

MANUFACTURING QUALITY PROFILE

Overview

Client Base

Approved by and servicing major participants in the oil, gas, mining and power generation sectors throughout Australia and worldwide.

Quality Assurance System

A documented QA system is in place, operating in accordance with AS/ISO 9001. Quality Assurance Assessors: LRQA Business Assessors: LRQA, Business Assurance (Lloyds). We also operate the 5S continuous improvement system, which is third party, audited by Lloyds under our ISO 9001 management system.

Workers Compensation

Pursuant to Regulation 6.6.2(1) of the Occupational Health, Safety and Welfare Regulations 1995, Australian Pipeline Valves employees are protected for workers compensation for work related injury through Workcover Corporations and CGU insurance.

Occupational Health & Safety

Australian Pipeline Valve operates in accordance with the Occupational Health & Safety Act and specifically in accordance with AS 4801 (OHS AS 18001).

Insurance

\$20 million public liability insurance – QBE Insurance
\$30 million products liability insurance – QBE Insurance – Failure of products and damage
\$1 million professional indemnity insurance – QBE Insurance Ltd
Fraud and slander insurance – Loss of documents
Advice – Brecknock Insurance Brokers Pty Ltd

Markets

Oil & gas, mining, petrochemical, power generation and process industries, local and export.
Experience
Australian Pipeline Valve has over 30 years experience in handling maintenance contracts as well as new capital projects.

Administration

Fully computerised administration, design, order handling and project tracking.

Expediting

Computer assisted expediting.

Office

Modern office facilities, Alcatel 14 line PABX, 26 extensions for voice, data and fax.
Mainframe server interfaced via high-speed intranet to a network of 20 Apple Mac computers

(Windows capable OSX) able to interface with SAP, Oracle and all major electronic commerce systems.

Warehouse & Workshop

7600m² under cover (high clearance), 6000m² hard stand, 4 forklifts (up to 4.5 tonne).
3 warehouse locations.

Quality

ISO 9001:2008

Main Subcontractors



AccountEdge – Payroll & Accounting
Actreg SRL – Actuators
Adelaide Specialised Packaging – Heat-treated crates
Air Torque – Actuators
ALS Testing – N.D.T / D.T
Amdel – Testing
Asco – Solenoids
Austcoat Services – Painting
Australian Valve Engineering – Engineering & Testing
Biffi (Pentair Australia) - Actuators
Bifold - Solenoids
CIXI Sealing – Gaskets
Computer Cut - Profiles
Consolidated Bearing Company – O-rings
CPC Quality – Quality Consultant
Creative Umbrella – Marketing Consultants
Deepak – Studs
Diamond Gear – Gear operators
Essex - Deadman fire shut off packs
GSL Engineering – Engineering & Testing
Herion – Control valves
IGP Engineers – Gaskets
Improvation – Internal quality
Industrial Gaskets – Gaskets
IT on Call – Computing support
James Walker – O-rings
LM Trade – Packing material
LRQA Business Assurance (Lloyds) – Quality Assurance Assessors
Mac Solutions – Computing support
Mapal Australia – Machining Tools
Metalcorp – Steel/bar
Paint PPG – Paint
River City SanXing – Castings
Rotork – Actuators
Salisbury Sheet Metals – Components
Sandvik – Raw material
Sferova – Technology & Design transfer
Sferova SRL – Actuators

Shah Precicast – Castings
Shah Precicast - Castings
Shanxi Gunjianying - Forgings
Torqturn – Actuators
Trueshape – Welding & X-ray
United Fastners – Fasteners
Westlock – Positioners
Wiley Street – Coatings
Zhejiang Shidai – Castings

