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Investing in our common stock involves risk. You should carefully consider the risks described below, as well as the other information contained in this Annual Report on Form 10- K in evaluating your investment in us. If any of the following risks actually occur, our business, financial condition, operating results, or cash flows could be harmed materially. Additional risks, uncertainties, and other factors that are not currently known to us or that we believe are not currently material may also adversely affect our business, financial condition, operating results or cash flows. In any of these cases, you may lose all or part of your investment in us. Risks Related to Our Business The markets we serve are subject to cyclical demand (which we have managed to balance through diversification of our products and offerings) and vulnerable to economic downturn, which could harm our business and make it difficult to project long- term performance. Demand for our products depends in large part to a significant extent upon the level of capital and maintenance expenditures by many of our customers and end- users, in particular those customers in the global hydrocarbon and industrial gas markets. These customers' expenditures historically have been cyclical in nature and vulnerable to economic downturns. Decreased capital and maintenance spending by these customers could have a material adverse effect on the demand for our products and our business, financial condition, and results of operations. In addition, this historically cyclical demand limits our ability to make accurate long-term predictions about the performance of our company. The loss of, or significant reduction or delay in, purchases by our largest customers could reduce our sales and profitability. While we sell to more than 2-7, 500-000 customers, sales to our top ten customers accounted for 25 %, 38 %, and 39 %, and 42 % of consolidated sales in 2023, 2022, and 2021 and 2020, respectively. We expect that a similar number of customers will continue to represent a substantial portion of our sales for the foreseeable future. While our sales to particular customers fluctuate from period to period, sales to large customers, including the global producers, distributors and users of energy and industrial gases and their suppliers, tend to be a consistently large source of our sales. The loss of any of our major customers, consolidation of our customers, or a decrease or delay in orders or anticipated spending by such customers could materially reduce our sales and profitability. Although order activity in 2022-2023 increased year over year, we continued to experience energy price volatility and our customers' adjusted project timing . Delays in the anticipated timing of LNG infrastructure build out could materially reduce the demand for our products. We may fail to successfully integrate companies that provide complementary products or technologies. An important component of our recent business strategy has been the acquisition of businesses that complement our existing products and services. Such a strategy involves the potential risks inherent in assessing the value, strengths, weaknesses, contingent or other liabilities, and potential profitability of acquisition candidates and in integrating the operations of acquired companies. In addition, any acquisitions of businesses with foreign operations or sales may increase our exposure to risks inherent in doing business outside the United States. As part of this acquisition strategy, we have closed on several acquisitions in the past three years including the Howden Acquisition. These acquisitions included in new clean energy markets, such as hydrogen, water, carbon and direct air capture and we expect to elose on the acquisition of Howden in late first quarter or early second quarter. These high growth markets represent new businesses that are complementary to our existing LNG and gas technologies. The failure to achieve the anticipated cost savings or commercial synergies of our recent significant acquisitions or recognize the anticipated market opportunities or integration from our new clean energy acquisitions, including our pending acquisition of Howden, could have a material adverse effect on our business, financial condition, and results of operations. Our ability to realize the expected cost savings and commercial synergies, such as in the pending Howden acquisition, depend on factors beyond our control, such as operating difficulties, increased operating costs, competitors and customers, delays in implementing initiatives and general economic or industry conditions. We will may be required to make significant cash expenditures to achieve such cost savings and commercial synergies and we cannot be assured that these expenditures will not be higher than anticipated. Furthermore, there can be no assurances that such cost savings measures will not cause disruptions or other negative impacts to our operations, business or revenues. From time to time There can be no assurances that these acquisitions, including Howden, will be successful or that we will realize the expected benefits currently anticipated. For example, we may not be able to maintain the levels of revenue, earnings or operating efficiency that we and Howden have acquisition discussions achieved or might have achieved separately. The business and financial performance of us and Howden are subject to certain risks and uncertainties, including the risk of the loss of, or changes to, our and its relationships with customers. We may be unable to achieve other -- the same growth, revenues potential target companies both domestically and internationally profitability that we and expect a net near term large acquisition with the pending acquisition of Howden have achieved. In the event we pursued a large acquisition opportunity in the past future and we proceed, a substantial portion of our eash and surplus borrowing capacity could be used for the acquisition or we may seek additional debt or equity financing. Potential acquisition opportunities become available to us from time to time, and we periodically engage in discussions or negotiations relating to potential acquisitions, including acquisitions that may be material in size or scope to our business. Any acquisition may or may not occur and, if an acquisition does occur, it may not be successful in enhancing our business for one or more of the following reasons: • Any business acquired may not be integrated successfully and may not prove profitable; • The price we pay for any business acquired may overstate the value of that business or otherwise be too high; * Liabilities and obligations we take on through the acquisition may prove to be higher than we expected; • We may fail to achieve acquisition synergies; • The focus on the integration of operations of acquired entities may divert management's attention from the day-to-day operation of our businesses; and or • The Acquisition and combined business may not be successfully received by our customers, business

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partners, suppliers and employees. Inherent in any future acquisition is the risk of transitioning company cultures and facilities
and the corresponding risk of management and employee turnover. The failure to efficiently and effectively achieve such
transitions could increase our costs and decrease our profitability. If we are unable to successfully control our costs and
efficiently manage our operations, it may place a significant strain on our management and administrative resources and lead to
increased costs and reduced profitability. We have implemented cost savings initiatives to align our business with current and
expected economic conditions. Our ability to operate our business successfully and implement our strategies depends, in part, on
our ability to allocate our resources optimally in each of our facilities in order to maintain efficient operations. Ineffective
management could cause manufacturing inefficiencies, increase our operating costs, place significant strain on our management
and administrative resources, and prevent us from being able to take advantage of opportunities as economic conditions improve
. If we are unable to align our cost structure in response to prevailing economic conditions on a timely basis, or if
implementation or failure to implement any cost structure adjustments has an adverse impact on our business or prospects, then
