



Dane Balle

Rotating Equipment Technician – Level 4

Perth, Western Australia, Australia.

A Turbo-Machinery Specialist with more than ten years' experience in various roles in Australia and New Zealand. A sound technical knowledge and hands on expertise in Turbomachinery & Rotating equipment 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 Education / Trade

Aeronautical Engineering – Aircraft Power plant Level 4

- New Zealand Qualifications Authority
- Completed March 2011

Aeronautical Engineering – Gas Turbine Overhaul

- New Zealand Qualifications Authority
- Completed March 2011

Aeronautical Engineering (Specialist Support)

- New Zealand Qualifications Authority
- Completed March 2011

Competencies / Training

UKOG / UKOOA	Valid 2020
BOSIET (FOET)	Valid 2021
CA-EBS	Valid 2021
MSIC	Valid 2021
CSTP	Valid 2023
Advanced Rigging	Valid 2022
Working at Heights	Valid 2021
Confined Space Entry	Valid 2021
Elevated Work Platform	Valid 2020
Passport – NZ	Valid 2028

Core Skillset

Aeroderivative Gas Turbines ✕

LM2500 & LM6000 ✕

Solar Turbines Gas Turbines ✕

Centrifugal Gas Compressors ✕

Dry Gas Seal Replacement ✕

Routine RE Service Work ✕

Alignment – Laser & Dial ✕

Machinery Troubleshooting ✕

Borescope Inspections ✕

Site Project Management ✕

Formal Employment History

Rotation Solutions Pty Ltd – Perth, Western Australia

- Rotating Equipment Technician
- January 2018 - Present

BHP Petroleum – Perth, Western Australia

- Gas Turbine Technician / Maintenance Planning Specialist
- October 2015 to December 2017

Solar Turbines – Fleet Manager / FSR – 2013 - 2015

Granite Services – Field Service Representative – 2013 - 2014

Air New Zealand – Gas Turbine Technician – 2008 - 2013

Project History / Achievements

- Experienced in Gas Turbines, Generators, Centrifugal Compressors, Gearboxes and their respective sub systems.
- Repair and overhaul LM2500 and LM6000 gas turbine engines.
- Complete Borescope inspections of GE & Solar Turbines machines.
- Offshore lifting & replacement of Solar Gas Turbines.
- Offshore lifting & replacement of Solar Centrifugal compressors.
- Solar Turbines C160 Dry gas seal & Separation seal replacement.
- Executing Laser and dial alignment on compressor & generator sets.
- Specialist mechanical support for installation of new packages.
- Ladder logic and shutdown troubleshooting, control upgrades and surveillance of Solar Turbine machinery.
- Maintenance strategy development for high speed rotating equipment, including critical sparring reviews.
- Remote monitoring and trend analysis of Turbomachinery.
- Plan, execute and supervisor up to 20 contractors on major equipment shutdowns, including all ancillary / BOP equipment.
- Provide training in Borescope, Laser alignment, Dial alignment and routine service activities on gas turbines.
- Provide technical advice on vibration, oils & machinery performance.
- Execution of process piping flange management activities.

Site Review Ratings

★★★★★ (4.71)

“Expertise that exceeds the OEM”

- Maintenance Supervisor,
Offshore FPSO

★★★★★ (4.60)

“Knowledge of DGS that allowed us producing again within 1 day”

- Gas Plant Superintendent

★★★★★ (4.83)

“Troubleshooting ability solving a 2-month old issue”

- Mine Site Supervisor