

FABRICATION SERVICES



MB Century offers a team of highly qualified welders and fabricators who provide the experience and knowledge to meet all customer requirements.

Advanced Equipment

The latest welding technology is available including; flux core, RMD and STT. The technology is complemented by welding processes SMAW, GMAW, SAW and GTAW of carbon and exotic steels, stainless steel and aluminium.

Quality

MB Century's Fabrication workshop is certified by Telarc to ISO 9001 and inhouse QA/QC procedures allow for confidence in the manufacturing process.

Welding work is carried out in accordance with ASME IX AWS D1.1 and AS/NZS 1554.1. Pressure vessel construction is carried out to BS5500 or ASME VIII. Construction of pipework, including geothermal and petrochemical lines, is carried out to the requirements of ASME B31.1 and B31.3.

Workshop Facilities

MB Century's Fabrication workshop has the capability to undertake the following services:

- > Subarc Welding
- > Plate Rolling
- > Furnace Stress Relieving
- > Profile Cutting
- > Air Plasma Cutting

Projects

Projects that have been undertaken by MB Century's Fabrication workshop include:

- > Geothermal pipelines at the Ohaaki, Wairakei, Kawerau, Rotokawa, Ngawha, Nga Awa Purua and Mokai Power Stations

- > Piping and well test equipment for the Lihir Island geothermal project
- > Pressure vessels in all major New Zealand geothermal fields (BS 5500)
- > Natural gas piping for municipal reticulation
- > LPG tanks for automatic use (ASME VIII)
- > Specialised repair work on the Auckland Harbour bridge
- > Oil storage tanks for altex Oil (NZ) Ltd
- > Miraka steam supply plant construction
- > Equipment overhauls and facilities maintenance for hydro and geothermal power stations.