our financial condition, results of operations, and cash flows may be negatively affected. It Similarly, it is critical that we
appropriately manage our planned capital expenditures in this uncertain economic environment. For example, we have invested
or plan to invest approximately $ 60 to $ 65 million in new capital expenditures in 2023 relating to our existing business. If we
fail to manage the projects related to these capital expenditures in an effective and timely manner, we may lose the opportunity
to obtain some new customer orders or the ability to operate our businesses -- business efficiently. Even if we effectively
implement these -- the projects, the orders needed to support the capital expenditure expenditures or increased capacity may
not be obtained, may be delayed, or may be less than expected, which may result in sales or profitability at lower levels than
anticipated expected. Our results of operations could materially suffer if we are unable to obtain sufficient pricing for our
products and services to meet our profitability expectations. If we are unable to obtain favorable pricing for our products and
services in a timely manner, our revenues and profitability could materially suffer . For example, current conditions in our
supply chain have resulted in rapid increases in the prices for the raw materials we use. Furthermore, the prices we are able to
charge for our products and services are affected by a number of other factors, including: • general economic and political
conditions; • our customers' desire to reduce their costs; • the competitive environment; • our ability to accurately estimate our
costs, including our ability to estimate the impact of inflation on our costs over long- term contracts; and • the procurement
practices of our customers. Our inability to pass increased prices along to our customers in a timely manner could have a
material adverse effect on our business, financial condition or results of operations. We depend on the availability of certain key
suppliers; if we experience difficulty with a supplier, we may have difficulty finding alternative sources of supply. The cost,
quality, and availability of raw materials, certain specialty metals and specialized components used to manufacture our products
are critical to our success. The materials and components we use to manufacture our products are sometimes custom made and
may be available only from a few suppliers, and the lead times required to obtain these materials and components can often be
significant. We rely on a limited number of suppliers for some of these materials, including special grades of aluminum used in
our brazed aluminum heat exchangers and compressors included in some of our product offerings. While we have not
historically encountered problems with availability, and our global sourcing team has mitigated these risks by increasing
inventory for some of these materials, this does not mean that we will continue to have timely access to adequate supplies of
essential materials and components in the future or that supplies of these materials and components will be available on
satisfactory terms when needed. If our vendors for these materials and components are unable to meet our requirements, fail to
make shipments in a timely manner, or ship defective materials or components, we could experience a shortage or delay in
supply or fail to meet our contractual requirements, which would adversely affect our results of operations and negatively impact
our cash flow and profitability. We carry goodwill and indefinite-lived intangible assets on our balance sheet, which are subject
to impairment testing and could subject us to significant non- cash charges to earnings in the future if impairment occurs. As of
December 31, <del>2022-2023 , we had goodwill and indefinite- lived intangible assets of $ +3 , <del>148-516 , 49 million, which</del></del>
represented approximately 19 38. 5 6 % of our total assets. Goodwill and indefinite- lived intangible assets are not amortized
but are tested for impairment annually in the fourth quarter or more often if events or changes in circumstances indicate a
potential impairment may exist. Factors that could indicate that our goodwill or indefinite-lived intangible assets are impaired
include a decline in our stock price and market capitalization, lower than projected operating results and cash flows, and slower
growth rates in our industry. Our stock price historically has shown volatility and often fluctuates significantly in response to
market and other factors. Declines in our stock price, lower operating results and any decline in industry conditions in the future
could increase the risk of impairment. Impairment testing incorporates our estimates of future operating results and cash flows,
estimates of allocations of certain assets and cash flows among reporting segments, estimates of future growth rates, and our
judgment regarding the applicable discount rates used on estimated operating results and cash flows. As a result of the above
analyses, we recorded an impairment charge related to indefinite-lived intangible assets of $ 16, 0 million during the fourth
quarter of 2020. If we determine at a future time that further an impairment exists, it may result in a significant non- cash charge
to earnings and lower stockholders' equity. The A public health crisis could cause disruptions to our operations which could
adversely affect our business in the future. A significant public health crisis could cause disruptions to our operations
<mark>similar to the effects of the</mark> Covid- 19 pandemic <mark>. It <del>may disrupt our operations and could adversely affect a</del>ffected our</mark>
business in due to the future. While the Covid-19 pandemic has not had a material impact on our business or operations to date,
the global economy, including its ongoing impact of the pandemic could have a negative effect effects on our business, results
of operations, eash flows and financial condition in the future. The Covid-19 pandemic may affect our business, including as a
result of temporary facility closures, work- from- home orders and policies, absentecism in our facilities, inability to efficiently
transport-transportation networks our goods, social distancing raw material availability, production efforts and other
health and safety protocols and reduced customer demand for. The Covid-19 pandemic could impact the timing of our
products. Our operational improvement efforts by limiting our ability to predict and respond implement planned
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improvements at several of our facilities. The Covid-19 pandemic could adversely impact our ability to future changes
resulting from a potential health crisis is uncertain secure materials for our products or supplies for our facilities or to
provide personal protective equipment for our employees, any of which could adversely affect our operations. Even after a
public health crisis the Covid-19 pandemic subsides, there may be long- term effects on our business practices and customers
in economies in which we operate that could severely disrupt our operations and could have a material adverse effect on our
business, results of operations, cash flows and financial condition. Any or all of these risks could be increased or intensified if
there is a resurgence of the Covid-19 virus and its variants after the initial outbreaks subside. As we cannot predict the duration,
scope or severity of the Covid-19 pandemie, which continues to develop and change rapidly, the negative financial impact to
our results cannot be reasonably estimated, but could be material. Our backlog is subject to modification, termination or
reduction of orders, which could negatively impact our sales. Our backlog is comprised of the portion of firm signed purchase
orders or other written contractual commitments received from customers that we have not recognized as sales. The dollar
amount of backlog as of December 31, 2022-2023 was $ 2-4, 338-278. 1-8 million. Our backlog can be significantly affected by
the timing of orders for large projects, and the amount of our backlog at December 31, 2022 2023 is not necessarily indicative
of future backlog levels or the rate at which backlog will be recognized as sales. Although modifications and terminations of our
orders may be fully or partially offset by cancellation fees, customers can, and sometimes do, terminate or modify these orders.
