



DANE BALLE

Rotating Equipment Specialist Perth, Western Australia

Aeronautical Engineering- Aircraft Power Plant Level 4 – Gas Turbine Overhaul

*A Turbo-Machinery Specialist with more extensive experience in various roles in Australia and New Zealand. A sound technical knowledge and hands on expertise in **Solar Turbines** & **GE Gas Turbine** applications and their supporting systems in the Oil & Gas, Power Generation and Aviation industries. Strong ability in applying problem solving attitude, experience and skill set to any technical supporting or site execution role that is required.*

Formal Competency

Degree / Trade	✓
Drivers Licence	✓
Police Check	✓
Medical – OGUK	✓
BOSIET / FOET	✓
CA-EBS	✓
MSIC	✓
CSTP	✓
Dogging (DG)	✓
Basic Rigging (RB)	✓
Working at Heights (WAH)	✓
Confined Space Entry (CSE)	✓
Gas Testing Atmos. (GTA)	-

Core Skillset

Mechanical Fitting & Flanges	✓
RE – Best Practice	✓
Solar Turbines – Services	✓
Solar Turbines – Engine Change	✓
Solar Turbines – Laser Alignment	✓
Solar Turbines – Borescope	✓
Solar Turbines – Controls	✓
Solar Turbines – Troubleshooting	✓
Solar Turbines – Strategies (Maint)	✓
Solar Turbines – DGS Thrust	✓
Solar Turbines – DGS Non-Thrust	✓
Solar Turbines – Comp. Change	✓
Solar Turbines – Comp. Align	✓

Machinery Knowledge

Solar Turbines – Saturn 20	✓
Solar Turbines – Centaur 40	✓
Solar Turbines – Centaur 50	✓
Solar Turbines – Taurus 60	✓
Solar Turbines – Taurus 70	✓
Solar Turbines – Mars 90	✓
Solar Turbines – Mars 100	✓
Solar Turbines – Titan 130	✓
Solar Turbines – Titan 250	-
GE – TM / LM2500	✓
GE – LM6000	✓
Dresser Rand (Siemens) Datum	✓

Project History / Achievements

- Complete Borescope inspections of **Solar Turbines** & S20, C50, T60, T70 & **GE** LM2500/6000 machines.
- Offshore and onshore lifting & replacement of **Solar Turbine** S20, T70, M100 engines, **GE** LM2500 engines & replacement of C33/C160 centrifugal compressors.
- Rotating Equipment Specialist covering **Solar Turbines** Generator & Compressor Sets for BHP Petroleum's Assets.
- Rotating machinery surveillance of **Solar Turbines** S20, C40, C50, T60, T70, M100 Gas Turbine Generator & Compressor sets, **Solar Turbines** C33/C160 Centrifugal Compressors.
- Onshore replacement of DGS and Bearings of **Dresser Rand Datum** D6R10B compressor.
- Leading teams up to 20 contractors for large shutdown and services scopes on **Solar Turbines** packages.
- Ladder logic and shutdown troubleshooting, control upgrades and surveillance of **Solar Turbines** machinery.
- Reviewing **Solar Turbines** C160/C33 DGS & Separation seal failures & in-field DGS & Sep Seal replacements.
- Maintenance strategy development for **Solar Turbines** equipment, including critical sparring reviews.
- Provide training in borescope, laser / dial alignment and routine service activities on **Solar Turbines** / **GE** machinery.
- Provide technical advice on vibration, oils & machinery performance for Gas Turbines.