2020. In 2020, we completed sale leaseback transactions involving four of our locations which generated net proceeds of \$29 million. Purchases of property, plant and equipment utilized cash of \$10 million and \$11 million in 2021 and 2020, respectively.

Financing Activities

Net cash used in financing activities was \$118 million in 2021, compared to net cash used in financing activities of \$195 million in 2020. In 2021, we made a payment of \$86 million on our Term Loan as a result of excess cash flow generation in 2020 as well as \$1 million mandatory principal payment. Net payments on our Global ABL Facility totaled \$0 million in 2021 compared to \$161 million in 2020. We used \$24 million to fund dividends on our preferred stock in each of 2021 and 2020.

Liquidity and Capital Resources

Our primary credit facilities consist of a Term Loan maturing in September 2024 with an original principal amount of \$400 million and a \$750 million Global ABL Facility. As of December 31, 2021, the outstanding balance on our Term Loan, net of original issue discount and issuance costs, was \$297 million. On an annual basis, we are required to repay an amount equal to 50% of excess cash flow, as defined in the Term Loan agreement, reducing to 25% if the Company's senior secured leverage ratio is no more than 2.75 to 1.00. No payment of excess cash flow is required if the Company's senior secured leverage ratio is less than or equal to 2.50 to 1.00. Under the terms of the Term Loan, the amount of cash used in the determination of the senior secured leverage ratio is limited to \$75 million. Under this provision of the Term Loan, in April 2021 we made a payment of \$86 million as a result of excess cash flow generation in 2020. Based on our senior secured leverage ratio at the end of 2021, we will not be required to make an excess cash flow payment for 2021 in 2022.

In September 2021, we amended and renewed our Global ABL Facility. The Global ABL Facility now matures in September 2026 and provides \$705 million in revolver commitments in the United States (with a \$30 million sublimit in Canada), \$12 million in Norway, \$10 million in Australia, \$10.5 million in the Netherlands, \$7.5 million in the United Kingdom and \$5 million in Belgium. The Global ABL Facility contains an accordion feature that allows us to increase the principal amount of the facility by up to \$250 million, subject to securing additional lender commitments. U.S. borrowings under the facility bear interest at LIBOR plus a margin varying between 1.25% and 1.75% based on our fixed charge coverage ratio. Canadian borrowings under the facility bear interest at the Canadian Dollar Bankers' Acceptances Rate ("BA Rate") plus a margin varying between 1.25% and 1.75% based on our fixed charge coverage ratio. Borrowings under our foreign borrower subsidiaries bear interest at a benchmark rate, which varies based on the currency in which such borrowings are made, plus a margin varying between 1.25% and 1.75% based on our fixed charge coverage ratio. Availability is dependent on a borrowing base comprised of a percentage of eligible accounts receivable and inventory which is subject to redetermination from time to time. As of December 31, 2021, we had no borrowings outstanding and \$484 million of Excess Availability, as defined under our Global ABL Facility.

Our primary sources of liquidity consist of cash generated from our operating activities, existing cash balances and borrowings under our existing Global ABL Facility. At December 31, 2021, our total liquidity, consisting of cash on hand and amounts available under our Global ABL Facility, was \$532 million. Our ability to generate sufficient cash flows from our operating activities is primarily dependent on our sales of products to our customers at profits sufficient to cover our fixed and variable expenses. As of December 31, 2021 and 2020, we had cash and cash equivalents of \$48 million and \$119 million, respectively. As of December 31, 2021 and 2020, \$38 million and \$57 million of our cash and cash equivalents were maintained in the accounts of our various foreign subsidiaries and, if those amounts were transferred among countries or repatriated to the U.S., those amounts may be subject to additional tax liabilities, which would be recognized in our financial statements in the period during which the transfer decision was made. During 2021, we repatriated \$7 million of cash from our Canadian subsidiaries.

Our credit ratings are below "investment grade" and, as such, could impact both our ability to raise new funds as well as the interest rates on our future borrowings. In the first quarter of 2021, Moody's Investor Services changed our ratings outlook from negative to stable and, in the second quarter of 2021, Standard & Poor's Global Ratings revised the Company's outlook to stable. Our existing obligations restrict our ability to incur additional debt. We were in compliance with the covenants contained in our various credit facilities as of and during the year ended December 31, 2021 and, based on our current forecasts, we expect to remain in compliance. Our credit facilities contain provisions that address the potential need to transition away from LIBOR when LIBOR is discontinued or replaced.

We believe our sources of liquidity will be sufficient to satisfy the anticipated cash requirements associated with our existing operations for the foreseeable future. However, our future cash requirements could be higher than we currently expect as a result of various factors. Additionally, our ability to generate sufficient cash from our operating activities depends on our future performance, which is subject to general economic, political, financial, competitive and other factors beyond our control. We may, from time to time, seek to raise additional debt or equity financing or re-price or refinance existing debt in the public or private markets, based on market conditions. Any such capital markets activities would be subject to market conditions, reaching final agreement with lenders or investors, and other factors, and there can be no assurance that we would successfully consummate any such transactions.

Contractual Obligations, Commitments and Contingencies**Contractual Obligations**

The following table summarizes our minimum payment obligations as of December 31, 2021 relating to long-term debt, interest payments, capital leases, operating leases, purchase obligations and other long-term liabilities for the periods indicated (in millions):

	Total	2022	2023-2024	2025-2026	More Than 5 Years
Long-term debt (1)	\$ 297	\$ 2	\$ 295	\$ —	—
Interest payments (2)	44	12	24	8	—
Operating leases	330	38	62	42	188
Purchase obligations (3)	867	867	—	—	—
Foreign exchange forward contracts	—	—	—	—	—
Other long-term liabilities	32	—	—	—	32
Total	\$ 1,570	\$ 919	\$ 381	\$ 50	\$ 220

(1) Long-term debt is based on debt outstanding at December 31, 2021.

(2) Interest payments are based on interest rates in effect at December 31, 2021 and assume contractual amortization payments.

(3) Purchase obligations reflect our commitments to purchase PVF products in the ordinary course of business. While our vendors often allow us to cancel these purchase orders without penalty, in certain cases cancellations may subject us to cancellation fees or penalties, depending on the terms of the contract.

We historically have been an acquisitive company. We expect to fund future acquisitions primarily from (i) borrowings, either the unused portion of our facilities or new debt issuances, (ii) cash provided by operations or (iii) the issuance of additional equity in connection with the acquisitions.

Other Commitments

In the normal course of business with customers, vendors and others, we are contingently liable for performance under standby letters of credit and bid, performance and surety bonds. We were contingently liable for approximately \$19 million of standby letters of credit, trade guarantees that banks issue and bid, and performance and surety bonds at December 31, 2021. Management does not expect any material amounts to be drawn on these instruments.

Legal Proceedings

Asbestos Claims. We are one of many defendants in lawsuits that plaintiffs have brought seeking damages for personal injuries that exposure to asbestos allegedly caused. Plaintiffs and their family members have brought these lawsuits against a large volume of defendant entities as a result of the various defendants' manufacture, distribution, supply or other involvement with asbestos, asbestos-containing products or equipment or activities that allegedly caused plaintiffs to be exposed to asbestos. These plaintiffs typically assert exposure to asbestos as a consequence of third-party manufactured products that the Company's subsidiary, MRC Global (US) Inc., purportedly distributed. As of December 31, 2021, we are a named defendant in approximately 596 lawsuits involving approximately 1,161 claims. No asbestos lawsuit has resulted in a judgment against us to date, with the majority being settled, dismissed or otherwise resolved. Applicable third-party insurance has substantially covered these claims, and insurance should continue to cover a substantial majority of existing and anticipated future claims. Accordingly, we have recorded a liability for our estimate of the most likely settlement of asserted claims and a related receivable from insurers for our estimated recovery, to the extent we believe that the amounts of recovery are probable.

We annually conduct analyses of our asbestos-related litigation to estimate the adequacy of the reserve for pending and probable asbestos-related claims. Given these estimated reserves and existing insurance coverage that has been available to cover substantial portions of these claims, we believe that our current accruals and associated estimates relating to pending and probable asbestos-related litigation likely to be asserted over the next 15 years are currently adequate. This belief, however, relies on a number of assumptions, including:

- That our future settlement payments, disease mix and dismissal rates will be materially consistent with historic experience;
- That future incidences of asbestos-related diseases in the U.S. will be materially consistent with current public health estimates;
- That the rates at which future asbestos-related mesothelioma incidences result in compensable claims filings against us will be materially consistent with its historic experience;
- That insurance recoveries for settlement payments and defense costs will be materially consistent with historic experience;
- That legal standards (and the interpretation of these standards) applicable to asbestos litigation will not change in material respects;
- That there are no materially negative developments in the claims pending against us; and
- That key co-defendants in current and future claims remain solvent.

If any of these assumptions prove to be materially different in light of future developments, liabilities related to asbestos-related litigation may be materially different than amounts accrued or estimated. Further, while we anticipate that additional claims will be filed in the future, we are unable to predict with any certainty the number, timing and magnitude of such future claims. In addition, applicable insurance policies are subject to overall caps on limits, which coverage may exhaust the amount available from insurers under those limits. In those cases, the Company is seeking indemnity payments from responsive excess insurance policies, but other insurers may not be solvent or may not make payments under the policies without contesting their liability. In our opinion, there are no pending legal proceedings that are likely to have a material adverse effect on our consolidated financial statements.

Other Legal Claims and Proceedings. From time to time, we have been subject to various claims and involved in legal proceedings incidental to the nature of our businesses. We maintain insurance coverage to reduce financial risk associated with certain of these claims and proceedings. It is not possible to predict the outcome of these claims and proceedings. However, in our opinion, there are no pending legal proceedings that are likely to have a material adverse effect on our consolidated financial statements. See also “Note 17—Commitments and Contingencies” to the audited consolidated financial statements as of December 31, 2021.

Off-Balance Sheet Arrangements

We do not have any material “off-balance sheet arrangements” as SEC rules and regulations define that term.

Critical Accounting Policies and Estimates

We prepare our consolidated financial statements in accordance with U.S. generally accepted accounting principles. To apply these principles, management must make judgments and assumptions and develop estimates based on the best available information at the time. Actual results may differ based on the accuracy of the information utilized and subsequent events. The notes to our audited financial statements included elsewhere in this report describe our accounting policies. These critical accounting policies could materially affect the amounts recorded in our financial statements. We believe the following describes significant judgments and estimates used in the preparation of our consolidated financial statements:

Inventories: Our U.S. inventories are valued at the lower of cost (principally using the LIFO method) or market. We record an estimate each quarter, if necessary, for the expected annual effect of inflation (using period to date inflation rates) and estimated year-end inventory balances. These estimates are adjusted to actual results determined at year-end. Our inventories that are held outside of the U.S., totaling \$118 million and \$145 million at December 31, 2021 and 2020, respectively, were valued at the lower of weighted-average cost or estimated net realizable value.

Under the LIFO inventory valuation method, changes in the cost of inventory are recognized in cost of sales in the current period even though these costs may have been incurred at significantly different values. Since the Company values most of its inventory using the LIFO inventory costing methodology, a rise in inventory costs has a negative effect on operating results, while, conversely, a fall in inventory costs results in a benefit to operating results.

We determine reserves for inventory based on historical usage of inventory on-hand, assumptions about future demand and market conditions. Customers rely on the company to stock specialized items for certain projects and other needs. Therefore, the estimated carrying value of inventory depends upon demand driven by oil and gas spending activity, which in turn depends on oil and gas prices, the general outlook for economic growth worldwide, political stability in major oil and gas producing areas, and the potential obsolescence of various inventory items we sell.

Goodwill and Intangible Assets: We record goodwill and intangible assets in conjunction with acquisitions that we make. These assets comprise 28% of our total assets as of December 31, 2021. We record goodwill as the excess of cost over the fair value of net assets that we acquire. We record intangible assets at fair value at the date of acquisition and amortize the value of intangible assets over the assets’ estimated useful lives unless we determine that an asset has an indefinite life. We make significant judgments and estimates in both calculating the fair value of these assets and determining their estimated useful lives. The carrying values of our goodwill and intangible assets, by reporting unit, were as follows as of December 31, 2021 (in millions):

	U.S.	Canada	International	Total
Customer base intangibles	\$ 92	\$ —	\$ 5	\$ 97
Indefinite lived trade name	107	—	—	107
Goodwill	264	—	—	264

Impairment of Long-Lived Assets:

Our long-lived assets consist primarily of:

- customer base intangibles; and
- property, plant and equipment.

The carrying value of these assets is subject to an impairment test when circumstances indicate a possible impairment. These circumstances would include significant decreases in our operating results and significant changes in market demand for our products and services. When events and circumstances indicate a possible impairment, we assess recoverability from future operations using an undiscounted cash flow analysis, derived from the lowest appropriate asset group. If the carrying value exceeds the undiscounted cash flows, we would recognize an impairment charge to the extent that the carrying value exceeds the fair value.

We group customer base intangible assets on a basis consistent with our reporting units. We determine the fair value of customer base intangibles using a discounted cash flow analysis. The most significant factor in the determination of the fair value of our customer base intangibles is forecasted sales to our customers including, in particular, our largest customers. Possible indicators of impairment could include the following:

- prolonged decline in commodity oil and natural gas prices;
- the resulting decline in activity levels of many of our major customers;
- significant reductions in capital spending budgets of our customers; and
- a pessimistic outlook for the price of oil and natural gas.

Although we determined there were no impairments of long-lived assets in 2021 and 2020, significant decreases in our forecasted sales, particularly with our largest customers, could result in future impairments of our customer base intangible assets.

The carrying value of property, plant and equipment as of December 31, 2021 was \$91 million, or 5% of total assets. This amount was comprised of \$81 million, \$1 million and \$9 million in our U.S., Canada and International segments, respectively. We group property, plant and equipment and evaluate it for recoverability at a country or regional level. We determine the fair value of property, plant and equipment based on appraisal procedures which involve both market and cost techniques depending on the nature of the specific assets and the availability of market information. In 2021, no indicators of property, plant and equipment impairment were present. Based on the nature of our property, plant and equipment and the reduction in carrying value each year through depreciation, we believe future impairments are not likely.

When testing for the impairment of the value of long-lived assets, we make forecasts of:

- our future operating results;
- the extent and timing of future cash flows;
- working capital;
- profitability; and
- sales growth trends.

We make these forecasts using the best available information at the time, including information regarding current market conditions and customer spending forecasts. While we believe our assumptions and estimates are reasonable, because of the volatile nature of the energy industry, actual results may differ materially from the projected results which could result in the recognition of additional impairment charges. Factors that could lead to actual results differing materially from projected results include, among other things, further reductions of oil and natural gas prices and changes in projected sales growth rates.

Impairment of Goodwill and Other Indefinite-Lived Intangible Assets: We assess goodwill and intangible assets with indefinite useful lives for impairment annually, as of October 1st each year, or more frequently if events and circumstances indicate that impairment may exist. We evaluate goodwill for impairment at the reporting unit level. Within each reporting unit, we have elected to aggregate the component countries and regions into a single reporting unit based on their similar economic characteristics, products, customers, suppliers, methods of distribution and the manner in which we operate each segment.

In the first half of 2020, demand for oil and natural gas declined sharply as a result of the COVID-19 pandemic. This disruption in demand and the resulting decline in the price of oil had a dramatic negative impact on our business. We experienced a significant reduction in sales beginning in April 2020 which continued throughout the second quarter. At that time, there remained ongoing uncertainty around the timing and extent of any recovery. We took a more pessimistic long-term outlook due to the significant reduction in the demand for oil, the implications of that demand destruction on the price of oil for an extended period of time and actions our customers had taken to curtail costs and reduce spending. As a result of those developments, we concluded that it was more likely than not the fair values of our U.S. and International reporting units and our U.S. indefinite-lived tradename were lower than their carrying values. Accordingly, we completed an interim impairment test as of April 30, 2020 and recognized impairment charges of \$217 million for goodwill, comprised of \$177 million in our U.S. reporting unit and \$40 million in our International reporting unit, and \$25 million for our indefinite-lived intangible asset. Subsequent to these impairments, we only have goodwill recorded in our U.S. reporting unit and U.S. tradename is our only indefinite-lived intangible asset.

In connection with our annual goodwill and indefinite-lived tradename impairment tests as of October 1, 2021, and 2020, we performed a qualitative assessment of the carrying value of the goodwill for our U.S. reporting unit and U.S. indefinite-lived tradename asset. This assessment took into consideration changes in the broader economy, our industry and our business since the interim quantitative impairment tests completed as of April 30, 2020. Based on our assessment, we concluded there was no additional impairment of our goodwill or U.S. tradename.

When we perform a quantitative goodwill impairment test, we compare the carrying value of the reporting unit that has the goodwill with the estimated fair value of that reporting unit. To the extent the carrying value of a reporting unit is greater than its estimated fair value, a goodwill impairment charge is recorded for the difference, up to the carrying value of goodwill. Our impairment methodology uses discounted cash flow and multiples of cash earnings valuation techniques, acquisition control premium and valuation comparisons to similar businesses to determine the fair value of a reporting unit. Each of these methods involves Level 3 unobservable market inputs and require us to make certain assumptions and estimates regarding:

- future operating results,
- the extent and timing of future cash flows,
- working capital,
- sales prices,
- profitability,
- discount rates; and
- sales growth trends.

We make these forecasts using the best available information at the time including information regarding current market conditions and customer spending forecasts. While we believe that these assumptions and estimates are reasonable, because of the volatile nature of the energy industry, actual results may differ materially from the projected results which could result in the recognition of additional impairment charges. Factors that could lead to actual results differing materially from projected results include, among other things:

- reduction of oil and natural gas prices,
- changes in projected sales growth rate; and
- changes in factors affecting our discount rate including risk premiums, risk free interest rates and costs of capital.