We cannot predict whether cancellations will accelerate or diminish in the future. Cancellations of purchase orders, indications
that the customers will not perform or reductions of product quantities in existing contracts could substantially and materially
reduce our backlog and, consequently, our future sales. Our failure to replace canceled orders could negatively impact our sales
and results of operations. We did not have any significant cancellations in 2023, 2022, and 2021 and 2020. Due to the nature of
our business and products, we may be liable for damages based on product liability and warranty claims. Due to the high
pressures and low temperatures at which many of our products are used, the inherent risks associated with concentrated
industrial and hydrocarbon gases, and the fact that some of our products are relied upon by our customers or end users in their
facilities or operations or are manufactured for relatively broad industrial, transportation, or consumer use, we face an inherent
risk of exposure to claims (which we have been subject to from time to time and some of which were substantial including the
cryobiological storage tank lawsuits filed in 2018 as discussed in Item 3. "Legal Proceedings" relating to our since divested
Cryobiological business, but for which we retained and settled are in the process of settling certain potential liabilities) in the
event that the failure, use, or misuse of our products results, or is alleged to result, in death, bodily injury, property damage, or
economic loss. We believe that we meet or exceed existing professional specification standards recognized or required in the
industries in which we operate. Although we currently maintain product liability coverage, which has generally been adequate
for existing product liability claims and for the continued operation of our business, it includes customary exclusions and
conditions, it may not cover certain specialized applications such as aerospace-related applications, and it generally does not
cover warranty claims. Additionally, such insurance may become difficult to obtain or be unobtainable in the future on terms
acceptable to us. We had net out- of- pocket exposure with respect to the recent March 2023 settlement related to the
Cryobiological business in the amount of $ 73. 0 million. A successful product liability claim or series of claims against us,
including one or more consumer claims purporting to constitute class actions or claims resulting from extraordinary loss events,
in excess of or outside our insurance coverage, or a significant warranty claim or series of claims against us, could materially
decrease our liquidity, impair our financial condition, and adversely affect our results of operations. Governmental energy
Energy policies could change or expected changes could fail to materialize which could adversely affect our business or
prospects. Energy policy can develop rapidly in the global markets we serve <del>, including the United States, Asia, Australia,</del>
Europe, and Latin America. Within the last few years, significant developments have taken place, primarily in international
markets that we serve with respect to energy policy and related regulations. We anticipate that energy policy will continue to be
an important regulatory priority globally, as well as on a national, state, and local level. As energy policy continues to evolve,
the existing rules and incentives that impact the energy-related segments of our business may change. It is difficult, if not
impossible, to predict what changes in energy policy might occur in the future and the timing of potential changes and their
impact on our business, including potential changes that could originate from the current U. S Presidential administration.
Changes in the industries that we operate in, including pricing fluctuations and reductions and capital expenditures could harm
our business, financial condition, and results of operations. A significant amount of our sales is to customers in concentrated
industries. Demand for a significant portion of our products depends upon the level of capital expenditures by companies in the
industries we serve. Deterioration and significant decline in the capital expenditures of our customers may decrease demand for
our products and cause downward pressure on the prices we charge. Accordingly, if there is a downturn in the industries we
serve, our business, financial condition, and results of operations could be adversely affected. Our exposure to fixed pricing on
certain long- term customer contracts and performance guarantees, could negatively impact our financial results. A substantial
portion of our sales has historically been derived from long-term contracts which may involve long-term fixed price
commitments to customers or guarantees of equipment or process performance and which are sometimes difficult to execute. To
the extent that any of our contracts are delayed, we fail to satisfy a performance guarantee, our subcontractors fail to perform,
contract counterparties successfully assert claims against us, the original cost estimates in these or other contracts prove to be
inaccurate or the contracts do not permit us to pass increased costs on to our customers, profitability from a particular contract
may decrease or project losses may be incurred, which, in turn, could decrease our sales and overall profitability. Fluctuations in
currency exchange or interest rates may adversely affect our financial condition and operating results. A significant portion of
our revenue and expense is incurred outside of the United States. We must translate revenues, income and expenses, as well as
assets and liabilities into U. S. dollars using exchange rates during or at the end of each period. Fluctuations in currency
exchange rates have had - and will continue to have an impact on our financial condition, operating results, and cash flow. While
we monitor and manage our foreign currency exposure with limited use of derivative financial instruments to mitigate these
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exposures, fluctuations in currency exchange rates may materially impact our financial and operational results. In addition, we
are exposed to changes in interest rates. While our senior secured and senior unsecured notes have a fixed cash coupon, other
instruments, primarily borrowings under our senior secured revolving credit facility due October 2026 are exposed to variable
interest rates. Our convertible notes contain cumulative dividends that can be paid in cash or equity shares, in certain
circumstances. The impact of a 100 basis point increase in interest rates to our senior secured revolving credit facility is
discussed in the "Quantitative and Qualitative Disclosures About Market Risk" section of this Annual Report. We also will
have increased interest rate exposure with respect to certain indebtedness incurred in connection with the pending-Howden
acquisition Acquisition. As a an increasingly global business, we are exposed to economic, political, and other risks in different
countries which could materially reduce our sales, profitability or cash flows, or materially increase our liabilities. Since we
manufacture and sell our products worldwide, our business is subject to risks associated with doing business internationally. In
2023, 2022, and 2021 and 2020, 59 %, 42 %, and 56 %, and 51 %, respectively, of our sales occurred in international
markets. Our future results could be harmed by a variety of factors, including: • changes in foreign currency exchange rates; •
exchange controls and currency restrictions; • changes in a specific country's or region's political, social or economic
conditions, particularly in emerging markets; • civil unrest, the threat of or actual military conflict between nations , such as the
Russian invasion of Ukraine, or increased international tensions, such as between the U.S. and China, other turmoil or outbreak
of disease or illness, such as Covid-19, in any of the countries in which we sell our products or in which we or our suppliers
operate; • tariffs, other trade protection measures, as discussed in more detail below, and import or export licensing
requirements; • potential adverse changes in trade agreements between the United States and foreign countries, including the
recently enacted United States- Mexico- Canada Agreement (USMCA), among the United States, Canada and Mexico ;-
uncertainty and potentially negative consequences relating to the implementation of the United Kingdom's decision to leave the
European Union ("Brexit"); • potentially negative consequences from changes in U. S. and international tax laws; • difficulty
in staffing and managing geographically widespread operations; • differing labor regulations; • requirements relating to
withholding taxes on remittances and other payments by subsidiaries; • different regulatory regimes controlling the protection of
our intellectual property; • restrictions on our ability to own or operate subsidiaries, make investments or acquire new businesses
in these jurisdictions; • restrictions on our ability to repatriate dividends from our foreign subsidiaries; • difficulty in collecting
international accounts receivable; • difficulty in enforcement of contractual obligations under non-U. S. law; • transportation
delays or interruptions; • changes in regulatory requirements; and • the burden of complying with multiple and potentially
conflicting laws. Our international operations and sales also expose us to different local political and business risks and
challenges. In addition, because at times some of our international sales are to suppliers that perform work for foreign
governments, and as a result we are may be subject to the political risks associated with foreign government projects. For
example, certain foreign governments may require suppliers for a project to obtain products solely from local manufacturers or
may prohibit the use of products manufactured in certain countries. Our operations in markets such as Asia, Australia, India,
Europe, and South America, may cause us difficulty due to greater regulatory barriers than in the United States, the necessity of
adapting to new regulatory systems, problems related to entering new markets with different economic, social and political
systems and conditions, and significant competition from the primary participants in these markets, some of which may have
substantially greater resources than us. In addition, unstable political conditions or civil unrest, including political instability or
threatened military actions in Eastern Europe, the Middle East, Hong Kong or elsewhere, could negatively impact our order
levels and sales in a region or our ability to collect receivables from customers or operate or execute projects in a region.
