

Global Safety Valves Market Size, Share, Trends & Analysis by Material (Steel, Alloy, Cast Iron, Cryogenic, Others), by Size (Less Than 1", 1" to 10", 11" to 20", 20' & Above), by End-user (Oil & Gas, Energy & Power, Chemicals, Food & Beverage, Water & Wastewater Treatment, Others) and Region, with Forecasts from 2024 to 2034.

<https://marketpublishers.com/r/G03895F0D0FBEN.html>

Date: November 2024

Pages: 217

Price: US\$ 3,460.00 (Single User License)

ID: G03895F0D0FBEN

Abstracts

Market Overview

The Global Safety Valves Market is expected to grow significantly from 2024 to 2034, driven by rising demand across various industries including oil & gas, energy & power, and chemicals. In 2024, the market is valued at USD XX.XX billion, projected to reach USD XX.XX billion by 2034, registering a compound annual growth rate (CAGR) of XX.XX%. Safety valves play a critical role in preventing excessive pressure build-up within systems, protecting equipment, and ensuring operational safety. Key factors driving growth include heightened safety regulations, the expansion of industrial sectors, and the adoption of safety valves in renewable energy applications.

Definition and Scope of Safety Valves

Safety valves are devices designed to automatically release pressure from a system once it reaches a certain limit, thus preventing potential failures or accidents. They are used across various industries to protect equipment and ensure compliance with safety regulations. The safety valves market is segmented by material, valve size, and end-user applications, with notable growth in sectors such as water & wastewater treatment, food & beverage, and energy production.

Market Drivers

Stringent Safety Regulations: The increasing focus on industrial safety, backed by strict regulatory standards, is a significant driver in the safety valves market. Industries such as oil & gas, chemicals, and energy adhere to rigorous safety protocols, which fuels demand for reliable safety valve systems.

Growth in Oil & Gas and Chemical Industries: Expanding activities in oil & gas extraction and chemical processing require effective pressure control solutions. The demand for safety valves has surged as these industries prioritize risk management and operational efficiency.

Rising Investments in Power Generation: The expansion of the power generation sector, especially in renewable energy sources like wind and solar, has driven the need for advanced safety valves to safeguard equipment and maintain system integrity.

Market Restraints

High Maintenance Costs: Safety valves require regular maintenance to ensure consistent performance. The associated costs can pose challenges for some end-users, particularly in smaller industries.

Fluctuations in Raw Material Prices: Variability in raw material costs, particularly for metals like steel and alloy, can impact manufacturing expenses and pricing in the safety valve market.

Opportunities

Advancements in Valve Technology: Innovations in smart safety valves with remote monitoring capabilities offer new growth avenues. These advanced valves are gaining traction as they enable real-time data collection and enhanced safety measures.

Demand in Emerging Markets: Rapid industrialization in emerging economies, particularly in Asia-Pacific, is driving demand for safety valves in manufacturing,

chemical processing, and energy sectors. This presents growth opportunities in regions experiencing high infrastructure development.

Market Segmentation Analysis

By Material

Steel

Alloy

Cast Iron

Cryogenic

Others

By Size

Less Than 1"

1" to 10"

11" to 20"

20" & Above

By End-user

Oil & Gas

Energy & Power

Chemicals

Food & Beverage

Water & Wastewater Treatment

Others

Regional Analysis

North America: The region is anticipated to experience steady growth due to strong demand for safety valves in oil & gas and water treatment sectors, as well as advancements in manufacturing standards.

Europe: With increasing environmental and safety regulations, Europe is poised for robust demand for safety valves, especially in industries such as energy, chemicals, and food & beverage.

Asia-Pacific: Expected to be the fastest-growing market, driven by the expansion of manufacturing, water treatment, and energy infrastructure in countries like China and India.

Rest of the World: This includes Latin America, the Middle East, and Africa, where infrastructure development and industrial growth are projected to increase the demand for safety valves.

The Global Safety Valves Market is set for significant growth over the next decade, with heightened focus on safety, regulatory compliance, and innovation driving demand. The market is poised for advances in smart valve technologies, supported by increased investment across industrial sectors.

Competitive Landscape

Key players in the Global Safety Valves Market include:

Emerson Electric Co.

Curtiss-Wright Corporation

Alfa Laval AB

Watts Water Technologies, Inc.

Weir Group Plc

Velan Inc.

