

About Us

It Gives Us Immense Pleasure To Introduce Our Company As One Of The Dynamic Growth Oriented And Quality Conscious Engineering Firm.

The Organization Is Managed By Technocrats, Having Wide 25 Years Of Rich Experience In Projects, Maintenance, And Production & Marketing Of Industrial Valves For The Leading Valve Manufacturing Companies Based At Ahmedabad.

Company's Product Mix Includes Pressure Gauge, Snuubers, Gauge Cock Gate, Globe, Check, Butterfly, Ball Valves Diaphragm Valve &, Needle Valves ,Syphon (Q Type, U Type, O Type) And Pipe Fitting, These Valves Find Application In Hydraulic / Agriculture, Chemical / Process Industries, Water Treatment Plants, Sugar & Distillery Plants, Refineries / Petrochemical Plants, Pulp & Paper Mills, Power Plants, Steel / Engineering Industries, Textile Process, Pharmaceuticals Industries And Boiler Installations.

These Valves Are Generally Conforming To Api, Bs, Ansi, Asme And Din International Technical Standards For Design, Manufacture And Testing.

As A Special Development Company Has Developed High Pressure Ball Valves And Needle Valves Up To 10000 Psig Pressure.

The Management Of The Company Has Adopted Total Quality Management As Its Organizational Goal And The Quality Policy Is To Satisfy Our Valued Customer With Excellent Quality Products And Prompt Services At Competitive Prices. Brief

Procurement Of Raw Material

In The Manufacturing Process We Require Castings Of Different Grades, Stainless Steel Bars, Forgings, Hardware, Gaskets & Paints. All Raw Material Purchase From The Reputed & Genuine Concerned Supplier.

Quality Control

All Raw Materials Are Checked By Our Quality Assurance Department Prior To Manufacturing Process. For An Example, When We Received The Castings, It Is Checked Visually And Dimensionally For Machining Tolerance. We Also Check The Foundry Chemical Test Certificate And Physical Test Certificate, Compared To Suitable International Standard And Passed To Machining Shop For The Further Process, If It Is Rejected It Is Send Back To The Supplier.

Machining

The Raw Material Issued To The Machine Shop For The Machining, Is Machined Strictly As Per The Relevant Drawings.



Inprocess Testing

If It Is Found O K Dimensionally The Valve Body And Bonnet Are Sent For The Hydro Testing. All Internal Parts Such As Seat, Disc, Stem Are Measured By The Vernier Caliper Or Micrometer, If It Is Found O K Than Pass To Assembly Section For The Further Assembly. All The Valve Body And Bonnet Are Tested On The Motorized Pump Or Hand Pump As Per The Relevant Standard. The Theory Being, When The Body Or The Bonnet Is Under Pressure There Should Not Be Any Leakage Or Drops Of The Testing Fluid From Any Portion Of The Castings. If Any Leakage Observed, It Is Rejected And Sent Back To The Foundries.

Assembly

The Body And Bonnet, Which Are Hydrostatically O K, Are Sent To Assembly Section, Duly Handled With Care To Avoid The Scratches On The Machined Surfaces. In The Assembly Section Body And Bonnet Are Drilled On Drill Machine With The Help Of Jigs & Fixtures For Uniformity And Interchangeability.

Testing

After Assembly Of New Complete Valve Is Sent For Hydrostatic Testing. If No Leakage Is Found As Per The Relevant Standard, It Is Sent To Finishing Section

Quality Policy

PAYAL ENGINEERING is committed to design, manufacture & supply and dealer all type company products Industrial Instrumentation valves & pipe fitting ,Pressure Gauge , Pneumatic Fitting & Valves and Cylinder in Compliance with Customer need and to relevant , national & International Specification , to give total costumer satisfaction by establishing industry standard for quality and long service.

At **PAYAL ENGINEERING** a wide range of industrial valves are manufacture with low maintenance cost with ISO 9001:2008 Standard Quality design and management system . Our commitment system Our Commitment is to provide superior process solution process solution in valves for use in air , water ,oil and chemical services in pharmaceutical, petrochemicals and other allied industrial .The valves are manufactured strict control right from procurement of raw materials to the final and testing of the valves.