Changes in U. S. trade policy, tariff and import / export regulations may have a material adverse effect on our business, financial
condition and results of operations. Our international operations and transactions also depend upon favorable trade relations
between the United States and the foreign countries in which our customers and suppliers have operations. Changes in U. S. or
international social, political, regulatory and economic conditions or in laws and policies governing foreign trade,
manufacturing, development and investment in the territories or countries where we currently sell our products or conduct our
business, as well as any negative sentiment toward the United States U.S. as a result of such changes, could adversely affect
our business. For example, the Trump administration instituted changes in trade policies that included the negotiation or
termination of trade agreements, the imposition of higher tariffs on imports into the U. S., economic sanctions on individuals,
corporations or countries, and other government regulations affecting trade between the U. S. and other countries where we
conduct our business. It may be time-consuming and expensive for us to alter our business operations in order to comply with
any changes in policy that may be implemented from time to time. U. S. government policy changes and proposals may result
in greater restrictions and economic disincentives on international trade. The implementation of new tariffs and other changes in
U. S. trade policy could trigger retaliatory actions by affected countries, and certain foreign governments have instituted or have
been considering imposing trade sanctions on certain U. S. goods. We do a significant amount of business that would could be
impacted by changes to the trade policies of the United States U. S. and foreign countries (including governmental action
related to tariffs, international trade agreements, or economic sanctions). Such changes have the potential to adversely impact
the U. S. economy or certain sectors thereof, our industry and the global demand for our products. We may not succeed in
developing and implementing policies and strategies to counter the foregoing factors effectively in each location where we do
business and the foregoing factors may cause a reduction in our sales, profitability or cash flows, or cause an increase in our
liabilities. Data privacy and data security considerations could impact our business. The interpretation and application of data
protection laws, including but not limited to the General Data Protection Regulation (the "GDPR") in Europe and evolving
standards in the U.S., are uncertain and evolving. It is possible that these laws may be interpreted and applied in a manner that
is inconsistent with our data security practices. Complying with these various laws is difficult and could cause us to incur
substantial costs or require us to change our business practices in a manner adverse to our business, Further, although we are
implementing internal controls and procedures designed to ensure compliance with the GDPR and other privacy-related laws,
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rules and regulations (collectively, the "Data Protection Laws"), there can be no assurance that our controls and procedures will enable us to fully comply with all Data Protection Laws. Despite our efforts to protect sensitive information and confidential and personal data, comply with applicable laws, rules and regulations and implement data security measures, our facilities and systems may be vulnerable to security breaches and other data loss, including cyber- attacks. In addition, it is not possible to predict the impact on our business of the future loss, alteration or misappropriation of information in our possession related to us, our employees, former employees, customers, suppliers or others. This could lead to negative publicity, legal claims, theft, modification or destruction of proprietary information or key information, damage to or inaccessibility of critical systems, manufacture of defective products, production downtimes, operational disruptions and other significant costs, which could adversely affect our reputation, financial condition and results of operations. We are subject to potential insolvency or financial distress of third parties. We are exposed to the risk that third parties to various arrangements who owe us money or goods and services, or who purchase goods and services from us, will not be able to perform their obligations or continue to place orders due to insolvency or financial distress. If third parties fail to perform their obligations under arrangements with us, we may be forced to replace the underlying commitment at current or above market prices or on other terms that are less favorable to us or we may have to write off receivables in the case of customer failures to pay. If this happens, whether as a result of the insolvency or financial distress of a third party or otherwise, we may incur losses, or our results of operations, financial position or liquidity could otherwise be adversely affected. Failure to protect our intellectual property and know- how could reduce or eliminate any competitive advantage and reduce our sales and profitability, and the cost of protecting our intellectual property may be significant. We rely on a combination of internal procedures, nondisclosure agreements and intellectual property rights assignment agreements, as well as licenses, patents, trademarks and copyright law to protect our intellectual property and know- how. Our intellectual property rights may not be successfully asserted in the future or may be invalidated, circumvented or challenged. For example, we frequently explore and evaluate potential relationships and projects with other parties, which often require that we provide the potential partner with confidential technical information. While confidentiality agreements are typically put in place, there is a risk the potential partner could violate the confidentiality agreement and use our technical information for its own benefit or the benefit of others or compromise the confidentiality. In addition, the laws of certain foreign countries in which our products may be sold or manufactured do not protect our intellectual property rights to the same extent as the laws of the United States. In addition, the United States has transitioned from a "firstto- invent" to a "first- to- file" patent system, which means that between two identical, pending patent applications, the first inventor no longer receives priority on the patent to the invention. As a result, the Leahy-Smith America Invents Act may require us to incur significant additional expense and effort to protect our intellectual property. Failure or inability to protect our proprietary information could result in a decrease in our sales or profitability. We have obtained and applied for some U. S. and foreign trademark and patent registrations and will continue to evaluate the registration of additional trademarks and patents, as appropriate. We cannot guarantee that any of our pending applications will be approved. Moreover, even if the applications are approved, third parties may seek to oppose or otherwise challenge them. A failure to obtain registrations in the United States or elsewhere could limit our ability to protect our trademarks and technologies and could impede our business. Further, the protection of our intellectual property may require expensive investment in protracted litigation and the investment of substantial management time and there is no assurance we ultimately would prevail or that a successful outcome would lead to an economic benefit that is greater than the investment in the litigation. The patents in our patent portfolio are scheduled to expire from 2023 2024 to 2040-2042. In addition, we may be unable to prevent third parties from using our intellectual property rights and knowhow without our authorization or from independently developing intellectual property that is the same as or similar to ours, particularly in those countries where the laws do not protect our intellectual property rights as fully as in the United States. We compete in a number of industries (e. g., heat exchangers and cryogenic storage) that are small or specialized, which makes it easier for a competitor to monitor