

## GEARBOX FULL LOAD TESTING

- Wind Turbine drives
- Truck Final drives including the AC motor to 1000kW
- Conveyor drives

*Since 1969 Hofmann Engineering has provided specialist engineering services to Australia's industry leaders.*

*Quality Assurance accreditation by Bureau Veritas complements our total quality culture.*

*Our commitment to continuous quality improvement touches every aspect of our products, services and customer support.*

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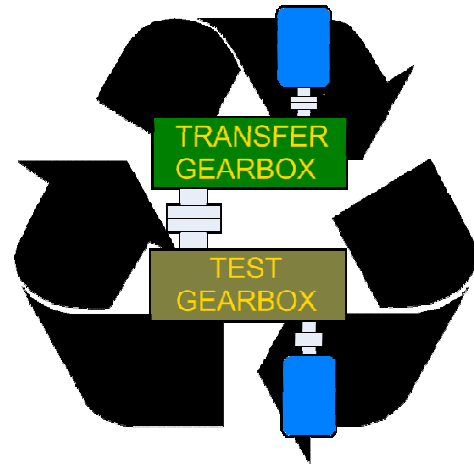


***Hofmann Engineering can fully load test your new or refurbished gearbox before it even leaves the factory***

The gearboxes are electronically "torqued" against each other using Siemens technology in a back-to-back arrangement, The rig is capable of full load testing to 2000kW

Capacity:

- 2,000 kW power (1000kW as shown)
- 5,500 Nm input torque
- 2,700 rpm input speed
- 12m x 8m floor plate allowing any gearbox configuration
- Customisable Load Test sequence



This allows us to check:

- Loaded contact
- Noise and vibration levels
- Cooling capacity
- Bearing temperatures
- Gear mesh temperatures
- Oil temperature
- Oil Cleanliness (ISO4006-1999)
- Functionality of pumps, fans, filters and other lubrication system components