When we perform a quantitative impairment test for intangible assets with indefinite useful lives, we compare the carrying value of the indefinite-lived intangible assets with their estimated fair value. If the carrying value is more than the estimated fair value, we recognize impairment losses in an amount equal to the excess of the carrying value over the estimated fair value. Our impairment methodology uses discounted cash flow and estimated royalty rate valuation techniques. Utilizing these valuation methods, we make certain assumptions and estimates regarding:

- future operating results,
- sales prices,
- discount rates; and
- sales growth trends.

As with the goodwill impairment test described above, while we believe that our assumptions and estimates are reasonable, because of the volatile nature of the energy industry, actual results may differ materially from the projected results which could result in the recognition of additional impairment charges.

Income Taxes: We use the liability method for determining our income taxes, under which current and deferred tax assets and liabilities are recorded in accordance with enacted tax laws and rates. Under this method, deferred tax assets and liabilities are recorded for differences between the financial reporting and tax bases of assets and liabilities using the tax rate expected to be in effect when the taxes will actually be paid or refunds received. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in earnings in the period that includes the enactment date. A valuation allowance to reduce deferred tax assets is established when it is more likely than not that some portion or all of the deferred tax assets will not be realized.

In determining the need for valuation allowances and our ability to utilize our deferred tax assets, we consider and make judgments regarding all the available positive and negative evidence, including the timing of the reversal of deferred tax liabilities, estimated future taxable income, ongoing, prudent and feasible tax planning strategies and recent financial results of operations. The amount of valuation allowances, however, could be adjusted in the future if objective negative evidence in the form of cumulative losses is no longer present in certain jurisdictions and additional weight may be given to subjective evidence such as our projections for growth.

Our tax provision is based upon our expected taxable income and statutory rates in effect in each country in which we operate. We are subject to the jurisdiction of numerous domestic and foreign tax authorities, as well as to tax agreements and treaties among these governments. Determination of taxable income in any jurisdiction requires the interpretation of the related tax laws and regulations and the use of estimates and assumptions regarding significant future events such as the amount, timing and character of deductions, permissible revenue recognition methods under the tax law and the sources and character of income and tax credits. Changes in tax laws, regulations, agreements and treaties, foreign currency exchange restrictions or our level of operations or profitability in each taxing jurisdiction could have an impact on the amount of income taxes we provide during any given year.

A tax benefit from an uncertain tax position may be recognized when it is more likely than not that the position will be sustained upon examination, including any related appeals or litigation processes, on the basis of the technical merits. We adjust these liabilities when our judgment changes as a result of the evaluation of new information not previously available. Because of the complexity of some of these uncertainties, the ultimate resolution may result in a payment that is materially different from our current estimate of the tax liabilities. These differences will be reflected as increases or decreases to income tax expense in the period in which the new information is available.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Interest Rate Risk

As of December 31, 2021, all of our outstanding debt was at floating rates. These facilities prescribe the percentage point spreads from U.S. prime, LIBOR, Canadian prime and EURIBOR. Our facilities generally allow us to fix the interest rate, at our option, for a period of 30 to 180 days. We are currently party to a \$250 million interest rate swap to fix a portion of our variable rate exposure that matures in March 2023.

As of December 31, 2021, a 1% increase in the LIBOR rate would result in an increase in our interest expense of less than \$1 million per year if the amounts outstanding under our Term Loan and Global ABL Facility remained the same for an entire year.

Foreign Currency Exchange Rates

Our operations outside of the U.S. expose us to foreign currency exchange rate risk, as these transactions are primarily denominated in currencies other than the U.S. dollar, our functional currency. Our exposure to changes in foreign exchange rates is managed primarily through the use of forward foreign exchange contracts. These contracts increase or decrease in value as foreign exchange rates change, protecting the value of the underlying transactions denominated in foreign currencies. All currency contracts are entered into for the sole purpose of hedging existing or anticipated currency exposure; we do not use foreign currency contracts for trading or speculative purposes. The terms of these contracts generally do not exceed one year. We record all changes in the fair market value of forward foreign exchange contracts in income. Gains and losses incurred in the years ended December 31, 2021, and 2020 were not material.

Steel Prices

Our business is sensitive to steel prices, which can impact our product pricing, with carbon steel line pipe prices generally having the highest degree of sensitivity. While we cannot predict steel prices, we manage this risk by managing our inventory levels, including maintaining sufficient quantity on hand to meet demand, while reducing the risk of overstocking.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

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ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

ITEM 9A. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

As required by the Exchange Act, we maintain disclosure controls and procedures designed to provide assurance that information we are required to disclose in reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms. Our disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information we are required to disclose in reports that we file or submit under the Exchange Act is accumulated and communicated to our management, including our principal executive and principal financial officers, as appropriate to allow timely decisions regarding required disclosure. Our management, with the participation of our principal executive and financial officers, has evaluated our disclosure controls and procedures as of December 31, 2021 and has concluded that our disclosure controls and procedures were effective as of December 31, 2021.

Pursuant to section 302 of the Sarbanes-Oxley Act of 2002, our Chief Executive Officer and Chief Financial Officer have provided certain certifications to the Securities and Exchange Commission. These certifications are included herein as Exhibits 31.1 and 31.2.

Management's Report on Internal Control Over Financial Reporting

The Company's management report on internal control over financial reporting is set forth on page F-1 of this annual report and is incorporated herein by reference.

Attestation Report of our Registered Public Accounting Firm

The Company's registered public accounting firm's attestation report on our internal control over financial reporting is set forth on page F-2 of this annual report and is incorporated herein by reference.

Changes in Internal Controls Over Financial Reporting

There were no changes in our internal control over financial reporting that occurred during the quarter ended December 31, 2021 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

ITEM 9B. OTHER INFORMATION

None.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

The information regarding our directors and nominees for director required by Item 401 of Regulation S-K will be presented under the heading “PROPOSAL I: ELECTION OF DIRECTORS” in our Proxy Statement prepared for the solicitation of proxies in connection with our annual Meeting of Stockholders to be held in 2022 (“Proxy Statement”), which information is incorporated by reference herein.

Information required by Item 405 of Regulation S-K to the extent required, will be included, if applicable, under the heading “Delinquent Section 16(a) Reports” in our Proxy Statement, which information is incorporated by reference herein.

Information regarding our executive officers required by Item 401(b) of Regulation S-K is presented at the end of Part I herein and captioned “Executive Officers of the Registrant” as permitted by General Instruction G(3) to Form 10-K and Instruction 3 to Item 401(b) of Regulation S-K.

Information required by paragraphs (c)(3), (d)(4) and (d)(5) of Item 407 of Regulation S-K will be included under the heading “QUESTIONS AND ANSWERS ABOUT THE ANNUAL MEETING AND VOTING” and “CORPORATE GOVERNANCE MATTERS” in our Proxy Statement, which information is incorporated by reference herein.

We have adopted a Code of Ethics for Principal Executive and Senior Financial Officers (“Code of Ethics for Senior Officers”) that applies to our Chief Executive Officer, Chief Financial Officer, Chief Accounting Officer, and Controller, or persons performing similar functions. The Code of Ethics for Senior Officers, together with our Corporate Governance Guidelines, the charters for each of our board committees, and our Code of Ethics applicable to all employees are available on our Internet website at www.mrcglobal.com. We will provide, free of charge, a copy of our Code of Ethics or any of our other corporate documents listed above upon written request to our Corporate Secretary at 1301 McKinney Street, Suite 2300, Houston, Texas, 77010. We intend to disclose any amendments to or waivers of the Code of Ethics for Senior Officers on behalf of our Chief Executive Officer, Chief Financial Officer, Chief Accounting Officer, and Controller, and persons performing similar functions on our Internet website at www.mrcglobal.com under the Investor Relations page, promptly following the date of any such amendment or waiver.

ITEM 11. EXECUTIVE COMPENSATION

The information required by Item 402 and paragraphs (e)(4) and (e)(5) of Item 407 of Regulations S-K regarding executive compensation will be presented under the headings “COMPENSATION DISCUSSION AND ANALYSIS,” “Employment and Other Agreements,” “Summary Compensation Table for 2021,” “Grants of Plan-Based Awards in Fiscal Year 2021,” “Outstanding Equity Awards at 2021 Fiscal Year-End,” “Option Exercises and Stock Vested During 2021,” “Potential Payments upon Termination or Change in Control,” “Non-Employee Director Compensation Table,” “Compensation Committee Report,” and “Compensation Committee Interlocks and Insider Participation” in our Proxy Statement, which information is incorporated by reference herein. Notwithstanding the foregoing, the information provided under the heading “Compensation Committee Report” in our Proxy Statement is furnished and shall not be deemed to be filed for purposes of Section 18 of the Exchange Act is not subject to the liabilities of that section and is not deemed incorporated by reference in any filing under the Securities Act.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information regarding the security ownership of certain beneficial owners and management required by Item 403 of Regulation S-K will be presented under the headings “SECURITY OWNERSHIP – Directors and Executive Owners” and “SECURITY OWNERSHIP – Certain Beneficial Owners” in our Proxy Statement, which information is incorporated by reference herein.

The following table summarizes information, as of December 31, 2021, relating to our equity compensation plans pursuant to which grants of options, restricted stock, or certain other rights to acquire our shares may be granted from time to time.

Plan Category	(a) Number of securities to be issued upon exercise of outstanding options, warrants and rights	(b) Weighted-average exercise price of outstanding options, warrants and rights	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))
Equity compensation plans approved by security holders:			
Stock options, restricted stock awards, restricted stock unit awards, and performance share unit awards	4,188,770	\$ 17.10	—
Equity compensation plans not approved by security holders			
Total	4,188,770	\$ 17.10	—

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information regarding certain relationships and related transactions required by Item 404 and Item 407(a) of Regulation S-K will be presented under the headings “Certain Relationships and Related Transactions”, “Related Party Transaction Policy”, “PROPOSAL I: ELECTION OF DIRECTORS - Knowledge, Skills and Experience of Nominees Plus our Designated Director” and “Certain Information Regarding Nominees” and “Director Independence” in our Proxy Statement, which information is incorporated by reference herein.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

The information regarding our principal accounting fees and services required by Item 9(e) of Schedule 14A will be presented under the headings “Principal Accounting Fees and Services” and “Policy on Audit Committee Pre-Approval of Audit and Non-Audit Services of Independent Auditors” in our Proxy Statement, which information is incorporated by reference herein.

PART IV

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) Documents Filed as Part of this Annual Report:

1. *Financial Statements.*

See “Item 8—Financial Statements and Supplementary Data.”

2. *Financial Statement Schedules.*

All schedules are omitted because they are not applicable, not required or the information is included in the financial statements or the notes thereto.

3. *List of Exhibits.*

Exhibit Number	Description
3.1	Amended and Restated Certificate of Incorporation of MRC Global Inc. dated April 11, 2012. (Incorporated by reference to Exhibit 3.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on April 17, 2012, File No. 001-35479).
3.2	Amended and Restated Bylaws of MRC Global Inc. dated November 7, 2013. (Incorporated by reference to Exhibit 3.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on November 13, 2013, File No. 001-35479).
3.3	Certificate of Designations, Preferences, Rights and Limitations of Series A Convertible Perpetual Preferred Stock of MRC Global Inc. (Incorporated by reference to Exhibit 3.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on June 11, 2015, File No. 001-35479).
4.1	Description of Securities of Registrant. (Incorporated by reference to Exhibit 4.1 to the Annual Report on Form 10-K of MRC Global Inc. filed with the SEC on February 14, 2020, File No. 001-35479).
10.1	Fourth Amended and Restated Loan, Security and Guarantee Agreement, dated as of September 3, 2021, among MRC Global (US) Inc., Greenbrier Petroleum Corporation, McJunkin Red Man Development Corporation, Midway-Tristate Corporation, Milton Oil & Gas Company, MRC Global Management Company, MRC Global Services Company LLC, Ruffner Realty Company and The South Texas Supply Company, Inc., as U.S. Borrowers and Guarantors, MRC Global Inc., as a guarantor, MRC Global Australia Pty Ltd., as Australian Borrower, MRC Global (Belgium) NV, as Belgian Borrower, MRC Global (Canada) Ltd, as Canadian Borrower, MRC Global (Netherlands) B.V., as Dutch Borrower, MRC Global Norway AS, as Norwegian Borrower, MRC Global (UK) Limited, as UK Borrower, the other borrowers from time to time party thereto, certain financial institutions as lenders and Bank of America, N.A., as Administrative Agent, Security Trustee and Collateral Agent. (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on September 9, 2021, File No. 001-35479).
10.2	Refinancing Amendment and Successor Administrative Agent Agreement, dated as of September 22, 2017, among MRC Global (US) Inc., as borrower, MRC Global Inc., as a guarantor, the subsidiary guarantors party thereto, the lenders party thereto, U.S. Bank National Association, as the Collateral Trustee, JPMorgan Chase Bank, N.A., as the Successor Administrative Agent, and Bank of America, N.A., as Prior Administrative Agent. (Incorporated by reference to Exhibit 10.1.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on September 26, 2017, File No. 001-35479).
10.2.1	Refinancing Amendment No. 2, dated as of May 22, 2018, among MRC Global (US) Inc., as borrower, MRC Global Inc. as guarantor, the subsidiary guarantors party thereto, the lenders party thereto, U.S. Bank National Association, as the Collateral Trustee, and JP Morgan Chase Bank, N.A. as the Administrative Agent. (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on May 25, 2018, File No. 001-35479).
10.2.2	Term Loan Guarantee and Acknowledgment, dated as of November 9, 2012, by each of the signatories listed on the signature pages thereto and each of the other entities that becomes a party thereto, in favor of the Administrative Agent (as defined therein) for the benefit of the Guaranteed Parties (as defined therein). (Incorporated by reference to Exhibit 10.2 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on November 9, 2012, File No. 001-35479).

Exhibit Number	Description
10.2.3	Security Agreement, dated as of November 9, 2012, among MRC Global (US) Inc., MRC Global Inc., each of the subsidiaries of MRC Global Inc. listed on the signature pages thereto and U.S. Bank National Association, as Collateral Trustee for the benefit of the Secured Parties (as defined therein). (Incorporated by reference to Exhibit 10.3 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on November 9, 2012, File No. 001-35479).
10.2.4	Term Loan Pledge Agreement, dated as of November 9, 2012, among MRC Global (US) Inc., MRC Global Inc., each of the subsidiaries of MRC Global Inc. listed on the signature pages thereto and U.S. Bank National Association, as Collateral Trustee, for the benefit of the Secured Parties (as defined therein). (Incorporated by reference to Exhibit 10.4 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on November 9, 2012, File No. 001-35479).
10.2.5	Refinancing Amendment and Incremental Joinder Agreement, dated as of November 19, 2013, among MRC Global (US) Inc., MRC Global Inc., subsidiary guarantors party thereto and Bank of America, N.A. as Administrative Agent and Lender, for the benefit of the Secured Parties (as defined therein). (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on November 20, 2013, File No. 001-35479).
10.2.6	Second Amendment, dated as of June 11, 2015, by and among MRC Global (US) Inc., as the borrower, MRC Global Inc., as guarantor, the subsidiary guarantors party thereto, the lenders party thereto, Bank of America, N.A., as Administrative Agent, and U.S. Bank National Association, as Collateral Trustee. (Incorporated by reference to Exhibit 10.3 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on June 11, 2015, File No. 001-35479).
10.2.7	Notice of Amendment and Confirmation of Intercreditor Agreement, dated September 22, 2017, by and between Bank of America, N.A., in its capacity as administrative agent and collateral agent for the Revolving Credit Lenders under the Revolving Credit Agreement, JPMorgan Chase Bank, N.A., in its capacity as administrative agent for the Term Lenders as of the date hereof, U.S. Bank National Association, in its capacity as collateral trustee for the Term Secured Parties, the Additional Term Secured Parties, if any, and the Subordinated Lien Secured Parties, if any, MRC Global Inc. and certain of its subsidiaries. (Incorporated by reference to Exhibit 10.1.3 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on September 26, 2017, File No. 001-35479).
10.2.8	Notice of Amendment and Confirmation of Intercreditor Agreement, dated September 3, 2021, by and between Bank of America, N.A., in its capacity as administrative agent and collateral agent for the Revolving Credit Lenders under the Revolving Credit Agreement, U.S. Bank National Association, in its capacity as collateral trustee for the Term Secured Parties, the Additional Term Secured Parties, if any, and the Subordinated Lien Secured Parties, if any, MRC Global Inc. and certain of its subsidiaries. (Incorporated by reference to Exhibit 10.2 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on September 9, 2021, File No. 001-35479).
10.3†	Employment Agreement, dated as of March 8, 2021, between MRC Global Inc. and Robert James Saltiel, Jr. (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on March 9, 2021, File No. 001-35479).
10.4†	Employment Agreement, dated as of May 16, 2013, between MRC Global Inc. and Andrew R. Lane. (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on May 17, 2013, File No. 001-35479).
10.4.1†	First Amendment to Employment Agreement between MRC Global Inc. and Andrew R. Lane. (Incorporated by reference to Exhibit 10.4.2 to the Annual Report on Form 10-K of MRC Global Inc., filed with the SEC on February 17, 2017, File No. 001-35479).
10.4.2†	Second Amendment to Employment Agreement, dated as of October 29, 2019, between MRC Global Inc. and Andrew R. Lane (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on October 30, 2019, File No. 001-35479).
10.4.3†	Third Amendment to Employment Agreement, dated as of May 27, 2020, between MRC Global Inc. and Andrew R. Lane (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on May 28, 2020, File No. 001-35479).

