ValvTechnologies provides field proven solutions for severe service applications.

Applications

ValvTechnologies' valves are built to withstand the most severe applications. High temperature, high pressure, high cycling, abrasive, corrosive and caustic media have all been considered in the design of our product line.

Fossil Fuel
- Above & below seat drains
- Ash handling
- Attemporator spray control
- Boiler drains
- Boiler feed pump isolation
- Continuous boiler blowdown
- Electronic relief
- Feedwater heater drains
- Feedwater isolation
- Instrument isolation
- Main steam stop
- Recirculation
- Seal steam regulators
- Sight/gauge glass drains
- Soot blower regulators
- Startup vents
- Steam dump
- Turbine bypass systems
- Turbine drain

Nuclear Generation
- Boiler feedwater
- Circulating water system
- Component cooling
- Condensate extraction
- Condensate cooling water
- Emergency feedwater
- Fire protection system
- HP safety injection
- HP & LP heater drains
- Heat exchanger vent & drains
- Main steam system isolation, drain & vent
- Power operated relief valve (PORV)
- Pressurizer drain & vent
- Rad waste system
- Reactor coolant pump drain & vent
- Reactor head vents
- Reactor water cooling vents & drains
- Safety injection system
- Secondary system isolation, drain & vent
- Service water system isolation
- Steam generator system
- Turbine by-pass
- Turbine drain & vent
- Fukushima tie ins
- Reliable hardened vents

Upstream Oil & Gas
- Wellhead choke isolation
- HIPPS
- Emergency shutdown
- Compressor recycle & isolation
- Sour gas isolation & control
- Steam, water & gas injection
- Steam chokes
- SAG-D isolation
- Pig launcher & receiver
- Mud drilling isolation & check
- Lean & rich amine isolation
- Molecular sieve regeneration isolation
- Molecular sieve absorber isolation
- First & second stage separator isolation
Downstream & Chemical Processing

Coking (Delayed & Flexi)
- Switching
- Feed isolation
- Overhead vapor line
- Cutting water isolation

Fluidized Catalytic Cracking
- Catalyst handling
- Slurry isolation & control steam

Ethylene
- Steam decoke isolation
- Furnace isolation
- Steam vent
- Quench oil isolation & control

Polyethylene
- Isolation
- High cycle (PTO)
- Reactor block

Heavy Oil Upgrading & Hydrocracking (H-Oil & LC Fining)
- Catalyst addition & withdrawal
- Filter & pump isolation
- Overhead vapor isolation & control
- High delta-P isolation & control

Reforming (CCR)
- Lockhopper
- Isolation

Mining & Minerals Processing

High Pressure Slurry Transportation Systems
- Pump discharge isolation
- Pipeline isolation stations
- Pipeline choke stations
- Rupture disk isolation
- Instrument isolation

Autoclaves
- Vessel feed & discharge
- Acid injection
- Gas injection
- Steam injection

Mineral Concentrators
- Thickener underflow
- Discharge isolation
- Filter press manifold isolation
- Slurry transfer systems
- PRV isolation

Waste Disposal
- Tailings pipelines
- Paste backfill

Pulp & Paper
- Boiler vent & drain
- Liquor isolation & control
- Rapid drain
- Steam isolation
- Sky vents
- Dryer pressure control
- Digester steam control
- Lime mud isolation & control