



STEVE VAJAS

Rotating Equipment Engineer – Level 3
Perth, Western Australia

Bachelor of Engineering – Mechanical Engineering (Hons) – First Class Honours

*Experienced Mechanical Engineer with a demonstrated history of working in the Offshore & Onshore Oil & Gas industry. Skilled in **Solar Turbines** Gas Turbine Surveillance, Gas Compressor Operation, Generator Sets, Dry Gas Seal Systems and Package Maintenance Strategies. Strong operations & service professional with a proven skill in onsite shutdown supervision, leading teams to safe, on-time & on-budget Service Delivery.*

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	-
Solar Turbines – C160 Comp.	✓
Solar Turbines – C33 Comp.	✓
GE – TM / LM2500	-
GE – LM6000	-

Project History / Achievements

- Rotating Equipment Engineer covering **Solar Turbines** Generator & Compressor Sets for BHP Petroleum's Assets.
- Lead Machinery Engineer based out of Singapore for BHP Petroleum's Pyrenees FPSO Drydock project in 2018.
- Rotating machinery surveillance of **Solar Turbines** S20, C50, T70 Gas Turbine Generator & Compressor sets, Solar Turbines C33/C160 Centrifugal Compressors & Multi-stage Pumps.
- Implementation and Improvements of **Solar Turbines** Maintenance plans & Strategies.
- Engineering change on **Solar Turbines** Packages, including software/logic upgrades through change process.
- Leading teams up to 20 contractors for large shutdown and services scopes on **Solar Turbines** packages.
- Upgrade to **Solar Turbines** C160 /C33 Dry Gas seal system including flow & temperature monitoring improvements.
- Reviewing **Solar Turbines** C160 /C33 DGS & Separation seal failures, including associated ancillary equipment troubleshooting on OEM supplied package regulators, heat tracing, flow transmitters, etc.
- Mid Term failure & Critical spare reviews and analysis for **Solar Turbines** Compressor Packages
- Implementation & coordination of vibration & Oil con-mon program for **Solar Turbines** S20 & T70 packages.
- On-going engineering support & site supervision for flange make-up & integrity on **Solar Turbine** engines.