

MASCOT



**High End
Technology**

**Tight
Shutoff**



Reliability

**Expertise you
can trust**

Australian Manufacturing Capabilities





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MASCOT Industrial's Australian manufacturing capabilities includes the manufacture of control valves ranging in sizes 0.5" to 36" Globe and 2.0" to 48" Rotary (Butterfly, VBall, Eccentric Plug) pressure ratings of ASME CL150 to CL4500 in a wide variety of materials and special designs for difficult applications.

The Australian facility utilizes Vendor Partnerships to complete the manufacture of castings and machining of valve components.

This provides flexibility of machine shop loadings and substantial reduction in manufacturing lead times.

Having worked with our partners for the last twenty years, we have achieved a proven track record of high quality and on-time performance.



Castings

Our foundries cater for both ferrous and non-ferrous castings. Materials include Carbon Steel, 316 SS, 304SS, Duplex SS, Bronze, Monel.

Engineering design, pattern manufacture, casting, machining, assembly, testing, and specialised coating are typically some of the processes valves manufactured by MASCOT Industrial go through.

Foundry

The foundries 12 hectare manufacturing plant uses high technology equipment, computer controlled machining facilities, electric induction furnaces, approved mechanical and chemical laboratories, research and development flow testing equipment.



Forgings

Forge shop capabilities include drop forgings and open die forgings to 1000mm diameter in a range of standard and special materials for bonnets, flanges, plugs and seat rings.

Machining

Extensive equipment such as large machining centres and C.N.C. lathes capable of producing valve components in a wide range of sizes.



Painting



A wide range of paint specifications are available including standard paint, high build paint specifications for offshore service and paint specifications for high temperature service.



Assembly and Testing

Assembly and testing capabilities include:

- Hydrotest to ASME B16.34
- Seat Leak Test to ASME FCI F70-2
- Low Temperature Testing
- NDE (Radiography, Dye Penetrant, Magnetic Particle etc)
- Calibration
- Function Test
- Final Inspection



Project Execution Capabilities

Whether it's a single control valve with special requirements such as large size, high pressure class, special materials or a project of over 100 control valves MASCOT and its sub-suppliers have the infrastructure, capacity and willingness to execute the project in accordance with your specification and delivery schedule requirements.



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