Exhibit Number	Description
10.5†	Form of Employment Agreement by and between MRC Global Inc. and Kelly Youngblood (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on September 27, 2019, File No. 001-35479).
10.6†	Executive Separation Policy. (Incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on February 12, 2021, File No.001-35479).
10.7†	2007 Stock Option Plan, as amended. (Incorporated by reference to Exhibit 10.13.1 to the Registration Statement on Form S-4 of McJunkin Red Man Corporation (No. 333-173035), filed with the SEC on March 24, 2011, File No. 001-35479).
10.7.1†	Form of MRC Global Inc. (f/k/a McJunkin Red Man Holding Corporation) Nonqualified Stock Option Agreement. (Incorporated by reference to Exhibit 10.17.1 to Amendment No. 1 to the Registration Statement on Form S-1 of MRC Global Inc (No. 333-153091), filed with the SEC on September 26, 2008, File No. 001-35479).
10.8†	MRC Global Inc. 2011 Omnibus Incentive Plan. (Incorporated by reference to Exhibit 10.27 to the Annual Report on Form 10-K of MRC Global Inc., filed with the SEC on March 5, 2012, File No. 001-35479).
10.8.1†	Amendment to the MRC Global Inc. Omnibus Incentive Plan (Incorporated by reference to Annex A to the Schedule 14A Definitive Proxy Statement of MRC Global Inc. filed with the SEC on March 25, 2015, File No. 001-35479).
10.8.2†	Amendment to the MRC Global Inc. Omnibus Incentive Plan (Incorporated by reference to Annex A to the Schedule 14A Definitive Proxy Statement of MRC Global Inc. filed with the SEC on March 18, 2019, File No. 001-35479).

Exhibit Number	Description
10.8.3†	Form of MRC Global Inc. (f/k/a McJunkin Red Man Holding Corporation) Director Option Agreement. (Incorporated by reference to Exhibit 10.28.1 to the Registration Statement on Form S-1 of MRC Global Inc. (No. 333-178980), filed with the SEC on January 12, 2012, File No. 001-35479).
10.8.4†	Form of MRC Global Inc. (f/k/a McJunkin Red Man Holding Corporation) Nonqualified Stock Option Agreement (for awards prior to 2013). (Incorporated by reference to Exhibit 10.28.2 to the Registration Statement on Form S-1 of MRC Global Inc. (No. 333-178980), filed with the SEC on January 12, 2012, File No. 001-35479).
10.8.5†	Form of MRC Global Inc. Nonqualified Stock Option Agreement (for awards in 2013). (Incorporated by reference to Exhibit 10.1 to the Quarterly Report on Form 10-Q of MRC Global Inc. for the quarter ended March 31, 2013, filed with the SEC on May 3, 2013, File No. 001-35479).
10.8.6†	Form of MRC Global Inc. Nonqualified Stock Option Agreement (for awards in 2014). (Incorporated by reference to Exhibit 10.13.7 to Form 10-K of MRC Global Inc. for the year ended December 31, 2013, filed with the SEC on February 21, 2014, File No. 001-35479).
10.8.7†	Form of MRC Global Inc. Director Restricted Stock Award Agreement. (Incorporated by reference to Exhibit 10.13.9 to Form 10-K of MRC Global Inc. for the year ended December 31, 2013, filed with the SEC on February 21, 2014, File No. 001-35479).
10.8.8†	Form of MRC Global Inc. Performance Share Unit Award Agreement. (Incorporated by reference to Exhibit 10.8.8 to Form 10-K of MRC Global Inc. for the year ended December 31, 2020, filed with the SEC on February 12, 2021, File No. 001-35479).
10.8.9†*	Form of MRC Global Inc. Restricted Stock Unit Award Agreement.
10.8.10	Form of MRC Global Inc. Performance Share Unit Award Agreement (Incorporated by reference to Exhibit 99.1 to Form 8-K of MRC Global Inc. dated February 11, 2022).
10.9†	MRC Global Director Compensation Plan (Incorporated by reference to Exhibit 10.11 to Form 10-K of MRC Global Inc. for the year ended December 31, 2017 filed with the SEC on February 16, 2018, File No. 001-35479).
10.10	Form of Indemnification Agreement between MRC Global Inc. and Officers, Directors and Certain Employees. (Incorporated by reference to Exhibit 10.19 to Form 10-K of MRC Global Inc. for the year ended December 31, 2014, filed with the SEC on February 20, 2015, File No. 001-35479).

Exhibit Number	Description
10.11	Shareholders' Agreement, dated June 10, 2015, by and between MRC Global Inc. and Mario Investments LLC. (Incorporated by reference to the Current Report on Form 8-K of MRC Global Inc. filed with the SEC on June 11, 2015, File No. 001-35479).
21.1*	List of Subsidiaries of MRC Global Inc.
23.1*	Consent of Ernst & Young LLP, Independent Registered Public Accounting Firm.
31.1*	Certification of the Chief Executive Officer pursuant to Rules 13a-14(a) and 15d-14(a) promulgated under the Securities and Exchange Act of 1934, as amended, and Item 601(b)(31) of Regulation S-K, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2*	Certification of the Chief Financial Officer pursuant to Rules 13a-14(a) and 15d-14(a) promulgated under the Securities and Exchange Act of 1934, as amended, and Item 601(b)(31) of Regulation S-K, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32**	Certification of the Chief Executive Officer and the Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
100*	The following financial information from MRC Global Inc.'s Annual Report on Form 10-K for the period ended December 31, 2021, formatted in Inline Extensible Business Reporting Language ("iXBRL"): (i) the Consolidated Balance Sheets at December 31, 2021 and December 31, 2020, (ii) the Consolidated Statements of Operations for the twelve-month periods ended December 31, 2021, 2020 and 2019, (iii) the Consolidated Statements of Comprehensive Income (Loss) for the twelve-month periods ended December 31, 2021, 2020 and 2019, (iv) the Consolidated Statements of Cash Flows for the twelve-month periods ended December 31, 2021, 2020 and 2019, (v) the Consolidated Statements of Stockholders' Equity for the twelve-month periods ended December 31, 2021, 2020 and 2019 and (vi) Notes to Consolidated Financial Statements.
101*	Interactive data file.
101.INS*	Inline XBRL Instance Document.
101.SCH*	Inline XBRL Taxonomy Extension Schema.
101.CAL*	Inline XBRL Taxonomy Extension Calculation Linkbase.
101.DEF*	Inline XBRL Taxonomy Extension Definition Linkbase.
101.LAB*	Inline XBRL Taxonomy Extension Label Linkbase.
101.PRE*	Inline XBRL Taxonomy Extension Presentation Linkbase.
104	The cover page from the Company's Annual Report on Form 10-K for the year ended December 31, 2021 formatted in Inline XBRL

†Management contract or compensatory plan or arrangement required to be posted as an exhibit to this report.

*Filed herewith.

**Furnished herewith.

ITEM 16. FORM 10-K SUMMARY

None.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

MRC GLOBAL INC.

By: /s/ ROBERT J. SALTIEL, JR.

Robert J. Saltiel, Jr.
President and Chief Executive Officer

Date: February 16, 2022

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacity and on the dates indicated.

Signature	Title	Date
<u>/s/ ROBERT J. SALTIEL, JR.</u> Robert J. Saltiel, Jr.	President and Chief Executive Officer (principal executive officer)	February 16, 2022
<u>/s/ KELLY YOUNGBLOOD</u> Kelly Youngblood	Executive Vice President and Chief Financial Officer (principal financial officer)	February 16, 2022
<u>/s/ GILLIAN ANDERSON</u> Gillian Anderson	Vice President and Chief Accounting Officer (principal accounting officer)	February 16, 2022
<u>/s/ RHYS J. BEST</u> Rhys J. Best	Chairman	February 16, 2022
<u>/s/ DEBORAH G. ADAMS</u> Deborah G. Adams	Director	February 16, 2022
<u>/s/ LEONARD M. ANTHONY</u> Leonard M. Anthony	Director	February 16, 2022
<u>/s/ HENRY CORNELL</u> Henry Cornell	Director	February 16, 2022
<u>/s/ GEORGE J. DAMIRIS</u> George J. Damiris	Director	February 16, 2022
<u>/s/ BARBARA J. DUGANIER</u> Barbara J. Duganier	Director	February 16, 2022
<u>/s/ RONALD L. JADIN</u> Ronald L. Jadin	Director	February 16, 2022
<u>/s/ DR. CORNELIS ADRIANUS LINSE</u> Dr. Cornelis Adrianus Linse	Director	February 16, 2022
<u>/s/ ROBERT L. WOOD</u> Robert L. Wood	Director	February 16, 2022

MANAGEMENT’S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

MRC Global Inc.’s management is responsible for establishing and maintaining adequate internal control over financial reporting. MRC Global Inc.’s internal control system was designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles.

Internal control over financial reporting cannot provide absolute assurance of achieving financial reporting objectives because of its inherent limitations. Internal control over financial reporting is a process that involves human diligence and compliance and is subject to lapses in judgment and breakdowns resulting from human failures. Internal control over financial reporting also can be circumvented by collusion or improper management override. Because of such limitations, there is a risk that material misstatements may not be prevented or detected and corrected on a timely basis by internal control over financial reporting. However, these inherent limitations are known features of the financial reporting process. Therefore, it is possible to design into the process safeguards to reduce, though not eliminate, this risk.

Management has used the framework set forth in the report entitled “Internal Control—Integrated Framework” issued by the Committee of Sponsoring Organizations (“COSO”) of the Treadway Commission (2013 framework) to evaluate the effectiveness of the Company’s internal control over financial reporting. Management has concluded that the Company’s internal control over financial reporting was effective as of December 31, 2021.

Ernst & Young LLP, the independent registered public accounting firm that audited the Company’s consolidated financial statements included in this Form 10-K, has issued an attestation report on the Company’s internal control over financial reporting. Ernst & Young LLP’s attestation report on the Company’s internal control over financial reporting is included in this Form 10-K.

/s/ ROBERT J. SALTIEL, JR.

Robert J. Saltiel, Jr.
President and Chief Executive Officer

/s/ KELLY YOUNGBLOOD

Kelly Youngblood
Executive Vice President and Chief Financial Officer

Houston, Texas

February 16, 2022

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Stockholders and the Board of Directors of MRC Global Inc.

Opinion on Internal Control Over Financial Reporting

We have audited MRC Global Inc.'s internal control over financial reporting as of December 31, 2021, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). In our opinion, MRC Global Inc. (the Company) maintained, in all material respects, effective internal control over financial reporting as of December 31, 2021, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the 2021 consolidated financial statements of the Company, and our report dated February 16, 2022, expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ Ernst & Young LLP

Houston, Texas
February 16, 2022

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Stockholders and the Board of Directors of MRC Global Inc.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of MRC Global Inc. (the Company) as of December 31, 2021 and 2020, and the related consolidated statements of operations, comprehensive income (loss), stockholders' equity and cash flows for each of the three years in the period ended December 31, 2021, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the consolidated financial position of the Company at December 31, 2021 and 2020, and the consolidated results of its operations and its cash flows for each of the three years in the period ended December 31, 2021, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2021, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission 2013 framework and our report dated February 16, 2022, expressed an unqualified opinion thereon.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter arising from the current period audit of the financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the financial statements and (2) involved especially challenging, subjective or complex judgments. The communication of the critical audit matter does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which they relate.

Inventory valuation

Description of the Matter

At December 31, 2021 the Company's inventory balance was \$453 million, of which \$335 million was held in the U.S. As discussed in Notes 1 and 4 to the consolidated financial statements, the Company's U.S. inventories are stated at the lower of cost, using the last-in, first-out (LIFO) method, or market. The Company maintains its inventory accounting records on a weighted-average cost basis and adjusts U.S. inventory and cost of goods sold from weighted-average cost to LIFO at period end.

Auditing the adjustment of U.S. inventory and cost of goods sold from weighted-average cost to LIFO was complex due to the use of multiple inflation indices across various product categories within the Company's U.S. inventory balance.

How We Addressed the Matter in Our Audit We obtained an understanding, evaluated the design and tested the operating effectiveness of controls over the Company's process to adjust U.S. inventory and cost of goods sold from weighted-average cost to LIFO.

To test the LIFO inventory balance, we performed audit procedures that included, among others, assessing methodologies and testing the underlying data used to adjust the weighted-average cost inventory balances to LIFO. We also tested the mathematical accuracy of the Company's calculations.

/s/ Ernst & Young LLP

We have served as the Company's auditor since 2007.

Houston, Texas
February 16, 2022

CONSOLIDATED BALANCE SHEETS

MRC GLOBAL INC.

(in millions, except shares)

	December 31,	
	2021	2020
Assets		
Current assets:		
Cash	\$ 48	\$ 119
Accounts receivable, net	379	319
Inventories, net	453	509
Other current assets	19	19
Total current assets	899	966
Long-term assets:		
Operating lease assets	191	200
Property, plant and equipment, net	91	103
Other assets	22	19
Intangible assets:		
Goodwill, net	264	264
Other intangible assets, net	204	229
	<u>\$ 1,671</u>	<u>\$ 1,781</u>
Liabilities and stockholders' equity		
Current liabilities:		
Trade accounts payable	\$ 321	\$ 264
Accrued expenses and other current liabilities	80	94
Operating lease liabilities	33	37
Current portion of long-term debt	2	4
Total current liabilities	436	399
Long-term obligations:		
Long-term debt, net	295	379
Operating lease liabilities	177	187
Deferred income taxes	53	70
Other liabilities	32	41
Commitments and contingencies		
6.5% Series A Convertible Perpetual Preferred Stock, \$0.01 par value; authorized 363,000 shares; 363,000 shares issued and outstanding	355	355
Stockholders' equity:		
Common stock, \$0.01 par value per share: 500 million shares authorized, 107,284,171 and 106,315,296 issued, respectively	1	1
Additional paid-in capital	1,747	1,739
Retained deficit	(819)	(781)
Treasury stock at cost: 24,216,330 shares	(375)	(375)
Accumulated other comprehensive loss	(231)	(234)
	<u>323</u>	<u>350</u>
	<u>\$ 1,671</u>	<u>\$ 1,781</u>

See notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF OPERATIONS

MRC GLOBAL INC.

(in millions, except per share amounts)

	Year Ended December 31,		
	2021	2020	2019
Sales	\$ 2,666	\$ 2,560	\$ 3,662
Cost of sales	2,249	2,129	3,009
Gross profit	417	431	653
Selling, general and administrative expenses	410	449	550
Goodwill and intangible asset impairment	—	242	—
Operating income (loss)	7	(260)	103
Other (expense) income:			
Interest expense	(23)	(28)	(40)
Other, net	2	5	3
(Loss) income before income taxes	(14)	(283)	66
Income tax expense (benefit)	—	(9)	27
Net (loss) income	(14)	(274)	39
Series A preferred stock dividends	24	24	24
Net (loss) income attributable to common stockholders	\$ (38)	\$ (298)	\$ 15
Basic (loss) earnings per common share	\$ (0.46)	\$ (3.63)	\$ 0.18
Diluted (loss) earnings per common share	\$ (0.46)	\$ (3.63)	\$ 0.18
Weighted-average common shares, basic	82.5	82.0	83.0
Weighted-average common shares, diluted	82.5	82.0	83.9

See notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)

MRC GLOBAL INC.

(in millions)

	Year Ended December 31,		
	2021	2020	2019
Net (loss) income	\$ (14)	\$ (274)	\$ 39
Other comprehensive income (loss):			
Foreign currency translation adjustments	(3)	2	5
Hedge accounting adjustments, net of tax	6	(4)	(5)
Total other comprehensive income (loss), net of tax	3	(2)	—
Comprehensive (loss) income	<u>\$ (11)</u>	<u>\$ (276)</u>	<u>\$ 39</u>

See notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY

MRC GLOBAL INC.

(in millions)

	Common Stock		Additional Paid-in Capital	Retained (Deficit)	Treasury Stock		Accumulated Other Comprehensive (Loss)	Total Stockholders' Equity
	Shares	Amount			Shares	Amount		
Balance at December 31, 2018	105	1	1,721	(498)	(19)	(300)	(232)	692
Net income	—	—	—	39	—	—	—	39
Foreign currency translation	—	—	—	—	—	—	5	5
Hedge accounting adjustments	—	—	—	—	—	—	(5)	(5)
Shares withheld for taxes	—	—	(6)	—	—	—	—	(6)
Equity-based compensation expense	1	—	16	—	—	—	—	16
Dividends declared on preferred stock	—	—	—	(24)	—	—	—	(24)
Purchase of common stock	—	—	—	—	(5)	(75)	—	(75)
Balance at December 31, 2019	106	1	1,731	(483)	(24)	(375)	(232)	642
Net loss	—	—	—	(274)	—	—	—	(274)
Foreign currency translation	—	—	—	—	—	—	2	2
Hedge accounting adjustments	—	—	—	—	—	—	(4)	(4)
Shares withheld for taxes	—	—	(4)	—	—	—	—	(4)
Equity-based compensation expense	—	—	12	—	—	—	—	12
Dividends declared on preferred stock	—	—	—	(24)	—	—	—	(24)
Balance at December 31, 2020	106	1	1,739	(781)	(24)	(375)	(234)	350
Net loss	—	—	—	(14)	—	—	—	(14)
Foreign currency translation	—	—	—	—	—	—	(3)	(3)
Hedge accounting adjustments	—	—	—	—	—	—	6	6
Shares withheld for taxes	—	—	(4)	—	—	—	—	(4)
Equity-based compensation expense	—	—	12	—	—	—	—	12
Dividends declared on preferred stock	—	—	—	(24)	—	—	—	(24)
Balance at December 31, 2021	<u>106</u>	<u>\$ 1</u>	<u>\$ 1,747</u>	<u>\$ (819)</u>	<u>(24)</u>	<u>\$ (375)</u>	<u>\$ (231)</u>	<u>\$ 323</u>

See notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF CASH FLOWS

MRC GLOBAL INC.

