olutions

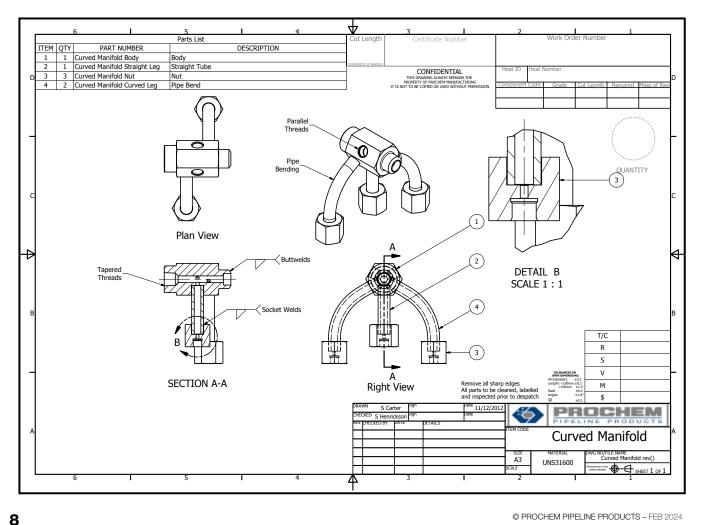
SPECIAL PRODUCTS AND SERVICES

Prochem Manufacturing provides custom designed fittings and issue drawings and models as required for customer verification.

The following pages present just some of the many products and industries Prochem Manufacturing has been providing Engineered Solutions to.

Compressed Gas Filling Manifolds

- Custom Designed or Made to Customer Drawings
- Can be supplied with pigtails
- Welder Qualifications



© PROCHEM PIPELINE PRODUCTS - FEB 2024

Compressed Gas Bottle Connectors (Bullnose Fittings)

Manufactured in accordance with the following standards

- Australian Standard (AS)
- British Standard (BS)
- North American Standard (CGA)
- German/European Standard (DIN)

Gas Bottle Connectors can be 1, 2 or 3-piece assemblies or can be welded to reduce the number of connections.



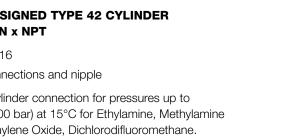


CUSTOM DESIGNED TYPE 42 CYLINDER CONNECTION x NPT

Materials: 316

Welded connections and nipple

Type 42 is a cylinder connection for pressures up to 20,000 kPa (200 bar) at 15°C for Ethylamine, Methylamine (stabilised), Ethylene Oxide, Dichlorodifluoromethane.





TYPE 31 CYLINDER CONNECTION ASSEMBLY x NPT

Material: Copper Alloy C38500

Handwheel

Nipple

PTFE Washer

Type 31 is a cylinder connection for pressures up to 20,000 kPa (200 bar) at 15°C for Hydrogen Fluoride (Anhydrous), Phosgene, Sulphur Hexafluoride, Methyl Bromide, Silicon Tetrafluoride, Vinyl Bromide (stabilised).



TYPE 50 CYLINER CONNECTION ASSEMBLY x NPT

Material: 316

Type 50 is a cylinder connection for pressures up to 20,000 kPa (200 bar) at 15°C for Krypton, Neon, Nitrogen, Xenon.

TYPE 10 CYLINDER CONNECTION ASSEMBLY x NPT

Material: 316

Type 10 is a cylinder connection for pressures up to 20,000 kPa (200 bar) at 15°C for Argon, Helium, Oxygen.



© PROCHEM PIPELINE PRODUCTS - FEB 2024

Engineered Solutions

Seal Pots

Design

Welder qualifications on requestDestructive Testing - Microstructural Analysis, Tensile Tests

Non Destructive Testing - Dye Penetrant, Radiography, Ultrasonic, Phased Array,

Ultrasonic Inspection and 100% Hydrostatic Testing

Serially recorded and fully traceable

Thermowells

15 NB (1/2") to 150 NB (6")

Class 150 to Class 2500

Integral and two piece configuration

Wake Frequency Calculations to ASME PTC 19.3





Welded 2-piece Seal Pot

Duplex 1-piece Thermowell

Distribution Manifolds

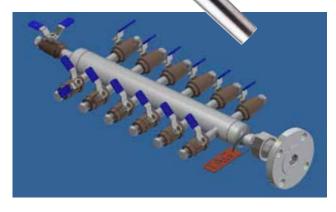
Custom Designed

Made from pipe or tube

Ball or Needle Valve

Supplied with up to any number of outlet configurations

Welder Qualifications



Custom Design Products



90° bleed valve with calibration port



Custom Bleed Valve with increased orifice to prevent plugging

Contact Prochem Manufacturing for help with your Engineered Solution manufacturing@prochem.com.au