

Transformer Overhauls and Rewinds

Overhauling or upgrading your transformer can be a cost and time effective alternative to capital expenditure on new equipment.

Our transformer overhaul work is undertaken in our purpose built transformer facilities in QLD and NSW with all work undertaken in house by our qualified and professional staff.

Our workshops have the capacity to overhaul transformers up to 75MVA 132kV weighing up to 80 tonnes.

Our transformer overhaul work includes:

- Transformer upgrades
- Replacement of gaskets and service bushings
- Winding repairs and replacement
- Controlled oven drying of windings
- Testing and filtering of oil including a mobile Fuller's Earth Oil Treatment facility
- Tank repairs and modifications, repainting, vacuum and pressure testing
- Fitting of additional protection devices and cable boxes
- Tap changer service or replacement
- Oil leak repairs
- Full testing to Australian Standards

Features

- + Oil storage, filters vacuum filling and drying equipment to process all forms to oil including mineral oils, silicon oil, MIDEL, FR3 and other specialist fluids
- + Four drying ovens rated up to 220°C including a vacuum oven
- + A comprehensive high voltage test bay with 1000kV/75kJ impulse generator, DDF, SFRA, PD, noise level, temperature rise and harmonic testing
- + In-house fabrication facilities