(in millions)

	Year Ended December 31,		
	2021	2020	2019
Operating activities			
Net (loss) income	\$ (14)	\$ (274)	\$ 39
Adjustments to reconcile net income to net cash provided by operations:			
Depreciation and amortization	19	20	21
Amortization of intangibles	24	26	42
Equity-based compensation expense	12	12	16
Deferred income tax benefit	(15)	(21)	(5)
Amortization of debt issuance costs	2	1	1
Increase (decrease) in LIFO reserve	77	(19)	(2)
Goodwill and intangible asset impairment	—	242	—
Lease impairment and abandonment	—	14	—
Inventory-related charges	—	46	5
Provision for credit losses	(1)	2	2
Gain on sale leaseback	—	(5)	—
Other non-cash items	—	(3)	5
Changes in operating assets and liabilities:			
Accounts receivable	(61)	141	127
Inventories	(27)	173	95
Other current assets	(2)	7	10
Accounts payable	60	(98)	(79)
Accrued expenses and other current liabilities	(18)	(3)	(35)
Net cash provided by operations	<u>56</u>	<u>261</u>	<u>242</u>
Investing activities			
Purchases of property, plant and equipment	(10)	(11)	(18)
Proceeds from the disposition of property, plant and equipment	3	30	1
Other investing activities	—	—	1
Net cash (used in) provided by investing activities	<u>(7)</u>	<u>19</u>	<u>(16)</u>
Financing activities			
Payments on revolving credit facilities	(389)	(819)	(1,145)
Proceeds from revolving credit facilities	389	658	1,016
Payments on long-term obligations	(87)	(6)	(4)
Debt issuance costs paid	(3)	—	—
Purchases of common stock	—	—	(75)
Dividends paid on preferred stock	(24)	(24)	(24)
Repurchases of shares to satisfy tax withholdings	(4)	(4)	(6)
Net cash used in financing activities	<u>(118)</u>	<u>(195)</u>	<u>(238)</u>
(Decrease) increase in cash	(69)	85	(12)
Effect of foreign exchange rate on cash	(2)	2	1
Cash beginning of year	119	32	43
Cash end of year	<u>\$ 48</u>	<u>\$ 119</u>	<u>\$ 32</u>
Supplemental disclosures of cash flow information:			
Cash paid for interest	\$ 21	\$ 27	\$ 39
Cash paid for income taxes	\$ 15	\$ 3	\$ 34

See notes to consolidated financial statements.

NOTE 1—SIGNIFICANT ACCOUNTING POLICIES

Business Operations: MRC Global Inc. is a holding company headquartered in Houston, Texas. Our wholly owned subsidiaries are global distributors of pipe, valves, fittings (“PVF”) and infrastructure products and services across each of the following sectors:

- gas utilities (storage and distribution of natural gas)
- downstream, industrial and energy transition (crude oil refining, petrochemical and chemical processing, general industrials and energy transition projects)
- upstream production (exploration, production and extraction of underground oil and gas)
- midstream pipeline (gathering, processing and transmission of oil and gas)

We have service centers in principal industrial, chemical, gas distribution and hydrocarbon producing and refining areas throughout the United States, Canada, Europe, Asia, Australasia and the Middle East. We obtain products from a broad range of suppliers.

Basis of Presentation: The accompanying consolidated financial statements include the accounts of MRC Global Inc. and its wholly owned and majority owned subsidiaries (collectively referred to as the “Company” or by such terms as “we,” “our” or “us”). All material intercompany balances and transactions have been eliminated in consolidation.

Use of Estimates: The preparation of financial statements in conformity with the accounting principles generally accepted in the United States of America requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reported period. We believe that our most significant estimates and assumptions are associated with estimating losses on accounts receivable, the last-in, first-out (“LIFO”) inventory costing methodology, estimating net realizable value on excess and obsolete inventories, goodwill, intangible assets, deferred taxes and self-insurance programs. Actual results could differ materially from those estimates.

Cash Equivalents: We consider all highly liquid investments with maturities of three months or less at the date of purchase to be cash equivalents.

Allowance for Credit Losses: We evaluate the adequacy of the allowance for credit losses on receivables based upon periodic evaluation of accounts that may have a higher credit risk using information available about the customer and other relevant data. This formal analysis is inherently subjective and requires us to make significant estimates of factors affecting credit losses including customer specific information, current economic conditions, volume, growth and composition of the account, and other factors such as financial statements, news reports and published credit ratings. The amount of the allowance for the remainder of the trade balance is not evaluated individually but is based upon historical loss experience. Because this process is subjective and based on estimates, ultimate losses may differ from those estimates. Receivable balances are written off when we determine that the balance is uncollectible. Subsequent recoveries, if any, are credited to the allowance when received. The provision for credit losses is included in selling, general and administrative expenses in the accompanying consolidated statements of operations.

Inventories: Our inventories are valued at the lower of cost, principally LIFO, or market. We believe that the use of LIFO results in a better matching of costs and revenue. This practice excludes certain inventories, which are held outside of the United States, approximating \$118 million and \$145 million at December 31, 2021 and 2020, respectively, which are valued at the lower of weighted-average cost or net realizable value. Our inventory is substantially comprised of finished goods.

Reserves for excess and obsolete inventories are determined based on analyses comparing inventories on hand to historical sales activity. The reserve, which totaled \$19 million at both December 31, 2021 and 2020, is the amount deemed necessary to reduce the cost of the inventory to its estimated net realizable value.

Property, Plant and Equipment: Property, plant and equipment are recorded at cost. Depreciation is provided using the estimated useful lives of such assets principally by the straight-line method. Leasehold improvements are amortized using the straight-line method over the shorter of the remaining lease term or the estimated useful life of the improvements. When assets are retired or otherwise disposed of, the cost and related accumulated depreciation are removed from the accounts and any gain or loss is reflected in income for the period. Maintenance and repairs are charged to expense as incurred.

Certain systems development costs related to the purchase, development and installation of computer software are capitalized and amortized over the estimated useful life of the related asset. Costs incurred prior to the development stage, as well as maintenance, training costs and general and administrative expenses are expensed as incurred.

Goodwill and Other Intangible Assets: Goodwill represents the excess of acquisition cost over the fair value of net assets acquired. Goodwill and intangible assets with indefinite useful lives are tested for impairment annually, or more frequently if circumstances indicate that impairment may exist. We evaluate goodwill for impairment at the reporting unit level. Within each reporting unit, we have elected to aggregate the component countries and regions into a single reporting unit based on their similar economic characteristics, products, customers, suppliers, methods of distribution and the manner in which we operate each reporting unit. We perform our annual tests for goodwill impairment as of October 1st of each year, updating on an interim basis should indications of impairment exist. Our annual impairment test may be performed utilizing either a qualitative or quantitative assessment; however, if a qualitative assessment is performed and we determine that the fair value of a reporting unit is more likely than not (i.e. a likelihood of more than 50 percent) to be less than its carrying amount, a quantitative test is performed.

The goodwill impairment test compares the carrying value of the reporting unit that has the goodwill with the estimated fair value of that reporting unit. To the extent the carrying value of a reporting unit is greater than its estimated fair value, a goodwill impairment charge is recorded for the difference, up to the carrying value of goodwill. Our impairment methodology uses discounted cash flow and multiples of cash earnings valuation techniques, acquisition control premium and valuation comparisons to similar businesses. Each of these methods involves Level 3 unobservable market inputs and requires us to make certain assumptions and estimates regarding future operating results, the extent and timing of future cash flows, working capital, sales prices, profitability, discount rates and growth trends. While we believe that such assumptions and estimates are reasonable, the actual results may differ materially from the projected results.

Intangible assets with indefinite useful lives are tested for impairment annually or more frequently if circumstances indicate that impairment may exist. Similar to goodwill, our annual impairment test may be performed utilizing either a qualitative or quantitative assessment; however, if a qualitative assessment is performed and we determine that the fair value of an indefinite-lived intangible asset is more likely than (i.e., a likelihood of more than 50 percent) to be less than its carrying amount, a quantitative test is performed. This test compares the carrying value of the indefinite-lived intangible assets with their estimated fair value. If the carrying value is more than the estimated fair value, impairment losses are recognized in an amount equal to the excess of the carrying value over the estimated fair value. Our impairment methodology uses discounted cash flow and estimated royalty rate valuation techniques. Each of these methods involves Level 3 unobservable market inputs and requires us to make certain assumptions and estimates regarding future operating results, sales prices, discount rates and growth trends. While we believe that such assumptions and estimates are reasonable, the actual results may differ materially from the projected results.

Other intangible assets primarily include trade names, customer bases and noncompetition agreements resulting from business acquisitions. Other intangible assets are recorded at fair value at the date of acquisition. Amortization is provided using the straight-line method over their estimated useful lives, ranging from two years to twenty years.

The carrying value of amortizable intangible assets is subject to an impairment test when events or circumstances indicate a possible impairment. When events or circumstances indicate a possible impairment, we assess recoverability from future operations using undiscounted cash flows derived from the lowest appropriate asset group. If the carrying value exceeds the undiscounted cash flows, an impairment charge would be recognized to the extent that the carrying value exceeds the fair value, which is determined based on a discounted cash flow analysis. While we believe that assumptions and estimates utilized in the impairment analysis are reasonable, the actual results may differ materially from the projected results. These impairments are determined prior to performing our goodwill impairment test.

Derivatives and Hedging: From time to time, we utilize interest rate swaps to reduce our exposure to potential interest rate increases. We have designated our interest rate swap as an effective cash flow hedge utilizing the guidance under ASU 2017-12. As such, the valuation of the interest rate swap is recorded as an asset or liability, and the gain or loss on the derivative is recorded as a component of other comprehensive income. Interest rate swap agreements are reported on the accompanying balance sheets at fair value utilizing observable Level 2 inputs such as yield curves and other market-based factors. We obtain dealer quotations to value our interest rate swap agreements. The fair value of our interest rate swap is estimated based on the present value of the difference between expected cash flows calculated at the contracted interest rates and the expected cash flows at current market interest rates.

We utilize foreign exchange forward contracts (exchange contracts) and options to manage our foreign exchange rate risks resulting from purchase commitments and sales orders. Changes in the fair values of our exchange contracts are based upon independent market quotes. We do not designate our exchange contracts as hedging instruments; therefore, we record our exchange contracts on the consolidated balance sheets at fair value, with the gains and losses recognized in earnings in the period of change.

Fair Value: We measure certain of our assets and liabilities at fair value on a recurring basis. Fair value is an exit price, representing the amount that would be received to sell an asset or be paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that is determined based on assumptions that market participants would use in pricing an asset or a liability. A three-tier fair value hierarchy is established as a basis for considering these assumptions for inputs used in the valuation methodologies for measuring fair value:

Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity has the ability to access at the measurement date.

Level 2: Significant observable inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active, and other inputs that are observable or can be corroborated by observable market data.

Level 3: Significant unobservable inputs for the asset or liability. Unobservable inputs reflect our own assumptions about the assumptions that market participants would use in pricing an asset or liability (including all assumptions about risk).

Certain assets and liabilities are measured at fair value on a nonrecurring basis. Our assets and liabilities measured at fair value on a nonrecurring basis include property, plant and equipment, goodwill and other intangible assets. We do not measure these assets at fair value on an ongoing basis; however, these assets are subject to fair value adjustments in certain circumstances, such as when we recognize an impairment.

Our impairment methodology for goodwill and other indefinite-lived intangible assets uses both (i) a discounted cash flow analysis requiring certain assumptions and estimates to be made regarding the extent and timing of future cash flows, discount rates and growth trends and (ii) valuation based on our publicly traded common stock. As all of the assumptions employed to measure these assets and liabilities on a nonrecurring basis are based on management's judgment using internal and external data, these fair value determinations are classified as Level 3. We have not elected to apply the fair value option to any of our eligible financial assets and liabilities.

Insurance: We are self-insured for U.S. employee healthcare as well as physical damage to automobiles that we own, lease or rent, and product warranty and recall liabilities. In addition, we maintain a deductible/retention program as it relates to insurance for property, inventory, workers' compensation, automobile liability, asbestos claims, general liability claims (including, among others, certain product liability claims for property damage, death or injury) and cybersecurity claims. These programs have deductibles and self-insured retentions ranging up to \$5 million and are secured by various letters of credit totaling \$6 million. Our estimated liability and related expenses for claims are based in part upon estimates that insurance carriers, third-party administrators and actuaries provide. We believe that insurance reserves are sufficient to cover outstanding claims, including those incurred but not reported as of the estimation date. Further, we maintain commercially reasonable umbrella/excess policy coverage in excess of the primary limits. We do not have excess coverage for physical damage to automobiles that we own, lease or rent, and product warranty and recall liabilities. Our accrued liabilities related to deductibles/retentions under insurance programs (other than employee healthcare) were \$7 million and \$12 million as of December 31, 2021 and 2020. In the area of employee healthcare, we have a commercially reasonable excess stop loss protection on a per person per year basis. Reserves for self-insurance accrued liabilities for employee healthcare were \$2 million as of December 31, 2021 and 2020.

Income Taxes: We use the liability method for determining our income taxes, under which current and deferred tax assets and liabilities are recorded in accordance with enacted tax laws and rates. A valuation allowance to reduce deferred tax assets is established when it is more likely than not that some portion or all of the deferred tax assets will not be realized.

In determining the need for valuation allowances and our ability to utilize our deferred tax assets, we consider and make judgments regarding all the available positive and negative evidence, including the timing of the reversal of deferred tax liabilities, estimated future taxable income, ongoing, prudent and feasible tax planning strategies and recent financial results of operations. The amount of valuation allowances, however, could be adjusted in the future if objective negative evidence in the form of cumulative losses is no longer present in certain jurisdictions and additional weight may be given to subjective evidence such as our projections for growth.

Our tax provision is based upon our expected taxable income and statutory rates in effect in each country in which we operate. We are subject to the jurisdiction of numerous domestic and foreign tax authorities, as well as to tax agreements and treaties among these governments. Determination of taxable income in any jurisdiction requires the interpretation of the related tax laws and regulations and the use of estimates and assumptions regarding significant future events such as the amount, timing and character of deductions, permissible revenue recognition methods under the tax law and the sources and character of income and tax credits. Changes in tax laws, regulations, agreements and treaties, foreign currency exchange restrictions or our level of operations or profitability in each taxing jurisdiction could have an impact on the amount of income taxes we provide during any given year.

A tax benefit from an uncertain tax position may be recognized when it is more likely than not that the position will be sustained upon examination, including any related appeals or litigation processes, on the basis of the technical merits. We adjust these liabilities when our judgment changes as a result of the evaluation of new information not previously available. Because of the complexity of some of these uncertainties, the ultimate resolution may result in a payment that is materially different from our current estimate of the tax liabilities. These differences will be reflected as increases or decreases to income tax expense in the period in which the new information is available. We classify interest and penalties related to unrecognized tax positions as income taxes in our financial statements.

Foreign Currency Translation and Transactions: The functional currency of our foreign operations is the applicable local currency. The cumulative effects of translating the balance sheet accounts from the functional currency into the U.S. dollar at current exchange rates are included in accumulated other comprehensive income. The balance sheet accounts (with the exception of stockholders' equity) are translated using current exchange rates as of the balance sheet date. Stockholders' equity is translated at historical exchange rates and revenue and expense accounts are translated using a weighted-average exchange rate during the year. Gains or losses resulting from foreign currency transactions are recognized in the consolidated statements of operations.

Equity-Based Compensation: Our equity-based compensation consists of restricted stock, restricted unit awards, performance share unit awards and nonqualified stock options. The cost of employee services received in exchange for an award of an equity instrument is measured based on the grant-date fair value of the award. Equity-based compensation cost is measured at the grant-date fair value of the award and is recognized over the shorter of the vesting period or the remaining requisite service period. Restricted units and restricted stock are credited to equity as they are expensed over their vesting periods based on the grant date value of the shares vested. The fair value of nonqualified stock options is measured on the grant date of the related equity instrument using the Black-Scholes option-pricing model. A Monte Carlo simulation is completed to estimate the fair value of performance share unit awards with a stock price performance component.

Revenue Recognition: We recognize revenue when we transfer control of promised goods or services to our customers in an amount that reflects the consideration to which we expect to be entitled in exchange for those goods or services. We recognize substantially all of our revenue when products are shipped or delivered to our customers, and payment is due from our customers at the time of billing with a majority of our customers having 30-day terms. We estimate and record returns as a reduction of revenue. Amounts received in advance of shipment are deferred and recognized when the performance obligations are satisfied. Sales taxes collected from customers and remitted to governmental authorities are accounted for on a net basis and, therefore, we exclude these taxes from sales in the accompanying consolidated statements of operations. In some cases, particularly with third party pipe shipments, we consider shipping and handling costs to be separate performance obligations, and as such, we record the revenue and cost of sales when the performance obligation is fulfilled. Our contracts with customers ordinarily involve performance obligations that are one year or less. Therefore, we have applied the optional exemption that permits the omission of information about our unfulfilled performance obligations as of the balance sheet dates.

Cost of Sales: Cost of sales includes the cost of inventory sold and related items, such as vendor rebates, inventory allowances and reserves, shipping and handling costs associated with inbound and outbound freight, as well as depreciation and amortization and amortization of intangible assets. Certain purchasing costs and warehousing activities (including receiving, inspection and stocking costs), as well as general warehousing expenses, are included in selling, general and administrative expenses and not in cost of sales.

Earnings per Share: Basic earnings per share are computed based on the weighted-average number of common shares outstanding, excluding any dilutive effects of unexercised stock options, unvested restricted stock awards, unvested restricted stock unit awards, unvested performance share unit awards, and shares of preferred stock. Diluted earnings per share are computed based on the weighted-average number of common shares outstanding including any dilutive effect of unexercised stock options, unvested restricted stock awards, unvested restricted stock unit awards, unvested performance share unit awards, and shares of preferred stock. The dilutive effect of unexercised stock options is calculated under the treasury stock method. Equity awards and shares of preferred stock are disregarded in the calculations of diluted earnings per share if they are determined to be anti-dilutive.

Concentration of Credit Risk: In the normal course of business, we grant credit to customers in the form of trade accounts receivable. These receivables could potentially subject us to concentrations of credit risk; however, we minimize this risk by closely monitoring extensions of trade credit. We generally do not require collateral on trade receivables. We have a broad customer base doing business in many regions of the world. During 2021, 2020 and 2019, we did not have sales to any one customer in excess of 10% of sales. At those respective year-ends, no individual customer balances exceeded 10% of accounts receivable.

