

Conventional Safety Valve Supplier in UAE



UAE Valve is known as the leading [Conventional Safety Valve supplier in UAE](#). It is a kind of valve that releases excess pressure automatically to prevent damage or collapse to systems. It is a vital instrument that is used in a variety of industries to manage and reduce overpressure. Designed to protect pressurized equipment and devices, including boilers, pressure vessels, and pipelines, from overpressure situations.

Conventional Safety Valves are primarily used to open at a predefined set pressure to relieve excessive pressure building within a system. The valve is intended to open and discharge excess pressure to the atmosphere or a low-pressure region when the system pressure reaches or exceeds its set point.

Conventional Safety Valve Supplier in UAE have these purposes:

- **Overcast the Chance of Fluid or Gas Leaks:** Allowing for the dominance of the release of pressure to uphold safe operating conditions are crucial functions performed by pressure relief valves.
- **Safeguarding Equipment and Systems:** These valves play a pivotal aspect in safeguarding equipment and systems from potential damage caused by excessive pressure build-up. Furthermore, they sustain in ensuring that the pressure inside a service remains within the safe operational limits, thereby contributing significantly to the overall safety and well-being of the equipment and associated processes.
- **Compliance with Safety and Regulatory Requirements:** By maintaining a check on pressure levels, pressure relief valves help to guarantee that all equipment, especially pressure vessels, comply with essential safety and regulatory requirements. In essence, these valves act as a vital protective barrier against the risks posed by situations of dangerous overpressure, serving as a cornerstone of safety protocols in industrial and mechanical applications.
- **Preventing Catastrophic Outcomes:** The proper functioning and deployment of pressure relief valves are essential for preventing catastrophic outcomes due to pressure surges, thereby emphasizing their indispensable role in maintaining operational integrity and safety across various settings.

Parts of Conventional Safety Valves:

- Body
- Bonnet
- Disc
- Seat
- Nozzle
- Spring

Industries Using Conventional Safety Valves:

- Oil and Gas
- Chemical Processing
- Power Generation
- Water Treatment
- HVAC Systems

Description:

- **Materials:** Cast Iron, Ductile Iron, SS304, SS316, CF8, CF8M, Carbon Steel (WCB, WCC, WC6, LCB, LF2, WC9)
- **Class:** 150 to 2500
- **Nominal Pressure:** PN10 to PN450
- **Size:** ½” to 40”

Visit:-

<https://www.uaevalves.com/product-category/conventional-safety-valve/>

Address:- Level 5 Emaar Square, Downtown Dubai, Dubai, United Arab Emirates