our activities and increases the risk that ideas will be stolen. The unauthorized use of our know- how by third parties could reduce or eliminate any competitive advantage we have developed, cause us to lose sales or otherwise harm our business or increase our expenses as we attempt to enforce our rights. We may be required to make expenditures in order to comply with environmental, health and safety laws and climate change regulations, or incur additional liabilities under these laws and regulations. We are subject to numerous environmental, health and safety laws and regulations that impose various environmental controls on us or otherwise relate to environmental protection and various health and safety matters, including the discharge of pollutants in the air and water, the handling, use, treatment, storage and clean- up of solid and hazardous materials and wastes, the investigation and remediation of soil and groundwater affected by hazardous substances and the requirement to obtain and maintain permits and licenses. These laws and regulations often impose strict, retroactive and joint and several liability for the costs and damages resulting from cleaning up our or our predecessors' facilities and third-party disposal sites. Compliance with these laws generally increases the costs of transportation and storage of raw materials and finished products, as well as the costs of storing and disposing waste, and could decrease our liquidity and profitability and increase our liabilities. Health and safety and other laws in the jurisdictions in which we operate impose various requirements on us including state licensing requirements that may benefit our customers. If we are found to have violated any of these laws, we may become subject to corrective action orders and fines or penalties, and incur substantial costs, including substantial remediation costs and commercial liability to our customers. Further, we also could be subject to future liability resulting from conditions that are currently unknown to us that could be discovered in the future. We are currently remediating or developing work plans for remediation of environmental conditions involving certain current or former-facilities. For example, the discovery of contamination arising from historical industrial operations at our Clarksville, Arkansas property, which is currently being leased to a third party business, has exposed us, and in the future may continue to expose us, to remediation obligations. We have also been subject to environmental liabilities for other sites where we formerly operated or at locations where we or our predecessors did or are alleged to have operated. To date, our environmental remediation expenditures and costs for otherwise

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complying with environmental laws and regulations have not been material, but the uncertainties associated with the
investigation and remediation of contamination and the fact that such laws or regulations change frequently makes predicting the
cost or impact of such laws and regulations on our future operations uncertain. Stricter environmental, safety and health laws,
regulations or enforcement policies could result in substantial costs and liabilities to us and could subject us to more rigorous
scrutiny. Consequently, compliance with these laws could result in significant expenditures, as well as other costs and liabilities
that could decrease our liquidity and profitability and increase our liabilities. There is a growing political and scientific
consensus that emissions of greenhouse gases alter the composition of the global atmosphere in ways that are affecting the
global climate. Various stakeholders, including legislators and regulators, stockholders and non-governmental organizations, as
well as companies in many business sectors, are considering ways to reduce greenhouse gas emissions. New regulations could
result in product standard requirements for our global businesses but because any impact is dependent on the design of the
mandate or standard, we are unable to predict its significance at this time. Furthermore, the potential physical impacts of climate
change on our customers, and therefore on our operations, are speculative and highly uncertain, and would be particular to the
circumstances developing in various geographical regions. These may include changes in weather patterns (including drought
and rainfall levels), water availability, storm patterns and intensities, and temperature levels. These potential physical effects
may adversely impact the cost, production, sales and financial performance of our operations. Our We could be obligated to
make significant contributions to our pension plan plans is currently, some of which are underfunded, and we contribute to
a multi- employer plan for collective bargaining U. S. employees, which is underfunded. Certain U. S. hourly and salaried
employees are covered by our Chart defined benefit pension plan. The defined benefit pension plan has been frozen since
February 2006. As of December 31, <del>2022-</del>2023 , the projected benefit obligation under our pension plan was <del>approximately</del> $ <del>50</del>
48. 1 million, and the value of the assets of the plan was $ 54. 0 million. Although our Chart pension, and the value of the
assets of the plan was approximately $ 49. 1 million fully funded as of December 31, resulting 2023, the performance of
assets in the plan and other related factors beyond our control have the potential to adversely affect the funding status of
our pension plan in the future. As part of the Howden Acquisition, we assumed responsibility for ten additional defined
benefit plans outside of the United States, which are predominantly in Germany, covering certain employees of Howden.
As of December 31, 2023, the aggregate projected benefit obligation of the Howden pension plans was $ 43. 0 million, and
the aggregate value of the assets of the Howden pension plans was $ 41. 8 million, resulting in the Howden pension plans
being underfunded by approximately $ 0-1.9-2 million in the aggregate. We are also a participant in a multi- employer plan,
which is underfunded. Among other risks associated with multi- employer plans, contributions and unfunded obligations of the
multi- employer plan are shared by the plan participants and we may inherit unfunded obligations if other plan participants
withdraw from the plan or cease to participate. Additionally, if we elect to stop participating in the multi- employer plan, we
may be required to pay amounts related to withdrawal liabilities associated with the underfunded status of the plan. If the
performance of the assets in our Chart pension plan, the Howden pension plans or the multi- employer plan does not meet
expectations or if other actuarial assumptions are modified, our required pension contributions for future years could be higher
than we expect, which may negatively impact our results of operations, cash flows and financial condition. We operate in many
different jurisdictions, and we could be adversely affected by violations of the U. S. Foreign Corrupt Practices Act and similar
worldwide anti- corruption laws. The U. S. Foreign Corrupt Practices Act ("FCPA") and similar worldwide anti- corruption
laws generally prohibit companies and their intermediaries from making improper payments for the purpose of obtaining or
retaining business. Our internal policies mandate compliance with these anti- corruption laws. We operate in many parts of the
world that have experienced corruption to some degree, and in certain circumstances, strict compliance with anti-corruption
laws may conflict with local customs and practices. Despite our training and compliance programs, we cannot assure you that
our internal control policies and procedures always will protect us from reckless or criminal acts committed by our employees or
agents. Our continued expansion outside the United States U.S., including in developing countries, could increase the risk of
such violations in the future. Violations of these laws, or allegations of such violations, could disrupt our business and result in a
material adverse effect on our results of operations or financial condition. Our operations could be impacted by the effects of
severe weather. Some of our operations, including our operations in the U. S. Gulf Coast New Iberia, Louisiana, Theodore,