We have a broad supplier base, sourcing our products in most regions of the world. During 2021, 2020 and 2019, we did not have purchases from any one vendor in excess of 10% of our inventory purchases. At those respective year-ends no individual vendor balance exceeded 10% of accounts payable.

We maintain the majority of our cash and cash equivalents with several financial institutions. These financial institutions are located in many different geographical regions with varying economic characteristics and risks. Deposits held with banks may exceed insurance limits. We believe the risk of loss associated with our cash equivalents to be remote.

Recently Issued Accounting Standards: In August 2020, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2020-06, Debt – Debt with Conversion and Other Options and Derivative Hedging – Contracts in Entity’s Own Equity (Subtopic 815-40) (“ASU 2020-06”), which simplifies guidance on the topics of convertible instruments, derivative contracts and earnings per share (“EPS”) calculations. This update will be effective for fiscal years beginning after December 15, 2021, and interim periods within those fiscal years. We are currently evaluating the impacts of the provisions of ASU 2020-06 on our consolidated financial statements.

In March 2020, the FASB issued Accounting Standards Update ASU 2020-04, Reference Rate Reform (Topic 848) (“ASU 2020-04”), which provides optional expedients and exceptions for applying U.S. GAAP to contracts, hedging relationships, and other transactions that the discontinuation of certain reference rates, including the London Interbank Offered Rate (“LIBOR”), impacts. The amendments are effective for all entities as of March 12, 2020 through December 31, 2022. We are currently evaluating the impacts of the provisions of ASU 2020-04 on our consolidated financial statements.

Adoption of New Accounting Standards: In December 2019, the FASB issued ASU 2019-12, Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes, an update intended to simplify various aspects related to accounting for income taxes. This guidance removes certain exceptions to the general principles in Topic 740 and clarifies and amends existing guidance to improve consistent application. This accounting standard update, which we adopted as of January 1, 2021, did not have a material impact on our consolidated financial statements.

NOTE 2—REVENUE RECOGNITION

Contract Balances: Variations in the timing of revenue recognition, invoicing and receipt of payment result in categories of assets and liabilities that include invoiced accounts receivable, uninvoiced accounts receivable, contract assets and deferred revenue (contract liabilities) on the consolidated balance sheets.

Generally, revenue recognition and invoicing occur simultaneously as we transfer control of promised goods or services to our customers. We consider contract assets to be accounts receivable when we have an unconditional right to consideration and only the passage of time is required before payment is due. In certain cases, particularly those involving customer-specific documentation requirements, invoicing is delayed until we are able to meet the documentation requirements. In these cases, we recognize a contract asset separate from accounts receivable until those requirements are met, and we are able to invoice the customer. Our contract asset balance associated with these requirements, as of December 31, 2021 and December 31, 2020, was \$12 million and \$17 million, respectively. These contract asset balances are included within accounts receivable in the accompanying consolidated balance sheets.

We record contract liabilities, or deferred revenue, when cash payments are received from customers in advance of our performance, including amounts which are refundable. The deferred revenue balance at December 31, 2021 and December 31, 2020 was \$4 million and \$6 million, respectively. During the year ended December 31, 2021 we recognized all of the revenue that was deferred as of December 31, 2020. Deferred revenue balances are included within accrued expenses and other current liabilities in the accompanying consolidated balance sheets.

Disaggregated Revenue: Our disaggregated revenue represents our business of selling PVF to the energy sector across each of the gas utilities (storage and distribution of natural gas), downstream, industrial and energy transition (crude oil refining, petrochemical and chemical processing, general industrials and energy transition projects), upstream production (exploration, production and extraction of underground oil and gas) and midstream pipeline (gathering, processing and transmission of oil and gas) sectors in each of our reportable segments. Each of our end markets and geographical reportable segments are impacted and influenced by varying factors, including macroeconomic environment, commodity prices, maintenance and capital spending and exploration and production activity. As such, we believe that this information is important in depicting the nature, amount, timing and uncertainty of our contracts with customers.

The following table presents our revenue disaggregated by revenue source (in millions):

	Year Ended December 31,			
	U.S.	Canada	International	Total
2021:				
Gas utilities	\$ 995	\$ 13	\$ —	\$ 1,008
Downstream, industrial & energy transition	560	20	203	783
Upstream production	321	88	133	542
Midstream pipeline	302	11	20	333
	<u>\$ 2,178</u>	<u>\$ 132</u>	<u>\$ 356</u>	<u>\$ 2,666</u>
2020:				
Gas utilities	\$ 821	\$ 11	\$ —	\$ 832
Downstream, industrial & energy transition	566	15	205	786
Upstream production	329	89	182	600
Midstream pipeline	307	13	22	342
	<u>\$ 2,023</u>	<u>\$ 128</u>	<u>\$ 409</u>	<u>\$ 2,560</u>
2019:				
Gas utilities	\$ 841	\$ 16	\$ —	\$ 857
Downstream, industrial & energy transition	854	22	229	1,105
Upstream production	723	162	222	1,107
Midstream pipeline	538	26	29	593
	<u>\$ 2,956</u>	<u>\$ 226</u>	<u>\$ 480</u>	<u>\$ 3,662</u>

NOTE 3—ACCOUNTS RECEIVABLE

The rollforward of our allowance for credit losses is as follows (in millions):

	December 31,		
	2021	2020	2019
Beginning balance	\$ 2	\$ 4	\$ 4
Net charge-offs and other	1	(4)	(2)
Provision	(1)	2	2
Ending balance	<u>\$ 2</u>	<u>\$ 2</u>	<u>\$ 4</u>

Our accounts receivable is also presented net of sales returns and allowances. Those allowances approximated \$1 million at December 31, 2021, 2020 and 2019.

NOTE 4—INVENTORIES

The composition of our inventory is as follows (in millions):

	December 31,	
	2021	2020
Finished goods inventory at average cost:		
Valves, automation, measurement and instrumentation	\$ 240	\$ 279
Carbon steel pipe, fittings and flanges	151	156
Gas products	184	126
All other products	110	103
	<u>685</u>	<u>664</u>
Less: Excess of average cost over LIFO cost (LIFO reserve)	(213)	(136)
Less: Other inventory reserves	(19)	(19)
	<u>\$ 453</u>	<u>\$ 509</u>

NOTE 5—PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment consisted of the following (in millions):

	Depreciable Life (in years)	December 31,	
		2021	2020
Land and improvements	—	\$ 2	\$ 3
Building and building improvements	40	42	45
Machinery and equipment	3 to 10	138	134
Enterprise resource planning software	10	56	56
Software in progress	—	2	2
		<u>240</u>	<u>240</u>
Allowances for depreciation and amortization		<u>(149)</u>	<u>(137)</u>
		<u>\$ 91</u>	<u>\$ 103</u>

Building and building improvements include \$9 million and \$9 million of non-cash leasehold improvements representing lease incentives as of December 31, 2021 and December 31, 2020, respectively.

NOTE 6—GOODWILL AND OTHER INTANGIBLE ASSETS

The changes in the carrying amount of goodwill by segment for the years ended December 31, 2021, 2020 and 2019 are as follows (in millions):

	US	Canada	International	Total
Goodwill at December 31, 2019 (1)	441	—	42	483
Impairment	(177)	—	(40)	(217)
Effect of foreign currency translation	—	—	(2)	(2)
Goodwill at December 31, 2020	264	—	—	264
Impairment	—	—	—	—
Effect of foreign currency translation	—	—	—	—
Goodwill at December 31, 2021	<u>\$ 264</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 264</u>

(1) Net of prior years' accumulated impairment losses of \$350 million, \$69 million and \$183 million in the U.S., Canada and International segments, respectively.

Impairment of Goodwill and Other Intangible Assets

In 2020, demand for oil and natural gas declined sharply as a result of the COVID-19 pandemic. This disruption in demand and the resulting decline in the price of oil has had a dramatic negative impact on our business. We experienced a significant reduction in sales beginning in April 2020, which continued throughout the second quarter. At that time, there remained ongoing uncertainty around the timing and extent of any recovery. We took a more pessimistic long-term outlook due to the significant reduction in the demand for oil, the implications of that demand destruction on the price of oil for an extended period of time and actions our customers had taken to curtail costs and reduce spending. As a result of those developments, we concluded that it was more likely than not the fair values of our U.S. and International reporting units were lower than their carrying values. Accordingly, we completed an interim goodwill impairment test as of April 30, 2020. This test resulted in a \$217 million goodwill impairment charge during the year ended December 31, 2020, comprised of \$177 million in our U.S. reporting unit and \$40 million in our International reporting unit.

In connection with our annual goodwill impairment tests as of October 1, 2021 and 2020, we performed a qualitative assessment of the carrying value of the remaining goodwill for our U.S. reporting unit. This assessment took into consideration changes in the broader economy, our industry and our business since the interim quantitative impairment test as of April 30, 2020. Based on our assessment, we concluded there was no additional impairment of our goodwill.

Other Intangible Assets

Other intangible assets by major classification consist of the following (in millions):

	Gross	Accumulated Amortization	Net Book Value
December 31, 2021			
Customer base (1)	\$ 375	\$ (278)	\$ 97
Indefinite lived trade names (2)	107	—	107
	<u>\$ 482</u>	<u>\$ (278)</u>	<u>\$ 204</u>
December 31, 2020			
Customer base (1)	\$ 418	\$ (296)	\$ 122
Indefinite lived trade names (2)	107	—	107
	<u>\$ 525</u>	<u>\$ (296)</u>	<u>\$ 229</u>

(1) Net of accumulated impairment losses of \$42 million as of December 31, 2021 and 2020.

(2) Net of accumulated impairment losses of \$229 million as of December 31, 2021 and 2020, respectively.

As a result of the same factors that necessitated an interim impairment test for goodwill, we completed an interim impairment test, as of April 30, 2020, for our U.S. indefinite-lived tradename asset. This test resulted in an impairment charge of \$25 million during the year ended December 31, 2020. The remaining balance of the indefinite-lived tradename was \$107 million as of December 31, 2020. The U.S. tradename is our only indefinite-lived intangible asset.

Our impairment test uses discounted cash flow and multiples of cash earnings valuation techniques, acquisition control premium and valuation comparisons to similar businesses to determine the fair value of a reporting unit. Each of these methods involves Level 3 unobservable market inputs and require us to make certain assumptions and estimates including future operating results, the extent and timing of future cash flows, working capital requirements, sales prices, profitability, discount rates, sales growth trends and cost trends. As of April 30, 2020, the discount rates utilized to value the reporting units were in a range from 9.75% to 11.25%. We utilized third-party valuation advisors to assist us with these valuations. These impairment tests incorporate inherent uncertainties, which are difficult to predict in volatile economic environments. While we believe that our assumptions and estimates were reasonable, actual results may differ materially from projected results which could result in the recognition of additional impairment charges in future periods.

In connection with our annual impairment tests as of October 1, 2021 and 2020, we performed a qualitative assessment of the carrying value of our U.S. indefinite-lived tradename asset similar to the goodwill assessment described above. Based on our assessment, we concluded there was no additional impairment of our U.S. tradename asset.

Amortization of Intangible Assets

Total amortization of intangible assets for each of the years ending December 31, 2022, to 2026 is currently estimated as follows (in millions):

2022	\$ 21
2023	21
2024	20
2025	18
2026	18

NOTE 7 – LEASES

We lease certain distribution centers, warehouses, office space, land and equipment. Substantially all of these leases are classified as operating leases. We recognize lease expense on a straight-line basis over the lease term. Leases with an initial term of 12 months or less are not recorded on the balance sheet.

Many of our facility leases include one or more options to renew, with renewal terms that can extend the lease term from one year to 15 years with a maximum lease term of 30 years, including renewals. The exercise of lease renewal options is at our sole discretion; therefore, renewals to extend the terms of most leases are not included in our right of use (“ROU”) assets and lease liabilities as they are not reasonably certain of exercise. In the case of our regional distribution centers and certain corporate offices, where the renewal is reasonably certain of exercise, we include the renewal period in our lease term. Leases with escalation adjustments based on an index, such as the consumer price index, are expensed based on current rates. Leases with specified escalation steps are expensed based on the total lease obligation ratably over the life of the lease. Leasehold improvements are depreciated over the expected lease term. Non-lease components, such as payment of real estate taxes, maintenance, insurance and other operating expenses, have been excluded from the determination of our lease liability.

As most of our leases do not provide an implicit rate, we use an incremental borrowing rate based on the information available at the commencement date in determining the present value of the lease payments using a portfolio approach. Our lease agreements do not contain any material residual value guarantees or material restrictive covenants.

Expense associated with our operating leases was \$38 million and \$38 million for the year ended December 31, 2021 and 2020, respectively, which is classified in selling, general and administrative expenses. Cash paid for leases recognized as liabilities was \$36 million and \$43 million for the year ended December 31, 2021 and 2020, respectively,

The maturity of lease liabilities is as follows (in millions):

Maturity of Operating Lease Liabilities

2022	\$	38
2023		33
2024		29
2025		22
2026		20
After 2026		188
Total lease payments		<u>330</u>
Less: Interest		(120)
Present value of lease liabilities	\$	<u>210</u>

Amounts maturing after 2026 include expected renewals for leases of regional distribution centers and certain corporate offices through dates up to 2049.

The term and discount rate associated with leases are as follows:

Operating Lease Term and Discount Rate	December 31, 2021
Weighted-average remaining lease term (years)	13
Weighted-average discount rate	6.7%

During the year ended December 31, 2020, actions were taken to close a number of facilities as part of a broader plan to streamline operations and reduce costs. In connection with these closures, we incurred charges totaling \$14 million related to impairments of right of use assets, lease abandonments and charges associated with contractual obligations under lease agreements. These are reflected in selling, general and administrative expense in the accompanying statement of operations and amounted to \$3 million, \$1 million, and \$10 million in our U.S., Canada and International segments, respectively.

In December 2020, we completed the sale and leaseback of certain owned office and warehouse facilities. Net proceeds from these transactions totaled \$29 million and, upon the close of these transactions, we recognized a gain on the sale of the underlying assets of \$5 million which is reflected in other, net income in the accompanying statement of operations. At the same time, we recorded \$24 million of ROU assets and operating lease liabilities for these arrangements.

NOTE 8—LONG-TERM DEBT

The components of our long-term debt are as follows (in millions):

	December 31,	
	2021	2020
Senior Secured Term Loan B, net of discount and issuance costs of \$1	\$ 297	\$ 383
Global ABL Facility	—	—
	<u>297</u>	<u>383</u>
Less: current portion	2	4
	<u>\$ 295</u>	<u>\$ 379</u>

Senior Secured Term Loan B: In May 2018, we entered into Refinancing Amendment No. 2 relating to the Term Loan Credit Agreement, dated as of November 9, 2012, by and among the Company, MRC Global (US) Inc., as the borrower, the other subsidiaries of the Company from time to time party thereto as guarantors, the several lenders from time to time party thereto, Bank of America, N.A., as administrative agent, and U.S. Bank National Association, as collateral trustee. Pursuant to the amendment, the parties agreed to appoint JPMorgan Chase Bank, N.A. as the new administrative agent for the lenders. As amended, the Term Loan Agreement provides for a \$400 million seven year Term Loan B (the “Term Loan”), which matures September 22, 2024. Pursuant to this amendment, the Company and the other parties thereto agreed to reduce the interest rate margin applicable to term loans, in the case of loans incurring interest based on the base rate, from 250 basis points to 200 basis points, and in the case of loans incurring interest based on LIBOR, from 350 basis points to 300 basis points. The parties to the amendment also agreed to reduce the base rate ‘floor’ from 2.00% to 1.00% and to reduce the LIBOR ‘floor’ from 1.00% to 0.00%. The parties also reset the prepayment premium applicable to voluntary prepayments of the term loans such that repayments made in connection with certain re-pricing transactions will be subject to a 1% premium if made during the first six months following the date of the amendment. Except as described above, the terms of the Term Loan Agreement generally were not modified as a result of the amendment.

Accordion. The Term Loan allows for incremental increases up to an aggregate of \$200 million, plus an additional amount such that the Company’s first lien leverage ratio (the ratio of the Company’s Consolidated EBITDA (as defined under the Term Loan Agreement) to senior secured debt), net of up to \$75 million of unrestricted cash, would not exceed 4.00 to 1.00.

Maturity. The scheduled maturity date of the Term Loan is September 22, 2024. The Term Loan amortizes in equal quarterly installments at 1% a year with the payment of the balance at maturity.

Guarantees. The Company and all of the U.S. borrower’s current and future wholly owned material U.S. subsidiaries guaranteed the Term Loan subject to certain exceptions.

Security. The Term Loan is secured by a first lien on all of the Company’s assets and the assets of its domestic subsidiaries, subject to certain exceptions and other than the collateral securing the Global ABL Facility (which includes accounts receivable, inventory and related assets, collectively, the “ABL collateral”), and by a second lien on the ABL collateral. In addition, a pledge secures the Term Loan of all the capital stock of the Company’s domestic subsidiaries and 65% of the capital stock of its first tier foreign subsidiaries, subject to certain exceptions.

Interest Rates and Fees. The Company has the option to pay interest at a base rate, subject to a floor of 1.00%, plus an applicable margin, or at a rate based on LIBOR, subject to a floor of 0.00%, plus an applicable margin. The applicable margin for base rate loans is 200 basis points, and the applicable margin for LIBOR loans is 300 basis points.

Mandatory Prepayment. The Company is required to repay the Term Loan with certain asset sale, insurance and debt proceeds. In addition, on an annual basis, the Company is required to repay an amount equal to 50% of excess cash flow, as defined in the Term Loan agreement, reducing to 25% if the Company’s senior secured leverage ratio is no more than 2.75 to 1.00. No payment of excess cash flow is required if the Company’s senior secured leverage ratio is less than or equal to 2.50 to 1.00. The amount of cash used in the determination of the senior secured leverage ratio is limited to \$75 million. Under the terms of the Term Loan, we were required to make a payment of approximately \$86 million in April 2021 as a result of excess cash flow generated in the year ended December 31, 2020.

