Global Nuclear Main Steam and Feed Water Isolation Valves Market Analysis and Forecasts to 2020

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"***Global Nuclear Main Steam and Feed Water Isolation Valves Market Analysis and Forecasts to 2020***" is the latest research from GlobalData. This report provides comprehensive information on the market size of the main steam and feed water isolation valves used in the nuclear power generation facilities, both at a regional and global level. The major isolation valve types that are included in the study are those used in pressurized water reactors, pressurized heavy water reactors, light water graphite reactors, gas cooled reactors, fast breeder reactors and the boiling water reactors. Main steam isolation valves remain fully open during normal plant operation. However, in the event of a main steam line break or loss of coolant accident, the main steam isolation valves close to isolate the containment building and prevent the release of large amounts of radiation into the atmosphere. These isolation valves play a significant role in safe operation of nuclear power plant and the economical and competitive production of electric power.

Nuclear Industry Expansion enhances the Growth of the Main Steam and Feed Water Isolation Valves Market

Demand from new and existing nuclear power stations is set to drive the feed water heater market. There are 57 new nuclear reactors that are in the under construction phase across the globe and that are expected to come online during the period 2010-2020, which indicates a growth in demand for nuclear main steam and feed water isolation valves worldwide. There will also be demand for these valves in the replacement market as many of the existing reactors will require replacement once they complete 25-30 years of operational life. In the long term, most of the demand for the main steam and feed water isolation valves will be primarily due to new reactors in nuclear power producing countries as well as the potential nuclear industry development in emerging nuclear countries.

Europe and Asia Pacific Regions are the major markets for the Main Steam and Feed Water Isolation Valves Industry

The European and Asia Pacific regions are expected to show strong demand for nuclear main steam and feed water isolation valves during the forecast period 2010-2020. Europe is a key market for the isolation valves industry as many of the existing reactors as well as new reactors will require main steam and feed water isolation valve replacement. During the forecast period 2010-2020, the European region is expected to show the highest demand, with 1,143 main steam and feed water isolation valve units followed by the Asia Pacific region with 629 units and the North American region with 315 units. The increased demand from these regions will result in the sustained growth of the nuclear isolation valves market.

Nuclear Main Steam and Feed Water Isolation Valves Market to Show Decline during the Forecast Period 2010-2020

Year-on-year demand for main steam isolation valves around the globe will decrease from 89 units in 2010 to 58 units in 2020, showing a negative average annual growth rate (AAGR) of 4.2% during this period. This market is expected to reach $56.8m in 2020, increasing at an AAGR of 0.6% between 2010 and 2020. The global estimated demand for feed water isolation valves will decrease to 35 units by the end of 2020 compared to the 2010 estimated number of 120 units. The value for feed water isolation valves is expected to reach $22.7m in the year 2020. Major demand for main steam and feed water isolation valves will be from the replacement market during the forecast period 2010-2020.

Key Players to Benefit from Main Steam and Feed Water Isolation Valves Market Growth

Leading players such as Control Components Inc, Velan Inc, Flowserve Corporation, Copes-Vulcan, Inc, Bharat Heavy Electricals Limited, KSB Aktiengesellschaft and Tyco Flow Control are set to benefit from the growth within the main steam and feed water valves market. Europe has some of the major nuclear industry companies, as this region has the largest number of operating nuclear reactors in the world. These major players will be the potential beneficiaries of the high demand for nuclear main steam and feed water isolation valves because of their better capabilities and long standing experience in this market.

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