Alabama and Houston, Texas, are located in geographic regions and physical locations that are susceptible to physical damage
and longer- term economic disruption from severe weather. We also could make significant future capital expenditures in
hurricane- susceptible or other severe weather locations from time to time. These weather events can disrupt our operations,
result in damage to our properties and negatively affect the local economy in which these facilities operate. Severe weather may
cause production or delivery delays as a result of the physical damage to the facilities, the unavailability of employees and
temporary workers, the shortage of or delay in receiving certain raw materials or manufacturing supplies and the diminished
availability or delay of transportation for customer shipments, any of which may have an adverse effect on our sales and
profitability. Although we maintain insurance subject to certain deductibles, which may cover some of our losses, that insurance
may become unavailable or prove to be inadequate. We are subject to regulations governing the export of our products. Our
Due to our significant foreign sales, our export activities are subject to regulation, including the U. S. Treasury Department's
Office of Foreign Assets Control's regulations. We believe we are in compliance with these regulations and maintain robust
programs intended to maintain compliance. However, unintentional lapses in our compliance or uncertainties associated with
changing regulatory requirements could result in future violations (or alleged violations) of these regulations. Any violations
may subject us to government scrutiny, investigation and civil and criminal penalties and may limit our ability to export our
products. As a provider of products to the U. S. government, we are subject to certain federal rules, regulations, audits and
investigations, the violation or failure of which could adversely affect our business. We sell From time to time, certain of our
products and services may be provided to the U. S. government; and, therefore, we must comply with and are affected by laws
and regulations governing purchases by the U. S. government. Although we are not subject to all contractor requirements, the
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generally more extensive requirements governing "Government contract laws and regulations" affect how we do business with
our government customers and, in some instances, impose added costs on our business. For example, a violation of specific laws
and regulations could result in the imposition of fines and penalties or the termination of our contracts or debarment from
bidding on contracts. In some instances, these laws and regulations impose terms or rights that are more favorable to the
government than those typically available to commercial parties in negotiated transactions. Tax Current economic and political
conditions make tax rules are in jurisdictions subject to significant change, and unanticipated changes in our effective tax rate
could adversely affect our future results. Our future results of operations could be affected by changes in the effective tax rate as
a result of changes in tax laws, regulations and judicial rulings. In December 2017, the Tax Cuts and Jobs Act of 2017 was
signed into law in the United States, which among other things, lowered the federal corporate income tax rate from 35 % to 21
% and moved the country towards a territorial tax system with a one-time mandatory tax on previously deferred foreign
earnings of foreign subsidiaries. As of December 31, 2023, provisions of the law as currently constructed are expected to
change for future tax years. Although our effective tax rate decreased during 2018, there can be no assurances that any
expected benefit from the Tax Cuts and Jobs Act will be maintained long- term given political and other uncertainties. The
Organisation for Economic Co- operation and Development (OECD)'s Also, further changes in the tax laws of foreign
<del>jurisdictions could arise, including as a result of the</del> base erosion and profit shifting (BEPS) project is undertaken by the
Organisation for Economic Co-operation and an Development (OECD) area we continue to monitor due to its global reach
. The OECD, which represents a coalition of member countries, has issued recommendations that, in some cases, would make
substantial changes to numerous long- standing tax positions and principles. As countries, in which we operate, continue to
pass laws to adopt the tenants of the BEPS Framework (tiered adoption over multiple years), we will continue to monitor
potential impacts to the Company's tax stature. These contemplated changes have begun adoption, to the extent adopted
by various OECD members and / or other countries during 2023, could increase tax uncertainty and may adversely affect our
provision for income taxes. We will continue to monitor developments and impacts to our provision for income taxes. Our
effective tax rate could also be adversely affected by changes in the mix of earnings and losses in countries with differing
statutory tax rates, certain non-deductible expenses arising from share- based compensation, the valuation of deferred tax assets
and liabilities and changes in accounting principles. In addition, we are subject to income tax audits by many tax jurisdictions
throughout the world. Although we believe our income tax liabilities are reasonably estimated and accounted for in accordance
with applicable laws and principles, an adverse resolution of one or more uncertain tax positions in any period could have a
material impact on the results of operations for that period. Dividend requirements associated with the Series B Mandatory
Convertible Preferred Stock that Chart issued to fund a portion of the Howden Acquisition subject it to certain risks. In
December 2022, we issued 8, 050, 000 depositary shares, each representing a 1 / 20th interest in a share of Chart's Series B
Mandatory Convertible Preferred Stock (the "Mandatory Convertible Preferred Stock"). Any future payments of cash
dividends, and the amount of any cash dividends we pay, on the Mandatory Convertible Preferred Stock will depend on, among
other things, business condition, our financial condition, earnings and liquidity, as well as other factors that our board of
directors (or an authorized committee thereof) may consider relevant. Dividends will accumulate from the initial issue date and,
to the extent that we are legally permitted to pay dividends and our board of directors, or an authorized committee thereof,
declares a dividend payable with respect to the Mandatory Convertible Preferred Stock, we will pay such dividends in cash, or
subject to certain limitations, by delivery of shares of our common stock or through any combination of cash and shares of our
common stock, as determined by our board of directors in its sole discretion. Any unpaid dividends will continue to accumulate.
The terms of the Mandatory Convertible Preferred Stock further provide that if dividends have not been declared and paid for
six or more dividend periods (including, for the avoidance of doubt, the dividend period beginning on, and including, the initial
issue date and ending on, but excluding, March 15, 2023), whether or not for consecutive dividend periods, the holders of such
shares of Mandatory Convertible Preferred Stock, voting together as a single class with holders of all other preferred stock of
equal rank having similar voting rights, will be entitled at our next annual or special meeting of stockholders to vote for the
election of a total of two additional members of our board of directors, subject to certain limitations. Risks Related to Our
Leverage Our substantial leverage and future debt service obligations could adversely affect our business, financial condition,
limit and results of operations and our ability to meet raise additional capital to fund our operations, limit our ability to react to
changes in the economy or our payment obligations under our industry, impact the way we operate our business, expose us to
interest rate risk to the extent of our variable rate-debt and prevent us from fulfilling our debt service obligations. We are
substantially leveraged and have future debt service obligations. Our financial performance could be affected by our leverage.