Restrictive Covenants. The Term Loan does not include any financial maintenance covenants.

The Term Loan contains restrictive covenants (in each case, subject to exclusions) that limit, among other things, the ability of the Company and its restricted subsidiaries to:

- make investments, including acquisitions;
- prepay certain indebtedness;
- grant liens;
- incur additional indebtedness;
- sell assets;
- make fundamental changes to our business;
- enter into transactions with affiliates; and
- pay dividends.

The Term Loan also contains other customary restrictive covenants. The covenants are subject to various baskets and materiality thresholds, with certain of the baskets permitted by the restrictions on the repayment of subordinated indebtedness, restricted payments and investments being available only when the senior secured leverage ratio of the Company and its restricted subsidiaries is less than 3.75 to 1.00.

The Term Loan provides that the Company and its restricted subsidiaries may incur any first lien indebtedness that is *pari passu* to the Term Loan so long as the pro forma senior secured leverage ratio of the Company and its restricted subsidiaries is less than or equal to 4.00 to 1.00. The Company and its restricted subsidiaries may incur any second lien indebtedness so long as the pro forma junior secured leverage ratio of the Company and its restricted subsidiaries is less than or equal to 4.75 to 1.00. The Company and its restricted subsidiaries may incur any unsecured indebtedness so long as the total leverage ratio of the Company and its restricted subsidiaries is less than or equal to 5.00 to 1.00 or the pro forma consolidated interest coverage ratio of the Company and its restricted subsidiaries is greater than or equal to 2.00 to 1.00. Additionally, under the Term Loan, the Company and its restricted subsidiaries may incur indebtedness under the Global ABL Facility (or any replacement facility) in an amount not to exceed the greater of \$1.3 billion and a borrowing base (equal to, subject to certain exceptions, 85% of all accounts receivable and 65% of the book value of all inventory that the Company and its restricted subsidiaries own).

The Term Loan contains certain customary representations and warranties, affirmative covenants and events of default, including, among other things, payment defaults, breaches of representations and warranties, covenant defaults, cross-defaults to certain indebtedness, certain events of bankruptcy, certain events under ERISA, judgment defaults, actual or asserted failure of any material guaranty or security documents supporting the Term Loan to be in full force and effect and change of control. If such an event of default occurs, the Agent under the Term Loan is entitled to take various actions, including the acceleration of amounts due under the Term Loan and all other actions that a secured creditor is permitted to take following a default.

In March 2020, we purchased and retired \$3 million of the outstanding interests in the Term Loan at a cost of \$2 million. We recognized a gain of \$1 million on the extinguishment of the debt in the year ended December 31, 2020.

Global ABL Credit Facility: In September 2021, the Company entered into a Fourth Amended and Restated Loan, Security and Guarantee Agreement (the “Global ABL Facility”) by and among the Company, certain of its subsidiaries, its lenders and Bank of America, N.A. as administrative agent, security trustee and collateral agent. As part of the amendment, the multi-currency global asset-based revolving credit facility was reduced to \$750 million from \$800 million and the maturity was extended to September 2026 from September 2022. The Global ABL Facility is comprised of \$705 million in revolver commitments in the United States, which includes a \$30 million sub-limit for Canada, \$12 million in Norway, \$10 million in Australia, \$10.5 million in the Netherlands, \$7.5 million in the United Kingdom and \$5 million in Belgium. The Global ABL Facility contains an accordion feature that allows us to increase the principal amount of the facility by up to \$250 million, subject to securing additional lender commitments.

Guarantees. Each of our current and future wholly owned material U.S. subsidiaries and MRC Global Inc. guarantees the obligations of our borrower subsidiaries under the Global ABL Facility. Additionally, each of our non-U.S. borrower subsidiaries guarantees the obligations of our other non-U.S. borrower subsidiaries under the Global ABL Facility. No non-U.S. subsidiary guarantees the U.S. tranche, and no property of our non-U.S. subsidiaries secures the U.S. tranche.

Security. Obligations under the U.S. tranche are primarily secured, subject to certain exceptions, by a first-priority security interest in the accounts receivable, inventory and related assets of our wholly owned, material U.S. subsidiaries. The security interest in accounts receivable, inventory and related assets of the U.S. borrower subsidiaries ranks prior to the security interest in this collateral which secures the Term Loan. The obligations of any of our non-U.S. borrower subsidiaries are primarily secured, subject to certain exceptions, by a first-priority security interest in the accounts receivable, inventory and related assets of the non-U.S. subsidiary and our wholly owned material U.S. subsidiaries.

Borrowing Bases. Each of our non-U.S. borrower subsidiaries has a separate standalone borrowing base that limits the non-U.S. subsidiary’s ability to borrow under its respective tranche; provided that the non-U.S. subsidiaries may utilize excess availability under the U.S. tranche to borrow amounts in excess of their respective borrowing bases (but not to exceed the applicable commitment amount for the foreign subsidiary’s jurisdiction), which utilization will reduce availability under the U.S. tranche dollar for dollar.

Subject to the foregoing, our ability to borrow in each jurisdiction, other than Belgium, under the Global ABL Facility is limited by a borrowing base in that jurisdiction equal to 85% of eligible receivables, plus the lesser of 70% of eligible inventory and 85% of appraised net orderly liquidation value of the inventory. In Belgium, our borrowing is limited by a borrowing base determined under Belgian law.

Interest Rates. U.S. borrowings under the facility bear interest at LIBOR plus a margin varying between 1.25% and 1.75% based on our fixed charge coverage ratio. Canadian borrowings under the facility bear interest at the Canadian Dollar Bankers’ Acceptances Rate (“BA Rate”) plus a margin varying between 1.25% and 1.75% based on our fixed charge coverage ratio. Borrowings by our foreign borrower subsidiaries bear interest at a benchmark rate, which varies based on the currency in which such borrowings are made, plus a margin varying between 1.25% and 1.75% based on our fixed charge coverage ratio.

Excess Availability. At December 31, 2021, availability under our revolving credit facilities was \$484 million.

Interest on Borrowings: The interest rates on our borrowings outstanding at December 31, 2021 and 2020, including a floating to fixed interest rate swap and amortization of debt issuance costs, were as follows:

	December 31,	
	2021	2020
Senior Secured Term Loan B	5.41%	4.93%
Global ABL Facility	—%	—%
Weighted average interest rate	5.41%	4.93%

Maturities of Long-Term Debt: At December 31, 2021, annual maturities of long-term debt during the next five years are as follows (in millions):

2022	2
2023	3
2024	292
2025	—
2026	—
Thereafter	—

NOTE 9—DERIVATIVE FINANCIAL INSTRUMENTS

We use derivative financial instruments to help manage our exposure to interest rate risk and fluctuations in foreign currencies.

Interest Rate Swap: In March 2018, we entered into a five year interest rate swap that became effective on March 31, 2018, with a notional amount of \$250 million from which we receive payments at 1-month LIBOR and make monthly payments at a fixed rate of 2.7145% with settlement and reset dates on or near the last business day of each month until maturity. The fair value of the swap at inception was zero. The fair value of the interest rate swap was a liability of \$7 million and \$14 million as of December 31, 2021 and December 31, 2020, respectively.

Foreign Exchange Forward and Option Contracts: All of our foreign exchange derivative instruments are freestanding. We have not designated our foreign exchange derivatives as hedges and, accordingly, changes in their fair market value are recorded in earnings. Foreign exchange forward contracts are reported at fair value utilizing the Level 2 inputs, as the fair value is based on broker quotes for the same or similar derivative instruments. The fair value of foreign exchange derivative instruments recorded in our consolidated balance sheets at December 31, 2021 and 2020 was not material. The total notional amount of outstanding forward foreign exchange contracts was approximately \$0 million and \$3 million at December 31, 2021 and 2020, respectively.

For the years ended December 31, 2021, 2020 and 2019, the gain or loss recognized in our consolidated statements of operations related to our derivative instruments was not material.

NOTE 10—INCOME TAXES

The components of our income (loss) before income taxes were (in millions):

	Year Ended December 31,		
	2021	2020	2019
United States	\$ (14)	\$ (216)	\$ 86
Foreign	—	(67)	(20)
	<u>\$ (14)</u>	<u>\$ (283)</u>	<u>\$ 66</u>

Income taxes included in the consolidated statements of operations consist of (in millions):

	Year Ended December 31,		
	2021	2020	2019
Current:			
Federal	\$ 10	\$ 8	\$ 22
State	2	2	6
Foreign	3	2	4
	<u>15</u>	<u>12</u>	<u>32</u>
Deferred:			
Federal	(14)	(20)	(4)
State	(2)	—	—
Foreign	1	(1)	(1)
	<u>(15)</u>	<u>(21)</u>	<u>(5)</u>
Income tax (benefit) expense	<u>\$ —</u>	<u>\$ (9)</u>	<u>\$ 27</u>

Our effective tax rate varied from the statutory federal income tax rate for the following reasons (in millions):

	Year Ended December 31,		
	2021	2020	2019
Federal tax (benefit) expense at statutory rates	\$ (3)	\$ (60)	\$ 14
State taxes	(1)	—	4
Nondeductible expenses and other	1	5	3
Goodwill impairment charge	—	43	—
Change in valuation allowance related to foreign losses	3	3	6
Income tax (benefit) expense	\$ —	\$ (9)	\$ 27
Effective tax rate	<u>0%</u>	<u>3%</u>	<u>41%</u>

Significant components of our deferred tax assets and liabilities are as follows (in millions):

	December 31,	
	2021	2020
Deferred tax assets:		
Allowance for doubtful accounts	\$ 1	\$ 1
Accruals and reserves	15	17
Net operating loss and tax credit carryforwards	67	68
Other	2	2
Subtotal	<u>85</u>	<u>88</u>
Valuation allowance	<u>(71)</u>	<u>(71)</u>
Total	<u>14</u>	<u>17</u>
Deferred tax liabilities:		
Inventory valuation	(13)	(23)
Property, plant and equipment	(8)	(10)
Intangible assets	(46)	(50)
Total	<u>(67)</u>	<u>(83)</u>
Net deferred tax liability	<u>\$ (53)</u>	<u>\$ (66)</u>

We record a valuation allowance when it is more likely than not that some portion or all of our deferred tax assets will not be realized. The ultimate realization of the deferred tax assets depends on the ability to generate sufficient taxable income of the appropriate character in the future and in the appropriate taxing jurisdictions. If we were to determine that we would be able to realize our deferred tax assets in the future in excess of their net recorded amount, we would make an adjustment to the valuation allowance, which would reduce the provision for income taxes.

In the United States, we had approximately \$19 million of state net operating loss (“NOL”) carryforwards as of December 31, 2021, which will expire in future years through 2041 and foreign tax credit (“FTC”) carryforwards of \$5 million, which will expire in future years through 2027. In certain non-U.S. jurisdictions, we had \$202 million of NOL carryforwards, of which \$160 million have no expiration and \$42 million will expire in future years through 2041. We believe that it is more likely than not that the benefit from U.S. state NOL and FTC carryforwards and non-U.S. jurisdiction NOL carryforwards will not be realized. As such, we have recorded full valuation allowance on the deferred tax assets related to these NOL and FTC carryforwards.

Dividends from the earnings of our foreign subsidiaries subsequent to 2017 are eligible for a 100% dividend exclusion in determining our U.S. federal taxes. As such, we do not expect future dividends, if any, from the earnings of our foreign subsidiaries to result in U.S. federal income taxes. Deferred tax liabilities arising from the difference between the financial reporting and income tax bases inherent in these foreign subsidiaries, referred to as outside basis differences, have not been provided for U.S. income tax purposes because we do not intend to sell, liquidate or otherwise trigger the recognition of U.S. taxable income with regard to our investment in these foreign subsidiaries. Determining the amount of U.S. deferred tax liabilities associated with outside basis differences is not practicable at this time.

Our tax filings for various periods are subject to audit by the tax authorities in most jurisdictions where we conduct business. We are no longer subject to U.S. federal income tax examination for all years through 2017 and the statute of limitations at our international locations is generally six years or seven years.

At December 31, 2021 and 2020, our unrecognized tax benefits totaled \$1 million and \$1 million, respectively.

NOTE 11—REDEEMABLE PREFERRED STOCK

Preferred Stock Issuance

In June 2015, we issued 363,000 shares of Series A Convertible Perpetual Preferred Stock (the “Preferred Stock”) and received gross proceeds of \$363 million. The Preferred Stock ranks senior to our common stock with respect to dividend rights and rights on liquidation, winding-up and dissolution. The Preferred Stock has a stated value of \$1,000 per share, and holders of Preferred Stock are entitled to cumulative dividends payable quarterly in cash at a rate of 6.50% per annum. In June 2018, the holders of Preferred Stock designated one member to our board of directors. If we fail to declare and pay the quarterly dividend for an amount equal to six or more dividend periods, the holders of the Preferred Stock would be entitled to designate an additional member to our board of directors. Holders of Preferred Stock are entitled to vote together with the holders of the common stock as a single class, in each case, on an as-converted basis, except where law requires a separate class vote of the common stockholders. Holders of Preferred Stock have certain limited special approval rights, including with respect to the issuance of *pari passu* or senior equity securities of the Company.

The Preferred Stock is convertible at the option of the holders into shares of common stock at an initial conversion rate of 55.9284 shares of common stock for each share of Preferred Stock, which represents an initial conversion price of \$17.88 per share of common stock, subject to adjustment. The Company currently has the option to redeem, in whole but not in part, all the outstanding shares of Preferred Stock at 105% of par value, subject to certain redemption price adjustments. On or after June 10, 2022, the Company will have the option to redeem, in whole but not in part, all of the outstanding shares of Preferred Stock at par value, subject to certain redemption price adjustments. We may elect to convert the Preferred Stock, in whole but not in part, into the relevant number of shares of common stock if the last reported sale price of the common stock has been at least 150% of the conversion price then in effect for a specified period. The conversion rate is subject to customary anti-dilution and other adjustments.

Holders of the Preferred Stock may, at their option, require the Company to repurchase their shares in the event of a fundamental change, as defined in the agreement. The repurchase price is based on the original \$1,000 per share purchase price except in the case of a liquidation, in which case the holders would receive the greater of \$1,000 per share and the amount that would be received if they held common stock converted at the conversion rate in effect at the time of the fundamental change. Because this feature could require redemption as a result of the occurrence of an event not solely within the control of the Company, the Preferred Stock is classified as temporary equity on our balance sheet.

NOTE 12—STOCKHOLDERS' EQUITY**Preferred Stock**

We have authorized 100,000,000 shares of preferred stock. Our Board of Directors has the authority to issue shares of the preferred stock. As of December 31, 2021 and 2020, the 363,000 shares of preferred stock described in Note 11 were issued and outstanding.

Share Repurchase Programs

From time to time, the Company's board of directors has authorized repurchase programs for shares of the Company's common stock. Under these plans, we have repurchased 24,216,330 shares of common stock at an average price per share of \$15.48 for a total cost of \$375 million. As of December 31, 2019, there were no remaining authorizations outstanding under these programs. There were 83,067,841 shares of common stock outstanding as of December 31, 2021.

The following table summarizes the share repurchase activity:

	2021	2020	2019
Number of shares acquired on the open market	—	—	4,868,491
Average price per share	\$ —	\$ —	\$ 15.38
Total cost of acquired shares (in millions)	\$ —	\$ —	\$ 75

Accumulated Other Comprehensive Loss

Accumulated other comprehensive loss in the accompanying consolidated balance sheets consists of the following (in millions):

	December 31,	
	2021	2020
Currency translation adjustments	\$ (225)	\$ (222)
Hedge accounting adjustments	(5)	(11)
Other adjustments	(1)	(1)
Accumulated other comprehensive loss	<u>\$ (231)</u>	<u>\$ (234)</u>

Earnings per Share

Earnings per share are calculated in the table below (in millions, except per share amounts):

	Year Ended December 31,		
	2021	2020	2019
Net (loss) income attributable to common stockholders	<u>\$ (38)</u>	<u>\$ (298)</u>	<u>\$ 15</u>
Average basic shares outstanding	82.5	82.0	83.0
Effect of dilutive securities	—	—	0.9
Average diluted shares outstanding	<u>82.5</u>	<u>82.0</u>	<u>83.9</u>
Net (loss) income per share:			
Basic	\$ (0.46)	\$ (3.63)	\$ 0.18
Diluted	\$ (0.46)	\$ (3.63)	\$ 0.18

Equity awards and shares of Preferred Stock are disregarded in this calculation if they are determined to be anti-dilutive. For the years ended December 31, 2021, 2020 and 2019 all of the shares of Preferred Stock were anti-dilutive. We had approximately 2.3 million, 3.6 million and 2.5 million anti-dilutive stock options, restricted stock units, and performance units for the years ended December 31, 2021, 2020, and 2019, respectively.

NOTE 13—EMPLOYEE BENEFIT PLANS

Equity Compensation Plans: Our 2011 Omnibus Incentive Plan originally had 3,250,000 shares available for issuance pursuant to the plan. In both April 2015 and 2019, our shareholders approved an additional 4,250,000 shares and 2,500,000 shares, respectively, for issuance under the plan. Shares that do not vest and are forfeited and shares that are surrendered for the payment of withholding taxes are returned to the pool of shares available for issuance pursuant to the plan. Certain shares that are not likely to be issued may also be available. The plan permits the issuance of stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units and other stock-based and cash-based awards. Since the adoption of the 2011 Omnibus Incentive Plan, the Company's Board of Directors has periodically granted stock options, restricted stock awards, restricted stock units and performance share units to directors and employees, but no other types of awards have been granted under the plan. Options and stock appreciation rights may not be granted at prices less than their fair market value on the date of the grant, nor for a term exceeding ten years. For employees, vesting generally occurs over a three year period (but no less than one year) on the anniversaries of the date specified in the employees' respective agreements, subject to accelerated vesting under certain circumstances set forth in the agreements. Vesting for directors generally occurs on the one year anniversary of the grant date. In 2021, 119,782 shares of restricted stock, 366,799 performance share units and 1,036,024 restricted units were granted to executive management, members of our Board of Directors and employees under this plan. During 2020, 169,603 shares of restricted stock, 277,106 performance share units and 1,373,575 restricted units were granted to executive management, members of our Board of Directors and employees under this plan. To date, 11,054,248 shares have been granted under this plan. A Black-Scholes option pricing model is used to estimate the fair value of the stock options. A Monte Carlo simulation is completed to estimate the fair value of performance share unit awards with a stock price performance component. We expense the fair value of all equity grants, including performance share unit awards, on a straight line basis over the vesting period.