Baker Hughes Company

LESER GmbH & Co. KG

IMI plc

Forbes Marshall

Contents

1. INTRODUCTION

- 1.1. Definition of Safety Valves
- 1.2. Scope of the Report
- 1.3. Research Methodology

2. EXECUTIVE SUMMARY

- 2.1. Key Findings
- 2.2. Market Snapshot
- 2.3. Key Trends

3. MARKET DYNAMICS

- 3.1. Market Drivers
 - 3.1.1. Rising Demand in Oil & Gas Sector
 - 3.1.2. Increasing Need for Industrial Safety Standards
 - 3.1.3. Growth in Energy and Power Industry
 - 3.1.4. Other Market Drivers
- 3.2. Market Restraints
 - 3.2.1. High Maintenance Costs
 - 3.2.2. Volatility in Raw Material Prices
 - 3.2.3. Other Market Restraints
- 3.3. Market Opportunities
 - 3.3.1. Technological Innovations in Safety Valve Design
 - 3.3.2. Expansion in Emerging Economies
 - 3.3.3. Demand from Water & Wastewater Treatment Applications
 - 3.3.4. Other Market Opportunities

4. GLOBAL SAFETY VALVES MARKET ANALYSIS

- 4.1. Market Size and Forecast (2024-2034)
- 4.2. Market Share Analysis by:
 - 4.2.1. Material
 - 4.2.1.1. Steel
 - 4.2.1.2. Alloy
 - 4.2.1.3. Cast Iron

- 4.2.1.4. Cryogenic
- 4.2.1.5. Others
- 4.2.2. Size
 - 4.2.2.1. Less Than 1"
 - 4.2.2.2. 1" to 10"
 - 4.2.2.3. 11" to 20"
 - 4.2.2.4. 20" & Above
- 4.2.3. End-user
 - 4.2.3.1. Oil & Gas
 - 4.2.3.2. Energy & Power
 - 4.2.3.3. Chemicals
 - 4.2.3.4. Food & Beverage
 - 4.2.3.5. Water & Wastewater Treatment
 - 4.2.3.6. Others
- 4.3. Value Chain Analysis
- 4.4. SWOT Analysis
- 4.5. Porter's Five Forces Analysis

5. REGIONAL MARKET ANALYSIS

- 5.1. North America
 - 5.1.1. Market Overview
 - 5.1.2. Market Size and Forecast
 - 5.1.3. Key Trends
 - 5.1.4. Competitive Landscape
- 5.2. Europe
 - 5.2.1. Market Overview
 - 5.2.2. Market Size and Forecast
 - 5.2.3. Key Trends
 - 5.2.4. Competitive Landscape
- 5.3. Asia Pacific
 - 5.3.1. Market Overview
 - 5.3.2. Market Size and Forecast
 - 5.3.3. Key Trends
 - 5.3.4. Competitive Landscape
- 5.4. Latin America
 - 5.4.1. Market Overview
 - 5.4.2. Market Size and Forecast
 - 5.4.3. Key Trends

- 5.4.4. Competitive Landscape
- 5.5. Middle East & Africa
 - 5.5.1. Market Overview
 - 5.5.2. Market Size and Forecast
 - 5.5.3. Key Trends
 - 5.5.4. Competitive Landscape

6. COMPETITIVE LANDSCAPE

- 6.1. Market Share Analysis of Key Players
- 6.2. Company Profiles of Key Players
 - 6.2.1. Emerson Electric Co.
 - 6.2.2. Curtiss-Wright Corporation
 - 6.2.3. Alfa Laval AB
 - 6.2.4. Watts Water Technologies, Inc.
 - 6.2.5. Weir Group Plc
 - 6.2.6. Velan Inc.
 - 6.2.7. Baker Hughes Company
 - 6.2.8. LESER GmbH & Co. KG
 - 6.2.9. IMI plc
 - 6.2.10. Forbes Marshall
- 6.3. Recent Developments and Innovations
- 6.4. Strategic Initiatives

7. FUTURE OUTLOOK AND MARKET FORECAST

- 7.1. Market Growth Prospects
- 7.2. Technological Trends and Innovations
- 7.3. Investment Opportunities
- 7.4. Strategic Recommendations

8. KEY INSIGHTS AND REITERATION OF MAIN FINDINGS

9. FUTURE PROSPECTS FOR THE GLOBAL SAFETY VALVES MARKET

I would like to order

Product name: Global Safety Valves Market Size, Share, Trends & Analysis by Material (Steel, Alloy, Cast Iron, Cryogenic, Others), by Size (Less Than 1", 1" to 10", 11" to 20", 20' & Above), by End-user (Oil & Gas, Energy & Power, Chemicals, Food & Beverage, Water & Wastewater Treatment, Others) and Region, with Forecasts from 2024 to 2034.

Product link: <https://marketpublishers.com/r/G03895F0D0FBEN.html>

Price: US\$ 3,460.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G03895F0D0FBEN.html>