As of December 31, <del>2022-</del>2023, our total indebtedness was $ <del>2, 333.</del> 3, 963, 9 million. In addition, at that date, under our senior
secured revolving credit facility, we had $ 89.272. 1.10 million of letters of credit and bank guarantees outstanding and
borrowing capacity of approximately $ <del>806-<mark>625</mark>. <mark>2</mark> 4 million. Further, as of December 31, 2022, our indebtedness under our</del>
senior secured notes due 2030 and our senior unsecured notes due 2031 was $ 1, 460. 0 million and $ 510. 0 million,
respectively. As of December 31, 2022, our indebtedness under our Convertible notes due 2024 was $ 258. 8-million. Through
separate facilities, our subsidiaries had $ 45-134 . 7-3 million of letters of credit and bank guarantees outstanding at December
31, <del>2022 <mark>2023</mark> . We expect to incur additional debt in connection with closing of the Acquisition as described below</del>. Our level
of indebtedness could have significant important negative consequences, including: * difficulty in generating sufficient cash
flow and reduced availability of cash for our operations and other business activities; • difficulty in obtaining financing in the
future; • exposure to risk of increased interest rates on <del>due to variable rates</del> - rate indebtedness of interest under our senior
secured revolving credit facility and term loans; • vulnerability to general economic downturns and adverse industry
conditions; • increased competitive disadvantage due compared to our competitors that have less debt service obligations or
are less leveraged; • adverse customer reaction to our debt levels; • inability to comply with covenants in, and potential for
default under, our debt instruments; and • failure to refinance any of our debt. See Item 7. "Management's Discussion and
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Analysis of Financial Condition and Results of Operations — Liquidity and Capital Resources." If our cash flows and capital
resources are insufficient to fund our debt service obligations, we may be forced to sell assets, seek additional capital or seek to
restructure or refinance our indebtedness. These alternative measures may not be successful and may not permit us to meet our
scheduled debt service obligations. We may be unable to consummate those asset sales to raise capital or sell assets at prices that
we believe are fair and proceeds that we do receive may be inadequate to meet any debt service obligations then due. We
Despite our current debt levels, we may still be able to incur substantially -- substantial more debt. This additional
indebtedness, which could further exacerbate the risks that we face. We may be able to incur substantial additional
indebtedness in the future. The terms of our debt instruments do not fully prohibit us from doing so. Our senior secured
revolving credit facility provides commitments of up to $1,000.0 million, approximately $806.625.42 million of which
would have been available for future borrowings (after giving effect to letters of credit and bank guarantees outstanding) as of
December 31, <del>2022 2023 . Additionally, we entered into a debt commitment letter for a senior bridge loan facility with an</del>
aggregate principal amount of $ 1, 467. 1 million to fund the Acquisition. We also entered into a debt commitment letter for a
senior secured term loan facility in the aggregate amount of up to $ 1, 434. 8 million to fund the Acquisition. As of December
31, 2022, both the senior bridge loan facility and the senior secured term loan facility were undrawn. See Item 7. "
Management's Discussion and Analysis of Financial Condition and Results of Operations — Liquidity and Capital Resources
  Debt Instruments and Related Covenants." If new debt is added to our current debt levels, the related risks that we now face
could intensify. The terms of our existing debt may limit our ability to finance future operations or capital needs or engage in
other business activities that may be in our interest. The terms of our existing debt impose, and the terms of any future
indebtedness may impose, operating and other restrictions on us and our subsidiaries. Such restrictions affect or will affect, and
in various circumstances limit or prohibit, among other things, our ability and the ability of our subsidiaries to: • incur or
guarantee additional indebtedness; • create liens; • pay dividends based on our leverage ratio and make other distributions in
respect of our capital stock; • redeem or buy back our capital stock based on our leverage ratio; • make certain investments or
certain other restricted payments; • enter into a new line of business; • sell or transfer certain kinds of assets; • enter into certain
types of transactions with affiliates; and • effect mergers or consolidations. The senior secured revolving credit facility due
October 2026 also requires us to achieve certain financial and operating results and maintain compliance with specified financial
ratios. Our ability to comply with these ratios may be affected by events beyond our control. The restrictions contained in the
senior secured revolving credit facility and our indentures could: • limit our ability to plan for or react to market or economic
conditions or meet capital needs or otherwise restrict our activities or business plans; and • adversely affect our ability to finance
our operations, acquisitions, investments or strategic alliances or other capital needs or to engage in other business activities that
would be in our interest. A breach of any of these covenants could result in a default under our debt agreements. If an event of
default occurs under our debt agreements, which includes an event of default under the other debt agreements, the lenders or
holders could elect to declare all indebtedness outstanding, together with accrued and unpaid interest, to be immediately due and
payable. The lenders under our senior secured revolving credit facility will also have the right in these circumstances to
terminate any commitments they have to provide further financing. If we were unable to repay or otherwise refinance this
indebtedness when due, our lenders could sell the collateral securing the senior secured revolving credit facility due October
2026 and the secured notes, which constitutes substantially all of our and our domestic wholly- owned subsidiaries' assets. Our
1. 00 % Convertible Senior Subordinated Notes due November 2024 have certain fundamental change and conditional
conversion features and our Senior Secured Notes due 2030 and our Senior Unsecured Notes due 2031 have certain change in
control features which, if triggered, may adversely affect our financial condition. If a fundamental change occurs under our 1, 00
% Convertible Senior Subordinated Notes due November 2024, the holders of the convertible notes may require us to purchase
for cash any or all of the convertible notes. In addition, upon the occurrence of certain kinds of change of control, we will be
required to offer to repurchase all of the outstanding secured notes and unsecured notes at 101 % of the principal amount thereof
plus accrued and unpaid interest, if any, to the date of repurchase. However, there can be no assurance that we will have
sufficient funds at the time of the fundamental change or change in control to purchase all of the convertible notes, secured notes
or unsecured notes delivered for purchase, and we may not be able to arrange necessary financing on acceptable terms, if at all.