Stock Options

The following tables summarize award activity for stock options:

	Options	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (years)	Aggregate Intrinsic Value (millions)
<i>Stock Options</i>				
Balance at December 31, 2020	2,144,195	\$ 24.01	1.7	\$ —
Exercised	—	—		
Forfeited	(391,050)	19.15		
Expired	—	—		
Balance at December 31, 2021	<u>1,753,145</u>	\$ 25.10	0.9	\$ —
At December 31, 2021				
Options outstanding, vested and exercisable	1,753,145	\$ 25.10	0.9	\$ —
Options outstanding, vested and expected to vest	1,753,145	\$ 25.10	0.9	\$ —
	Year Ended December 31,			
	<u>2021</u>	<u>2020</u>	<u>2019</u>	
<i>Stock Options</i>				
Weighted-average, grant-date fair value of awards granted	\$ —	\$ —	\$ —	\$ —
Total intrinsic value of stock options exercised	—	—	—	767
Total fair value of stock options vested	—	—	—	—

Restricted Stock Awards

The following tables summarizes award activity for restricted stock awards:

	Shares	Weighted Average Grant-Date Fair Value
<i>Restricted Stock Awards</i>		
Nonvested at December 31, 2020	169,603	\$ 4.59
Granted	119,782	10.68
Vested	(169,603)	4.59
Forfeited	—	—
Nonvested at December 31, 2021	<u>119,782</u>	<u>\$ 10.68</u>

	Year Ended December 31,		
	2021	2020	2019
<i>Restricted Stock Awards</i>			
Weighted-average, grant-date fair value of awards granted	\$ 10.68	\$ 4.59	\$ 18.05
Total fair value of restricted stock vested	1,979,267	396,935	1,461,431

Restricted Stock Unit Awards

The following table summarizes award activity for restricted unit awards:

	Shares	Weighted Average Grant-Date Fair Value
<i>Restricted Stock Unit Awards</i>		
Nonvested at December 31, 2020	1,879,930	\$ 10.38
Granted	1,036,024	9.30
Vested	(1,177,669)	9.57
Forfeited	(110,609)	10.31
Nonvested at December 31, 2021	<u>1,627,676</u>	<u>\$ 10.28</u>
	Year Ended December 31,	
	<u>2021</u>	<u>2020</u>
	<u>2019</u>	
<i>Restricted Stock Unit Awards</i>		
Weighted-average, grant-date fair value of awards granted	\$ 9.30	\$ 8.30
Total fair value of restricted stock units vested	9,294,617	7,918,337
		9,619,773

Performance Share Unit Awards

Performance share units have been granted to certain executive officers. The performance unit awards will be earned only to the extent that MRC Global attains specified performance goals over a three year period relating to MRC Global's total shareholder return compared to companies within the Philadelphia Oil Service Index (plus with 2020 and 2021 grants, NOW Inc.) and specified return on average net capital employed calculation ("RANCE") goals established on the date in which the award was granted. The number of shares awarded at the end of the three year period could vary from zero, if performance goals are not met, to as much as 200% of target, if performance goals are exceeded.

The following tables summarizes award activity for performance unit awards:

	Shares	Weighted Average Grant-Date Fair Value
<i>Performance Share Unit Awards</i>		
Nonvested at December 31, 2020	692,220	\$ 16.57
Granted	366,799	11.86
Vested	(102,765)	22.37
Forfeited	(268,087)	13.95
Nonvested at December 31, 2021	<u>688,167</u>	<u>\$ 13.94</u>
	Year Ended December 31,	
	<u>2021</u>	<u>2020</u>
	<u>2019</u>	
<i>Performance Share Unit Awards</i>		
Weighted-average, grant-date fair value of awards granted	\$ 11.86	\$ 12.25
Total fair value of performance share units vested	957,770	2,328,350
		5,921,169

Recognized compensation expense and related income tax benefits under our equity-based compensation plans are set forth in the table below (in millions):

	Year Ended December 31,		
	2021	2020	2019
Equity-based compensation expense:			
Stock options	\$ —	\$ —	\$ —
Restricted stock awards	1	1	1
Restricted stock unit awards	10	10	10
Performance share unit awards	1	1	5
Total equity-based compensation expense	<u>\$ 12</u>	<u>\$ 12</u>	<u>\$ 16</u>
Income tax benefits related to equity-based compensation	<u>\$ 2</u>	<u>\$ 2</u>	<u>\$ 4</u>

Unrecognized compensation expense under our equity-based compensation plans is set forth in the table below (in millions):

	Weighted- Average Vesting Period (in years)	December 31, 2021
Unrecognized equity-based compensation expense:		
Restricted stock awards	0.4	\$ —
Restricted stock unit awards	1.0	7
Performance share unit awards	1.3	3
Total unrecognized equity-based compensation expense		<u>\$ 10</u>

Defined Contribution Employee Benefit Plans: We maintain defined contribution employee benefit plans in a number of countries in which we operate including the U.S. and Canada. These plans generally allow employees the option to defer a percentage of their compensation in accordance with local tax laws. In addition, we make contributions under these plans ranging from 1% to 15.5% of eligible compensation. In June 2020, the Company indefinitely suspended matching contributions for employees in the U.S. and Canada. Beginning in October 2021, the Company partially reinstated contribution matching in the U.S. and Canada. Expense under defined contribution plans were \$3 million, \$5 million and \$9 million for the years ended December 31, 2021, 2020 and 2019.

NOTE 14—RELATED PARTY TRANSACTIONS

Customers

Certain members of our Board of Directors are also on the board of directors of certain of our customers with which we do business in the ordinary course. We recognized revenue of \$22 million, \$23 million and \$18 million from these customers for the years ended December 31, 2021, 2020 and 2019, respectively. There was \$4 million and \$1 million of accounts receivable with these customers outstanding as of December 31, 2021 and 2020, respectively.

NOTE 15—SEGMENT, GEOGRAPHIC AND PRODUCT LINE INFORMATION

Our business is comprised of three operating and reportable segments: U.S., Canada and International. Our International segment consists of our operations outside of the U.S. and Canada. These segments represent our business of selling PVF to the energy sector across each of the gas utilities (storage and distribution of natural gas), downstream, industrial and energy transition (crude oil refining, petrochemical and chemical processing, general industrials and energy transition projects), upstream production (exploration, production and extraction of underground oil and gas) and midstream pipeline (gathering, processing and transmission of oil and gas) sectors.

The following table presents financial information for each segment (in millions):

	Year Ended December 31,		
	2021	2020	2019
Sales			
U.S.	\$ 2,178	\$ 2,023	\$ 2,956
Canada	132	128	226
International	356	409	480
Consolidated sales	<u>\$ 2,666</u>	<u>\$ 2,560</u>	<u>\$ 3,662</u>
Depreciation and amortization			
U.S.	\$ 15	\$ 15	\$ 15
Canada	—	1	1
International	4	4	5
Total depreciation and amortization expense	<u>\$ 19</u>	<u>\$ 20</u>	<u>\$ 21</u>
Amortization of intangibles			
U.S.	\$ 22	\$ 23	\$ 39
Canada	—	1	1
International	2	2	2
Total amortization of intangibles expense	<u>\$ 24</u>	<u>\$ 26</u>	<u>\$ 42</u>
Operating income (loss)			
U.S.	\$ (3)	\$ (207)	\$ 104
Canada	—	(6)	(1)
International	10	(47)	—
Total operating income (loss)	<u>7</u>	<u>(260)</u>	<u>103</u>
Interest expense	(23)	(28)	(40)
Other income	2	5	3
(Loss) income before income taxes	<u>\$ (14)</u>	<u>\$ (283)</u>	<u>\$ 66</u>

Total assets by segment are as follows (in millions):

	December 31,	
	2021	2020
Total assets		
United States	\$ 1,427	\$ 1,506
Canada	53	53
International	191	222
Total assets	<u>\$ 1,671</u>	<u>\$ 1,781</u>

The percentages of our property, plant and equipment relating to the following geographic areas are as follows:

	December 31,	
	2021	2020
Property, plant and equipment		
United States	89%	86%
Canada	1%	2%
International	10%	12%
Total property, plant and equipment	100%	100%

Our net sales and percentage of total sales by product line are as follows (in millions):

	Year Ended December 31,					
	2021		2020		2019	
Line pipe	\$ 381	14%	\$ 308	12%	\$ 560	15%
Carbon steel fittings and flanges	358	13%	340	13%	565	16%
Total carbon steel pipe, fittings and flanges	739	27%	648	25%	1,125	31%
Valves, automation, measurement and instrumentation	947	36%	1,018	40%	1,434	39%
Gas products	629	24%	517	20%	551	15%
Stainless steel alloy pipe and fittings	131	5%	128	5%	177	5%
General products	220	8%	249	10%	375	10%
	<u>\$ 2,666</u>		<u>\$ 2,560</u>		<u>\$ 3,662</u>	

NOTE 16—FAIR VALUE MEASUREMENTS

With the exception of long-term debt, the fair values of our financial instruments, including cash and cash equivalents, accounts receivable, trade accounts payable and accrued liabilities approximate carrying value. The carrying value of our debt was \$297 million and \$383 million at December 31, 2021 and 2020, respectively.

The fair value of our debt was \$296 million and \$372 million at December 31, 2021 and 2020, respectively. We estimated the fair value of amounts outstanding under the Term Loan using Level 2 inputs, or quoted market prices as of December 31, 2021 and 2020, respectively.

NOTE 17—COMMITMENTS AND CONTINGENCIES

Legal Proceedings

Asbestos Claims. We are one of many defendants in lawsuits that plaintiffs have brought seeking damages for personal injuries that exposure to asbestos allegedly caused. Plaintiffs and their family members have brought these lawsuits against a large volume of defendant entities as a result of the various defendants' manufacture, distribution, supply or other involvement with asbestos, asbestos-containing products or equipment or activities that allegedly caused plaintiffs to be exposed to asbestos. These plaintiffs typically assert exposure to asbestos as a consequence of third-party manufactured products that the Company's subsidiary, MRC Global (US) Inc., purportedly distributed. As of December 31, 2021, we are a named defendant in approximately 596 lawsuits involving approximately 1,161 claims. No asbestos lawsuit has resulted in a judgment against us to date, with the majority being settled, dismissed or otherwise resolved. Applicable third-party insurance has substantially covered these claims, and insurance should continue to cover a substantial majority of existing and anticipated future claims. Accordingly, we have recorded a liability for our estimate of the most likely settlement of asserted claims and a related receivable from insurers for our estimated recovery, to the extent we believe that the amounts of recovery are probable.

We annually conduct analyses of our asbestos-related litigation to estimate the adequacy of the reserve for pending and probable asbestos-related claims. Given these estimated reserves and existing insurance coverage that has been available to cover substantial portions of these claims, we believe that our current accruals and associated estimates relating to pending and probable asbestos-related litigation likely to be asserted over the next 15 years are currently adequate. This belief, however, relies on a number of assumptions, including:

- That our future settlement payments, disease mix and dismissal rates will be materially consistent with historic experience;
- That future incidences of asbestos-related diseases in the U.S. will be materially consistent with current public health estimates;
- That the rates at which future asbestos-related mesothelioma incidences result in compensable claims filings against us will be materially consistent with its historic experience;
- That insurance recoveries for settlement payments and defense costs will be materially consistent with historic experience;
- That legal standards (and the interpretation of these standards) applicable to asbestos litigation will not change in material respects;
- That there are no materially negative developments in the claims pending against us; and
- That key co-defendants in current and future claims remain solvent.

If any of these assumptions prove to be materially different in light of future developments, liabilities related to asbestos-related litigation may be materially different than amounts accrued or estimated. Further, while we anticipate that additional claims will be filed in the future, we are unable to predict with any certainty the number, timing and magnitude of such future claims. In addition, applicable insurance policies are subject to overall caps on limits, which coverage may exhaust the amount available from insurers under those limits. In those cases, the Company is seeking indemnity payments from responsive excess insurance policies, but other insurers may not be solvent or may not make payments under the policies without contesting their liability. In our opinion, there are no pending legal proceedings that are likely to have a material adverse effect on our consolidated financial statements.

Other Legal Claims and Proceedings. From time to time, we have been subject to various claims and involved in legal proceedings incidental to the nature of our businesses. We maintain insurance coverage to reduce financial risk associated with certain of these claims and proceedings. It is not possible to predict the outcome of these claims and proceedings. However, in our opinion, there are no pending legal proceedings that are likely to have a material adverse effect on our consolidated financial statements.

Product Claims. From time to time, in the ordinary course of our business, our customers may claim that the products we distribute are either defective or require repair or replacement under warranties that either we or the manufacturer may provide to the customer. These proceedings are, in the opinion of management, ordinary and routine matters incidental to our normal business. Our purchase orders with our suppliers generally require the manufacturer to indemnify us against any product liability claims, leaving the manufacturer ultimately responsible for these claims, although we did incur a charge of \$5 million related to the doubtful collection of a product claim against a foreign supplier in the year ended December 31, 2019. In many cases, state, provincial or foreign law provides protection to distributors for these sorts of claims, shifting the responsibility to the manufacturer. In some cases, we could be required to repair or replace the products for the benefit of our customer and seek our recovery from the manufacturer for our expense. In our opinion, the likelihood that the ultimate disposition of any of these claims and legal proceedings would have a material adverse effect on our consolidated financial statements is remote.

Customer Contracts

We have contracts and agreements with many of our customers that dictate certain terms of our sales arrangements (pricing, deliverables, *etc.*). While we make every effort to abide by the terms of these contracts, certain provisions are complex and may be subject to varying interpretations. Under the terms of these contracts, our customers have the right to audit our adherence to the contract terms. Historically, any settlements that have resulted from these customer audits have been immaterial to our consolidated financial statements.

Letters of Credit

Our letters of credit outstanding at December 31, 2021 approximated \$13 million.

Bank Guarantees

Certain of our international subsidiaries have trade guarantees that banks have issued on their behalf. The amount of these guarantees at December 31, 2021 was approximately \$6 million.

Purchase Commitments

We have purchase obligations consisting primarily of inventory purchases made in the normal course of business to meet operating needs. While our vendors often allow us to cancel these purchase orders without penalty, in certain cases, cancellations may subject us to cancellation fees or penalties depending on the terms of the contract.

Warranty Claims

We are involved from time to time in various warranty claims, which arise in the ordinary course of business. Historically, any settlements that have resulted from these warranty claims have been immaterial to our consolidated financial statements.

MRC Global Inc.**Restricted Stock Unit Award Agreement**

This Restricted Stock Unit Award Agreement (this "Agreement"), is made as of _____, 20____ (the "Grant Date"), between MRC Global Inc., a Delaware corporation (the "Company"), and [_____] (the "Participant").

1. Grant of Restricted Stock Units. The Company hereby grants to the Participant an award of _____ Restricted Stock Units (the "Award"). Each Restricted Stock Unit represents the right of the Participant to receive one share of the common stock of the Company (a "Share"), less applicable withholding, following vesting of the Restricted Stock Unit pursuant to Sections 3 and 4. During the period of vesting, the Restricted Stock Units will be evidenced by entries in a bookkeeping ledger account that reflect the number of Restricted Stock Units credited under the Plan for the Participant's benefit. The Restricted Stock Units shall be subject to the execution and return of this Agreement by the Participant to the Company (including as Section 21 provides). The Award is made under and pursuant to the MRC Global Inc. Omnibus Incentive Plan (as amended, the "Plan") which Plan is incorporated in this Agreement by reference, and the Award is subject to Section 9 of the Plan and all the provisions of the Plan. Capitalized terms used in this Agreement without definition shall have the same meanings given such terms in the Plan.

2. Forfeiture Restrictions; Rights of Participant

2.1. The Restricted Stock Units may not be sold, transferred, assigned or otherwise disposed of, and may not be pledged or otherwise hypothecated (the "Forfeiture Restrictions"), until vested pursuant to Section 3 or 4.

2.2. A Participant shall have no voting rights with respect to any Restricted Stock Units or any Shares corresponding to any Restricted Stock Units; *provided*, that dividends or distributions declared or paid on the Shares corresponding to the Restricted Stock Units by the Company shall be deferred and paid to the Participant at the same time as the Restricted Stock Units in respect of which such dividends or distributions were made, become vested pursuant to this Agreement. If the Restricted Stock Units are forfeited under this Agreement, the deferred dividends or distributions only with respect to the forfeited Restricted Stock Units shall also be forfeited.

3. **Vesting Schedule.** So long as the Participant has remained an employee of the Company or any of its Subsidiaries continuously from the Grant Date through the applicable vesting date, the Forfeiture Restrictions shall lapse and the Participant shall become vested in the Award in accordance with the following schedule, subject to Section 4:

Vesting Date	Percentage of Award Vested
First anniversary of Grant Date	34%
Second anniversary of Grant Date	67%
Third anniversary of Grant Date	100%

4. **Certain Vesting.** Notwithstanding Section 3 above, the vesting of the Award shall change upon the occurrence of certain events as follows:

4.1. **Death or Disability.** Upon the Participant's Termination by reason of the Participant's death or Disability at any time on or after the Grant Date and prior to the third anniversary of the Grant Date, the Award will be deemed to be vested with respect to an additional 33% of the Restricted Stock Units.

4.2. **Change in Control.** Upon a Change in Control, the Award shall become 100% vested and all Forfeiture Restrictions shall lapse.

