



Steven Thorne

Rotating Equipment Technician – Level 4

Perth, Western Australia, Australia.

A Turbo-Machinery and Rotating Equipment Specialist with more than twenty years' experience in various roles in Australia in the energy and marine sectors. Formally trained in electronics with strong experience in controls, instrument and electrical, mechanical, troubleshooting and major maintenance and commissioning. Extensive history in front-line project hands-on execution, project management, personnel management, contracts and specialist parts.

Formal Education / Trade

Engineering (Electrical / Electronic Trade) – Certificate IV

- The Royal Australian Navy
- Completed September 2004

Business (Frontline Management) – Certificate IV

- The Royal Australian Navy
- Completed September 2006

Competencies / Training

UKOG / UKOOA	Valid 2022
CSTP	Valid 2020
Passport – Aus	Valid 2025
Drivers License	Valid 2022
TT4 Allen Bradley PLC Programming	
Solar Turbines Operations/Maintenance	
SoLoNOx Fuel Systems	
Caterpillar Leadership Training	

Core Skillset

Control, Instrument & Electrical ✕

Commissioning ✕

Solar Turbines Gas Turbines ✕

Centrifugal Gas Compressors ✕

Power Generation Equipment ✕

Routine RE Service Work ✕

Alignment – Laser & Dial ✕

Machinery Troubleshooting ✕

Borescope Inspections ✕

Site Project Management ✕

Formal Employment History

Rotation Solutions Pty Ltd – Perth, Western Australia

- Service Manager & Rotating Equipment Technician
- August 2020 - Present

Solar Turbines – Asia Pacific

- Project Applications Engineer
- June 2018 to August 2020

Solar Turbines – Field Service Supervisor – 2015 - 2018

Solar Turbines – Field Service Rep (Level II & III) – 2011 - 2015

SAAB Systems Australia – Systems Support Technician – 2009 – 2011

Royal Australian Navy – Various Roles – 1998 – 2008

Project History / Achievements

- Experienced in Gas Turbines, Generators, Centrifugal Compressors, Gearboxes and their respective sub systems.
- Specialist Instrument, Controls, Logic and mechanical support for installation of new packages – major project commissioning.
- Provide technical and hands on support for all gas turbine repairs, servicing, commissioning of instrumentation, power generators, mechanical components, and gas compressors.
- Complete Borescope inspections of Solar Turbines machines.
- Offshore lifting & replacement of Solar Gas Turbines.
- Offshore lifting & replacement of Solar Centrifugal compressors.
- Executing Laser and dial alignment on compressor & generator sets.
- Ladder logic and shutdown troubleshooting, control upgrades and surveillance of Solar Turbines machinery.
- Maintenance strategy development for high speed rotating equipment, including critical sparring reviews.
- Remote monitoring and trend analysis of Turbomachinery.
- Commissioning of T60 & T70 mechanical drive units driving Dresser-Rand gas compressors, and S20 power generation packages.
- Gas fuel commissioning and demonstration of Western Australian Gas Standards Act compliance.
- Deliver training to the Australian region Field Employees for the implementation and rollout of Work Force Management, including support to Field Employees as the Business Process Lead

Site Review Ratings

NOTE: New Addition to the Rotation Solutions Team – Employee is yet to receive formal feedback from Site activities.