



OIL & GAS PARTS & SERVICES

As one of Australia's largest heavy engineering companies, Hofmann Engineering operates 24 hours a day, 7 days a week to offer exceptional service to customers in demanding industries. Emergency repairs and rapid rebuilds are a forte. A wide range of machines, components and special tools are available to successfully complete difficult assignments in compliance with international standards.



SUB-SEA BALL CHECK VALVES

Large 1500mm dia. Borsig subsea ball check valve completely overhauled and tested.



GAS LIQUEFYING PUMP MANUFACTURED AND TESTED UNDER LICENCE TO STORK

Hofmann Engineering continues to have licensing agreements with recognised OEMs for the manufacturing, assembly, and shop testing of precision valves and pumps.





1

SUBMERGED ARC WELDING OF SUB-SEA BALL VALVE

The ball valve is submerged arc welded and heat treated in an electric furnace (stress relieved).

- Welding performed, including Inconel overlay to 4130 and F22.



2

BALL VALVE FULLY MACHINED

Ball precision machined to give 100% clean up. Full magnetic particle and ultrasonic crack detection.



3

BALL VALVE FINISH GROUND

The ball is hard chrome plated, finish ground to a 0.02mm roundness tolerance, and polished to a 0.4 micron surface finish.



4

BALL VALVE ASSEMBLY

Assembly is handled by specialist valve technicians. Where required the assembly is carried out in a purpose built clean room.



5

BALL VALVE PRESSURE TESTING

Due to safety requirements, many high pressure valves are pressure tested in a below ground concrete walled pit. Certification for the testing is provided.



SWAGING TOOL REBUILT AND MODIFIED

Pile reforming tool for Goodwyn A Platform for straightening bent pylons. This tool was re-engineered, part manufactured and then tested.



TOP DRIVE DRILLING SYSTEMS

- Complete top drive drilling system rebuild service.
- Replacement parts include all gearing.
- The gearing is case hardened and ground to DIN 5 quality.



WINDLASS

- Complete windlass rebuild service.
- Replacement parts include all gearing, capstan, brakes and gearbox drive system.



TRIPLEX SLUSH PUMPS

- Complete triplex slush pump rebuild service.
- Replacement parts include all gearing and crankshafts.

HOFMANN ENGINEERING PTY LTD

3 Alice Street, Bassendean (Perth) Western Australia 6054 T +61 8 9279 5522 F +61 8 9279 9386 E mail@hofmannengineering.com

©Copyright 2019, Hofmann Engineering Pty Ltd.

AUSTRALIA: PERTH | MELBOURNE | BENDIGO | NEWCASTLE
INTERNATIONAL: CHILE | PERU | INDIA | CHINA | NORTH AMERICA

www.hofmannengineering.com