



Oil, Gas and Petrochemical, Power Generation, Metals & Minerals, Pulp & Paper

Technical, Responsible, Safe, Guaranteed!

Capability Statement



- Knowledgeable
- Technically
- Capable
- Responsible



Need help or advice with your valve project? Call Iain on 0417 279 508

Capability Statement

Core Competencies:

Big Taps Valve Consultants aim is to provide valve solutions for the most arduous applications in the gas, petrochemical, metals, power generation and pulp and paper industries. To do this we provide:-

- 30+ years experience in the valve industry
- Strong technical knowledge
- Experience in the oil and gas, power generations, pulp and paper and metals and minerals markets.
- Big Taps represents a select number of high quality manufactures capable of supplying high quality valves at competitive prices.

Past Performance:

- I have personally worked with many of Australias major end users including APA Group, Australian Paper, BHP Billiton, Exxon Mobil, Orica, Origin Energy, Qenos, Queensland Alumina, Santos, Terminals as well as most of the major EPC contractors.
- Project managed some of the largest valve supply projects in Australia including:-
 - BHP Billiton – Zamzama Stage 3 – value A\$5 million
 - Epic Energy – QSN3 Gas Pipeline – value A\$3 million
 - Fluor Daniel – Murrin Murrin Nickel Cobalt Project – value A\$15 million



Services:

Because of our experience and knowledge Big Taps offers a range of services outside of a normal valve supplier, such as:-

- Provide advice on valve types in various service applications.
- Prepare detailed technical specifications for tendering purposes.
- Provide standardisation advice on valve types and actuator systems.
- Provide review of current installation base and inventory requirements.
- Provide advice on reducing inventory spares.



Differentiators:

At Big Taps Valve Consultants our aim is to do what other valve suppliers seem so hard to do in:-

- Provide a high level of technical knowledge and expertise
- Only work with high quality Korean and European manufacturers
- Provide reliable, reduced delivery times
- Provide personalised customer service
- Do what we say we are going to do.

Partners / Suppliers:

Big Taps only works with high quality European and Korea manufacturers that are fully certified to the latest international standards. I would like to suggest that the following valve types that are within our scope of supply would be of particular interest to you:-

- **Abacus** – Scotland – Wafer design swing and spring loaded dual plate check and axial flow check valves
- **Bonetti** – Italy - High pressure steam valves and level gauges
- **ICL** – Korea - Cast gate, globe and check valves
- **OS Valve** – Korea - Plug valves – Sleeved, lined and lubricated designs similar to Audco, Xomox and Tuflin brands
- **Pruss** – Germany – Custom designed control valves for the oil and gas and power generation industry, including turbine bypass, pressure reducing, pressure reducing / desuperheating and blowdown.
- **Schuf** – Germany – Bottom tank, grinding disc, Urea, line blind systems, sampling, autoclave let down and severe service isolation and control valves
- **SWI** – Korea – Forged gate, globe, check and bellows sealed valves for toxic gas or liquid applications where zero leakage to atmosphere is required.
- **Val Tech** – Italy - Ball valves, floating and trunnion mounted, side entry, top entry and fully welded designs, soft and metal seated



Products:

- **Ball valves** - Trunnion mounted and floating ball, side and top entry, fully welded and double block and bleed design, metal and soft seat.
- **Butterfly valves** - eccentric, double eccentric and triple eccentric designs.
- **Check valves** - swing, wafer (single disc and dual plate) and axial flow designs.
- **Choke valves** - for severe service control and isolation applications on wellhead and autoclave let down applications, inline or angle pattern designs available.
- **Control valves** - high pressure drop, critical control, high noise applications, severe service.
- **Disc bottom outlet valves** - suitable for sampling, draining or chemical / steam injection into tanks or pipelines.
- **Gas metering skids.**
- **Gate valves** - slab gate and through conduit designs.
- **Gate, globe and check valves** - API 600 and API 602 designs.
- **HIPPS** (High Integrity Pressure Protection Systems).
- **Instrument valves** - gauge, manifold, DBB, mono flange and chemical injection designs.
- **Knife gate valves** - standard and custom designed for severe service applications.
- **Level gauges** - glass and magnetic level gauges for boilers and tanks.
- **Lift plug valves** - severe service isolation valves, 3, 4 and 5 way options available
- **Line blind systems** - critical isolation zero leakage.
- **Pig launchers and receiver valves.**
- **Plug valves** - lubricated, PTFE sleeved and PFA lined designs.
- **Strainers** - Y, T, basket and temporary (witches hat) designs.





Iain Garvin

CEO & Founder

Iain has 30 years knowledge and expertise in the valve industry.

Iain has worked on some of the largest projects in the metals & minerals, oil & gas, power generation and pulp and paper industries, including nickel and gold refineries, chemical plants, offshore platforms, gas pipelines, airport refuelling, gas processing, water treatment, wharf loading / unloading facilities and LNG trains.



Big Taps Valve Consultants takes pride in only working with reputable manufacturers from Europe and Korea that have full quality and environmental certification to ISO, CE, SIL API and Gost-R standards. Our valves are designed and manufactured in accordance with ASME, ANSI, BS and API standards with full material traceability (including country of origin if required)

**Our philosophy is safety,
quality and reliable products.**



Big Tap Valve Consultants is a response to how much the valve industry has changed in Australasia over the past ten or so years. Large global companies have gradually swallowed up the smaller ones and as such prompt deliveries and customer service have gone out the window. Unfortunately what has also happened is that the person that you have been dealing with for the last ten years has also left, taking with them their in depth valve experience and knowledge of your plant.



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