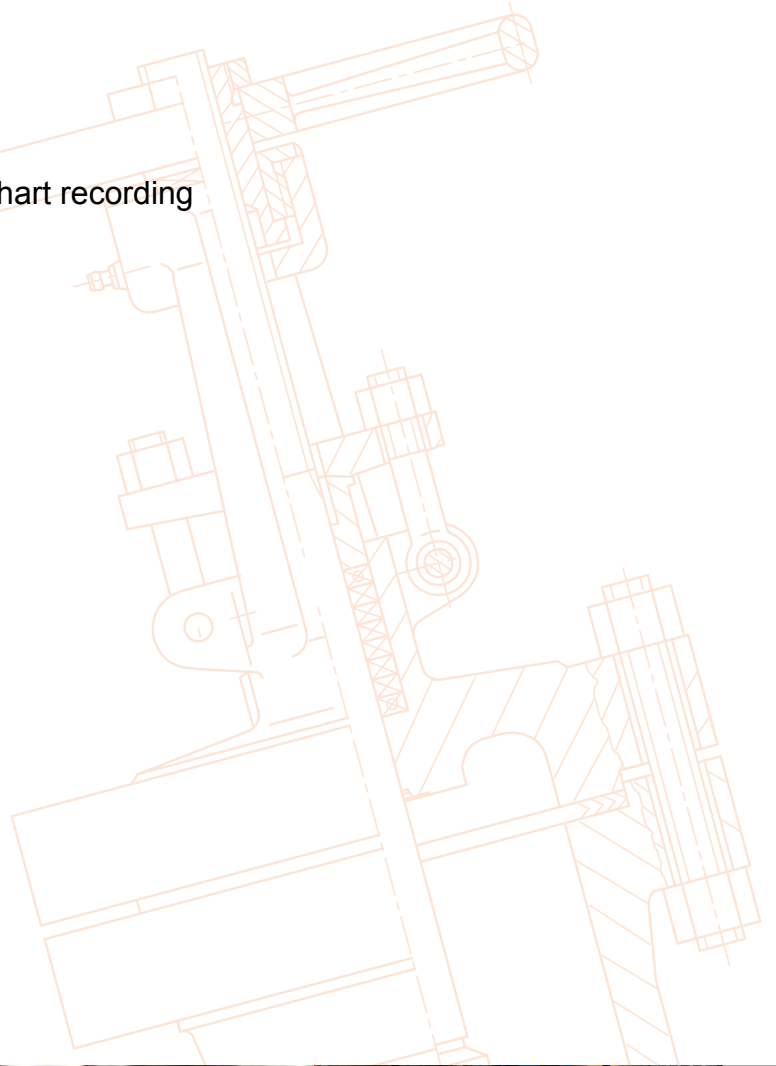
Workshop Equipment

- Fully equipped valve automation centre
- Fully equipped hydrostatic & pneumatic test facility
- Full in house paint & blast shop
- 100 tonne 10,000psi pressure test machine
- Submerged Nitrogen Test Tank
- SZME YFB-D600 380 VAC 3 Ph Electro hydraulic 300 DN - 600 DN horizontal valve Hydrostatic test bench 5000 PSIG rated 4000 mm face to face length
- Dory JWZ-300 380 VAC 3 Ph Electro hydraulic 15 DN - 300 DN horizontal valve Hydrostatic test bench 7500 PSI rated, 1500 mm face to face
- Mazak CNC vertical machining centre
- Microcut Challenger CNC flat bed lathe
- Tuda face lathe 1.6m swing - 1900mm between centers
- Buffalo CNC lathe 8 heads BNC 2660 1600mm between corners
- Herless lathe 860mm swing, 2000mm between centres
- Vertical Borer TOS W100 3400mm 750mm face plate
- Mazak lathe 1400mm swing 2700mm between centres
- Mudigs radial arm drill 900mm range, multispeed
- Anayak milling machine
- Welder - Origmig 400amp welder
- Sawing Machine
- Stanto slotting machine 500mm stroke
- Beaver 2 Thread cutting machine
- Valve Torque tester VTT-160 Torque range 2,000NM - 16,000 NM
- Valve Torque tester VTT-600 Torque range 10,000NM - 60,000 NM
- Actuator Torque tester ATT-160 Torque range 2,000NM - 16,000 NM
- Actuator Torque tester ATT-600 Torque range 10,000NM - 60,000 NM
- John Heine Bending machine
- Cutmaster Plasma cutter 50mm
- Profax Welding turntable 600mm
- Nitrogen test unit
- Hydratron 10,000 PSIG HP Gas and Hydrostatic test unit.
- Crystal XP2 Digital test Gauges and data loggers
- NCSK automatic pneumatic metallic label printer
- Full in house Sand blasting facilities & paint shop
- Overhead cranes 1 x 3 tonne, 3 x 1 tonne
- 4 forklifts – up to 4.5 tonne
- High pressure, high speed Valve grease pump

- Degreasing bath
- Computerised label printer
- 3D scanner and CAD modelling
- Full set of test flanges, swell plugs & stoppers
- Yantai Sand Blast Machine - 6x4m, self recovery system, 1tonne feed hopper, full dust extraction system, shot blasting & garnet, 2000L air tank, rotary screw compressor, fully computerised, certified & environmentally friendly
- Yantai Spray Booth - 6x4m, temperature controlled, includes baking oven, fully automatic, computerised, certified & environmentally friendly
- 380 VAC 3 Ph Hydraulic power pack and control panel with data recorder

Testing & Measuring Equipment

- Surface roughness tester
- Digital portable hardness tester
- Thread gauges misc. types - 30 sets
- Dry film paint thickness tester
- Hydrotesting facility up to 20000 PSI with chart recording
- Verniers ranging up to 800mm
- Micrometres ranging up to 250mm
- Bore gauges ranging up to 300mm
- Thread gauges
- Precision surface plates
- Torque tester
- 3D Scanner & CAD Modelling



Inspection and Testing Activities

Thanks to the experience gathered during many years of activity in the supply of products to major Australian and off-shore companies, Australian Pipeline Valve can provide professional competence in the management of a third party survey, review and witness of any required non-destructive tests in Adelaide or our ex overseas factories, such as:

- X-Rays
- Ultrasonic Tests
- Magnetic Particle Inspection
- Positive Material Identification
- Dye Penetrant Liquid Inspection

As well as the following product tests:

- Pressure tests – pneumatic
- Pressure tests – hydraulic
- Pressure tests – gas high pressure tests
- Helium fugitive emission tests

Also functional tests for special applications:

- Low temperature seats
- Cryogenic tests
- Fugitive emissions tests
- Functional test on actuated equipment
- Torque testing



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APV Manufacturing Quality Profile R3 - AS