4.3. **Retirement.** If the Participant's employment with the Company and its Subsidiaries (the "Company Group") Terminates and either:

- (a) the Participant is at least 65 years of age, or
- (b) the Participant's age plus years of service equal to at least 80,

in each case, upon that Termination, the Award shall continue to vest in accordance with the vesting schedule in Section 3 as if the Participant remained employed with the Company and its Subsidiaries so long as the Participant does not engage in a "Prohibited Activity" as defined on Exhibit A. Any Termination described in this Section 4.3 shall in this Agreement be referred to as a "Retirement". Notwithstanding the foregoing in this Section 4.3, the Participant must remain employed with the Company on or after the first anniversary of the Grant Date for this Section 4.3 to have effect unless the Company waives the one-year period.

5. **Forfeiture**

5.1. **Termination of Employment.** Any portion of the Award that has not vested as of the day following the date of the Participant's Termination for any reason other than Retirement, death or Disability shall be forfeited upon the Termination, and all Restricted Stock Units subject to the forfeited portion of the Award shall be cancelled and terminated without payment of consideration therefor, and the Participant shall cease to have any rights with respect to such forfeited Restricted Stock Units.

5.2. Retirement. In the case of a Termination by reason of Retirement, if the Participant engages in any Prohibited Activity (as defined in Exhibit A) following his Retirement, the non-vested portion of the Award may, in the sole discretion of the Committee, be immediately cancelled without payment of consideration therefor. If the Company receives an allegation of a Prohibited Activity, the Company, in its discretion, may suspend the vesting of the Award for up to three months to permit the investigation of the allegation. If the Company determines that the Participant did not engage in any Prohibited Activities, the Company shall settle the Restricted Stock Units as required under Section 6 with respect to Restricted Stock Units that would have otherwise vested but for the suspension of vesting.

6. Settlement of the Restricted Stock Units

6.1. On the date a Restricted Stock Unit becomes vested pursuant to Section 3 or Section 4, the Company shall issue to the Participant one Share, less applicable withholding, in exchange for each vested Restricted Stock Unit, and thereafter the Participant shall have no further rights with respect to such vested Restricted Stock Unit. The Company shall cause such Shares to be issued in book-entry form or to be delivered in the form of a stock certificate to the Participant (or the Participant's executor, administrator, guardian or other legal representative) in exchange for the Restricted Stock Units awarded under this Agreement, and such Shares shall be transferable by the Participant (except as may be provided under Sections 13, 14 and 15). If the Board or the Committee determines Shares are not available for payment pursuant to the Plan, the payment shall then be made in cash based on the Fair Market Value of the Shares on the date that payment is required.

6.2. Dividends.

1. If prior to the cancellation, termination or forfeiture of all of the Restricted Stock Units the Participant holds any Restricted Stock Units and the Company pays a dividend in cash with respect to its outstanding Shares (a "Cash Dividend"), then the Company will pay to the Participant in cash, an amount equal to the product of (a) the Restricted Stock Units that have not been cancelled, terminated, forfeited or exchanged and (b) the amount of the Cash Dividend paid per Share (the "Dividend Equivalent"). Dividend Equivalents shall be subject to the same restrictions, limitations and conditions applicable to the Restricted Stock Unit for which such Dividend Equivalent was awarded and will be paid in cash at the same time and on the same basis as such Restricted Stock Unit.
2. If prior to the cancellation, termination or forfeiture of all of the Restricted Stock Units the Participant hold any Restricted Stock Units and the Company pays a dividend in Shares with respect to its outstanding Shares, then the Company will increase the Restricted Stock Units awarded under this Agreement by an amount equal to the product of (a) the Restricted Stock Units that have not been cancelled, terminated, forfeited or exchanged and (b) the number of Shares paid by the Company per Share (collectively, the "Stock Dividend RSUs"). Each Stock Dividend RSU will be subject to the same restrictions, limitations and conditions applicable to the Restricted Stock Unit for which such Stock Dividend RSU was awarded and will be exchanged for Shares at the same time and on the same basis as such Restricted Stock Unit.

7. **Restrictive Covenant.** In consideration of the Award that the Company has granted to Participant in this Agreement, Participant agrees not to engage in Prohibited Activity during Participant's employment with the Company Group and for a period of [CEO: 24][EVP: 18][SVPs: 12][all others: six] months after Participant's Termination of employment with the Company Group (the "Restricted Period"). If the Participant engages in a Prohibited Activity during the Restricted Period, the Company or its appropriate Subsidiaries may seek an injunction from a court of competent jurisdiction to prevent Participant from engaging in the Prohibited Activity during the Restricted Period without the necessity of posting bond or other security to obtain the injunction. Both the Company and the Participant agree that monetary damages alone are an insufficient remedy for breach of the foregoing covenant. The Company or its appropriate Subsidiaries may seek monetary damages in addition to an injunction, and the covenant in favor of the Company Group in this Agreement is in addition to, and not in lieu of, any similar covenants that Participant may have entered into in favor of any member of the Company Group in any employment or other agreement. To the extent that a court of competent jurisdiction rules that the restrictions in the foregoing covenant are too broad, these restrictions shall be interpreted and construed in the broadest possible manner to provide the Company Group the broadest possible protection, including (without limitation) with respect to geographic coverage, activities of the Company Group's businesses and time of applicability of the restrictions.

8. **No Right to Continued Employment.** Nothing in this Agreement shall interfere with or limit in any way the right of the Company or its Subsidiaries to Terminate the Participant's employment, nor confer upon the Participant any right to continuance of employment by the Company or any of its Subsidiaries or continuance of service as a Board member.

9. **Withholding of Taxes.** To the extent that the vesting of the Restricted Stock Units or a distribution under the Agreement results in income to the Participant for any income, employment or other tax purposes with respect to which the Company Group has a withholding obligation, the Participant (or the Participant's estate) shall be required to pay to the Company (or any Affiliate that employs the Participant) at such time required under applicable law, and the Company (or any Affiliate that employs the Participant) shall have the right and is hereby authorized to withhold, any applicable withholding taxes in respect of such Award, or any payment or transfer under, or with respect to, such Award, and to take such other action as may be necessary in the opinion of the Committee to satisfy all obligations for the payment or withholding of such withholding taxes. The Participant may elect to satisfy the withholding requirement, in whole or in part, by having the Company withhold from a Share payment the number of Shares having a Fair Market Value on the date the withholding is to be determined equal to the withholding amount. The Participant shall be solely responsible for the payment of all taxes relating to the payment or provision of any amounts or benefits under this Agreement.

10. **Modification of Agreement.** This Agreement may be modified, amended, suspended or terminated, and any terms or conditions may be waived, but only by a written instrument executed by the parties hereto, except as otherwise permitted under the Plan.

11. **Severability.** Should any provision of this Agreement be held by a court of competent jurisdiction to be unenforceable or invalid for any reason, the remaining provisions of this Agreement shall not be affected by such holding and shall continue in full force in accordance with their terms.

12. **Governing Law.** The validity, interpretation, construction and performance of this Agreement shall be governed by the laws of the jurisdiction set forth in the Plan, without giving effect to the conflicts of laws principles of such jurisdiction. Notwithstanding any other provision of this Agreement, if the Participant is subject to income taxation in the United States and is a “specified employee” (within the meaning of Section 409A of the U.S. Internal Revenue Code) and an excise tax would be applicable under this Agreement pursuant to Section 409A, no payments shall be made pursuant to this Award due to a “separation from service” (within the meaning of such Section 409A) for any reason before the date that is six months after the date on which the Participant incurs such separation from service.

13. **Securities Laws.** Upon the acquisition of any Shares pursuant to the lapse of restrictions provided for under this Agreement, the Participant will make written representations, warranties and agreements as the Committee may reasonably request to comply with applicable securities laws or with this Agreement.

14. **Legend on Certificates.** The certificates representing any Shares acquired pursuant to this Award may be subject to such stop transfer orders and other restrictions as the Committee, in its discretion, may deem advisable under the Plan or under applicable state and federal securities or other laws, or under any ruling or regulation of any governmental body or national securities exchange unless an exemption to such registration or qualification is available and satisfied. The Committee may cause a legend or legends to be put on any such certificates to make appropriate reference to such restrictions.

15. **Underwriter Lockup Agreement.** In the event of any underwritten public offering of securities by the Company, the Participant agrees to the extent requested in writing by a managing underwriter, if any, not to sell, transfer or otherwise dispose of any Shares acquired pursuant to this Award (other than as part of such underwritten public offering) during the time period reasonably requested by the managing underwriter, not to exceed 180 days or such shorter period as such managing underwriter may permit.

16. **Successors in Interest.** This Agreement shall inure to the benefit of and be binding upon any successor to the Company. This Agreement shall inure to the benefit of the Participant’s legal representatives. All obligations imposed upon the Participant and all rights granted to the Company under this Agreement shall be binding upon the Participant’s heirs, executors, administrators and successors.

17. **Resolution of Disputes.** Any dispute or disagreement which may arise under, or as a result of, or in any way relate to, the interpretation, construction or application of this Agreement shall be determined by the Committee. Any determination made under this Agreement shall be final, binding and conclusive on the Participant, the Participant’s heirs, executors, administrators and successors, and the Company and its Subsidiaries for all purposes. By accepting the grant pursuant to this Agreement, the Participant confirms that Participant is subject to the policies of Participant’s employing company within the Company Group (except as may be specifically modified in an employment agreement), including (without limitation) any policy requiring mandatory arbitration of employment disputes and the grant pursuant to this Agreement is further consideration of those policies.

18. Non-Transferability. Subject to the terms of the Plan, no rights under this Agreement shall be transferable otherwise than by will, the laws of descent and distribution, and, except to the extent otherwise provided in this Agreement, the rights and the benefits of the Agreement may be exercised and received, respectively, during the lifetime of the Participant only by the Participant or by the Participant's executor, administrator, guardian or other legal representative.

19. Entire Agreement. This Agreement constitutes the entire understanding between the Participant and the Company and its Subsidiaries with respect to the Award, and supersedes all other agreements, whether written or oral, with respect to the Award.

20. Headings; References. The headings of this Agreement are inserted for convenience only and do not constitute a part of this Agreement. Unless the context clearly requires to the contrary, references in this Agreement to Sections mean the sections of this Agreement; references to the singular include the plural, and *vice versa*; and references to Awards, Shares and Restricted Stock Units mean the Awards, Shares and Restricted Stock Units subject to this Agreement.

21. Counterparts and Electronic Administration. This Agreement may be executed simultaneously in two or more counterparts, each of which shall constitute an original, but all of which taken together shall constitute one and the same agreement. This Agreement may be signed by indicating assent to be bound by this Agreement through an electronic trading system that the Company establishes or sponsors rather than a physical signature.

MRC Global Inc.

By: _____

Name:

Title:

Participant

By: _____

Name:

Title:

Exhibit A

Non-Competition and Non-Solicitation

A “Prohibited Activity” shall be deemed to have occurred, if the Participant:

(i) divulges any non-public, confidential or proprietary information of the Company or of its past or present subsidiaries (collectively, the “Company Group”), but excluding information that:

- (a) becomes generally available to the public other than as a result of the Participant’s public use, disclosure, or fault,
- (b) becomes available to the Participant on a non-confidential basis after the Participant’s employment termination date from a source other than a member of the Company Group prior to the public use or disclosure by the Participant; *provided* that the source is not bound by a confidentiality agreement or otherwise prohibited from transmitting the information by a contractual, legal or fiduciary obligation,
- (c) is independently developed, discovered or arrived at by the Participant without using any of the information from the Company Group, or
- (d) is disclosed by the Participant pursuant to a requirement of law, court order or legal, governmental, judicial, regulatory or similar process, or

(ii) directly or indirectly, consults with, becomes a director, officer or partner of, conducts, participates or engages in, or becomes employed by, any business that is competitive with the business of any current member of the Company Group, wherever from time to time conducted throughout the world, including situations where the Participant solicits or participates in or assists in any way in the solicitation or recruitment, directly or indirectly, of any employees of any current member of the Company Group. For the avoidance of doubt, businesses that compete with the Company’s business include (without limitation) the distribution business to the energy industry of NOW Inc., RK Supply, Elite Supply, Jet Specialty, Charbonneau Industries, the Sunbelt business of Floworks, Russell Metals, Score Group, the industrial business of Ferguson/Wolseley, Van Leeuwen and the distribution businesses of Marubeni and Sumitomo and their successors.

Subsidiaries for 2021 Form 10-K

1.	Greenbrier Petroleum Corporation	U.S. (WV)
2.	McJunkin de Angola, LDA	Angola (inactive)
3.	McJunkin Red Man de Mexico S. de R.L. de C.V.	Mexico
4.	McJunkin Red Man Development Corporation	U.S. (Delaware) (inactive)
5.	McJunkin Red Man International Corp.	BVI
6.	McJunkin Red Man International Services Corp.	BVI
7.	McJunkin Red Man Servicios S. de R.L. de C.V.	Mexico
8.	McJunkin Red Man UK Ltd	UK
9.	McJunkin Venezuela	Venezuela (inactive)
10.	Midway-Tristate Corporation	U.S. (New York) (inactive)
11.	Milton Oil & Gas Company	U.S. (WV)
12.	MRC Flangefitt Limited	UK
13.	MRC Global Australia Pty Ltd	Australia
14.	MRC Global (Belgium) NV	Belgium
15.	MRC Global (Canada) Ltd.	Canada
16.	MRC Global (Caspian) LLP	Kazakhstan
17.	MRC Global Distribution (Nigeria) Limited	Nigeria
18.	MRC Global (Finland) Oy	Finland

19.	MRC Global (France) SAS	France
20.	MRC Global (Germany) GmbH	Germany
21.	MRC Global (Italy) Srl	Italy
22.	MRC Global (Korea) Limited	Korea
23.	MRC Global Management Company	U.S. (Delaware)
24.	MRC Global Middle East FZE	UAE
25.	MRC Global Middle East Trading L.L.C. ¹	UAE
26.	MRC Global (Netherlands) B.V.	Netherlands
27.	MRC Global (New Zealand) Limited	New Zealand
28.	MRC Global Norway AS	Norway
29.	MRC Global (Saudi Arabia) LLC ²	Saudi Arabia
30.	MRC Global Services Company LLC	U.S. (Delaware)
31.	MRC Global (Singapore) Pte. Ltd.	Singapore
32.	MRC Global (Thailand) Company Limited	Thailand
33.	MRC Global (UK) Limited	UK
34.	MRC Global (US) Inc.	U.S. (Delaware)
35.	MRC Stream AS	Norway
36.	MRC Transmark Group B.V.	Netherlands
37.	MRC Transmark Holdings UK Limited	UK

38.	MRC Transmark International B.V.	Netherlands
39.	PT MRC Global Indonesia	Indonesia
40.	PT SPF Indonesia	Indonesia
41.	Red Man Pipe & Supply International Limited	Jamaica (inactive)
42.	Ruffner Realty Company	U.S. (WV)
43.	The South Texas Supply Company, Inc.	U.S. (inactive)

1 MRC Global Middle East Trading L.L.C. is owned 49% by MRC Transmark Holdings UK Ltd. and 51% by Professional Partnership Investments L.L.C., a local corporate sponsor in Abu Dhabi, UAE.

2 MRC Global (Saudi Arabia) LLC is owned 75% by MRC Transmark Group B.V., 12.5% by Saudi Trading & Research Co Ltd, and 12.5% by Unique Effort Trading Co., Ltd.

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the following Registration Statements:

- Registration Statement (Form S-3 No. 333-187034) of MRC Global Inc.;
- Registration Statement (Form S-3 No. 333-206456) of MRC Global Inc.;
- Registration Statement (Form S-3 No. 333-226883) of MRC Global Inc.;
- Registration Statement (Form S-3 No. 333-258714) of MRC Global Inc.;
- Registration Statement (Form S-8 No. 333-180777) pertaining to the MCJ Holding Corporation 2007 Stock Option Plan and MRC Global Inc. 2011 Omnibus Incentive Plan;
- Registration Statement (Form S-8 No. 333-206455) pertaining to the MRC Global Inc. 2011 Omnibus Incentive Plan, as amended, and related prospectus; and
- Registration Statement (Form S-8 No. 333-231222) pertaining to the MRC Global Inc. 2011 Omnibus Incentive Plan, as amended, and related prospectus

of our reports dated February 16, 2022, with respect to the consolidated financial statements and effectiveness of internal control over financial reporting of MRC Global Inc. included in this Annual Report (Form 10-K) of MRC Global Inc. for the year ended December 31, 2021.

/s/ Ernst & Young LLP
Houston, Texas
February 16, 2022

CERTIFICATION

I, Robert J. Saltiel, Jr., certify that:

1. I have reviewed this Annual Report on Form 10-K for the fiscal year ended December 31, 2021 of MRC Global Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in the Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 16, 2022

/s/ Robert J. Saltiel, Jr.

Name: Robert J. Saltiel, Jr.

Title: President and Chief Executive Officer

CERTIFICATION

I, Kelly Youngblood, certify that:

1. I have reviewed this Annual Report on Form 10-K for the fiscal year ended December 31, 2021 of MRC Global Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in the Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 16, 2022

/s/ Kelly Youngblood

Name: Kelly Youngblood

Title: Executive Vice President and
Chief Financial Officer

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the filing of the Annual Report on Form 10-K of MRC Global Inc., a Delaware corporation (the "Company"), for the year ended December 31, 2021 (the "Report"), each of the undersigned officers of the Company certifies, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that to his knowledge:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: February 16, 2022

/s/ Robert J. Saltiel, Jr.

Name: Robert J. Saltiel, Jr.

Title: President and Chief Executive Officer

/s/ Kelly Youngblood

Name: Kelly Youngblood

Title: Executive Vice President and
Chief Financial Officer

This certification is not deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liability of that section. This certification is not deemed to be incorporated by reference into any filing under the Securities Act of 1933 or Securities Exchange Act of 1934, except to the extent that the Company specifically incorporates it by reference.