Likewise, if one of the conversion contingencies of our convertible notes is triggered, holders of convertible notes will be
entitled to convert the convertible notes at any time during specified periods. We are subject to counterparty risk with respect to
the convertible note hedge and capped call transactions associated with our 1.00 % Convertible Senior Subordinated Notes due
November 2024. The option counterparties for our convertible note hedging arrangements are financial institutions, and we will
be subject to the risk that any or all of them might default under the convertible note hedge and capped call transactions. Our
exposure to the credit risk of the option counterparties is not secured by any collateral. Global economic conditions have from
time to time during the 2008-2009 economic downturn resulted in the actual or perceived failure or financial difficulties of
many financial institutions. If an option counterparty becomes subject to insolvency proceedings, we will become an unsecured
creditor in those proceedings with a claim equal to our exposure at that time under the convertible note hedge and capped call
transactions with that option counterparty. Our exposure will depend on many factors but, generally, the increase in our
exposure will be correlated to the increase in the market price and in the volatility of our common stock. In addition, upon a
default by an option counterparty, we may suffer adverse tax consequences and more dilution than we currently anticipate with
respect to our common stock. We can provide no assurances as to the financial stability or viability of the option counterparties.
Risks Related to the Trading Market for Our Preferred and Common Stock <del>Our common stock has experienced, and may</del>
continue to experience, price volatility. Our common stock has at times experienced substantial price volatility as a result of
many factors, including the general volatility of stock market prices and volumes, changes in securities analysts' estimates of
our financial performance, variations between our actual and anticipated financial results, fluctuations in order or backlog levels,
fluctuations in energy prices, or uncertainty about current global economic conditions. For these reasons, among others, the
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price of our stock may continue to fluctuate. Provisions in our amended and restated certificate of incorporation and amended and restated bylaws and other agreements and in Delaware law may discourage a takeover attempt. Provisions contained in our amended and restated certificate of incorporation and amended and restated bylaws and Delaware law could make it more difficult for a third party to acquire us. Provisions of our amended and restated certificate of incorporation and amended and restated bylaws and Delaware law impose various procedural and other requirements, which could make it more difficult for stockholders to effect certain corporate actions. For example, our amended and restated certificate of incorporation authorizes our board of directors to determine the rights, preferences, privileges and restrictions of unissued series of preferred stock, without any vote or action by our stockholders. Therefore, our board of directors can authorize and issue shares of preferred stock with voting or conversion rights that could adversely affect the voting or other rights of holders of our common stock. These rights may have the effect of delaying or deterring a change of control of our company. These provisions could limit the price that certain investors might be willing to pay in the future for shares of our common stock. In addition, the terms of our convertible notes, secured notes and unsecured notes may require us to purchase these notes for eash in the event of a takeover of our Company. The indentures governing the applicable notes also prohibit us from engaging in certain mergers or acquisitions unless, among other things, the surviving entity assumes our obligations under the applicable notes. These and other provisions applicable to the notes may have the effect of increasing the cost of acquiring us or otherwise discourage a third party from acquiring us. The issuance of common stock upon conversion of our 1.00 % Convertible Senior Subordinated Notes due November 2024 <mark>-or</mark> 6. 75 % Series B Mandatory Convertible Preferred Stock or the Series A Cumulative Participating Convertible Preferred Stock to be issued upon the closing of the Howden Acquisition could cause dilution to the interests of our existing stockholders. As of December 31, 2022 2023, we had 258.87 million aggregate principal amount of our 1, 00 % Convertible Senior Subordinated Notes due November 2024. Prior to the close of business on the business day immediately preceding August 15, 2024, the convertible notes will be convertible only upon satisfaction of certain conditions. Holders may convert their 1.00 % convertible notes at their option at any time after August 15, 2024 until the close of business on the second scheduled trading day immediately preceding November 15, 2024. As a result of attaining these specified market price conditions, the notes were are convertible in the first quarter of 2023 2024, although there no notes have been converted no **significant conversions** to date. On December 31, 2020, we amended the Indenture governing our 1. 00 % Convertible Senior Subordinated Notes due November 2024 to eliminate share settlement thus leaving us with two settlement options: (1) cash settlement or (2) cash for par and any combination of cash and shares for the excess settlement amount above the \$ 258. 87 million aggregate principal amount of our 1.00 % Convertible Senior Subordinated Notes due November 2024. We currently intend to settle conversions of 1, 00 % convertible notes through a combination of the payment of cash and issuance of shares, with payments of cash up to the aggregate principal amount of the convertible notes to be converted and delivering shares of our common stock in respect of the remainder, if any, of our conversion obligation in excess of the aggregate principal amount of the notes being converted. Furthermore, holders of the Series A Cumulative Participating Convertible Preferred Stock (that will be issued) upon the closing of the Howden Acquisition have the right to convert their shares into common stock in certain eircumstances. The number of shares issued could be significant and such an issuance could cause significant dilution to the interests of the existing stockholders. In addition, unless earlier converted, each share of the Mandatory Convertible Preferred Stock will automatically convert on or around December 15, 2025 into between 7, 0520 and 8, 4620 shares of our common stock, subject to customary anti- dilution adjustments. At any time prior to December 15, 2025, a holder of Mandatory Convertible Preferred Stock may elect to convert such holder's shares of the Mandatory Convertible Preferred Stock, in whole or in part, at the minimum conversion rate of 7, 0520 shares of common stock per share. If a fundamental change occurs on or prior to December 15, 2025, holders of the Mandatory Convertible Preferred Stock will have the right to convert their shares of Mandatory Convertible Preferred Stock, in whole or in part, into shares of common stock at a conversion rate based on the effective date of the fundamental change and the price paid (or deemed paid) per share of our common stock in such fundamental change. We may also pay declared dividends in cash or, subject to certain limitations, in shares of common stock or in any combination of cash and common stock. Conversion of the Mandatory Convertible Preferred Stock into common stock, as well as the payment of dividends in shares of common stock, could be dilutive to our existing stockholders. Our common stock will rank ranks junior to the Mandatory Convertible Preferred Stock with respect to dividends and amounts payable in the event of our liquidation, dissolution or winding- up of our affairs. Our common stock will rank ranks junior to the Mandatory Convertible Preferred Stock with respect to the payment of dividends and amounts payable in the event of our liquidation, dissolution or winding- up of our affairs. This means that, unless accumulated dividends have been paid or set aside for payment on all the outstanding Mandatory Convertible Preferred Stock through the most recently completed dividend period, no dividends may be declared or paid on our common stock subject to limited exceptions. Likewise, in the event of our voluntary or involuntary liquidation, dissolution or winding- up of our affairs, no distribution of our assets may be made to holders of our common stock until we have paid to holders of the Mandatory Convertible Preferred Stock a liquidation preference equal to \$1, 000 per share plus accumulated and unpaid dividends.