



Steve Vajas

Rotating Equipment Engineer – Level 3

Perth, Western Australia, Australia.

Experienced Mechanical Engineer with a demonstrated history of working in the Offshore and Onshore Oil and Gas industry. Skilled in rotating equipment, engineering change, operations, maintenance, machinery surveillance, project management and troubleshooting. Strong operations and service professional with a proven history of onsite execution supervision, leading teams to safe, on-time, on-budget and incident free project delivery.

Formal Education / Trade

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

- Curtin University of Technology, Perth, WA
- Completed 2013
- Awarded Top Mechanical Engineering Student over degree

Competencies / Training

UKOG / UKOOA	Valid 2020
BOSIET (FOET)	Valid 2020
CA-EBS	Valid 2022
MSIC	Valid 2022
CSTP	Valid 2023
Working at Heights	Valid 2022
Confined Space Entry	Valid 2022
Passport – Australia	Valid 2022
Drivers Licence – WA	Valid 2022
VCAT I – Mobius Inst.	Valid N/A
ASME B31.1 – EngAust	Valid N/A
Bolted Flanges – IES	Valid N/A
Wet Seal / DGS – JC	Valid N/A

Core Skillset

Rotating Equipment ✕

Project Engineering ✕

Solar Turbines - Gas Turbines ✕

Solar Turbines - Gas Compressors ✕

Dry Gas & Wet Seal Systems ✕

Machinery Surveillance ✕

Equipment Maintenance Strategies ✕

Installation & Commissioning ✕

Engineering Management of Change ✕

Flange Management & Piping ✕

Formal Employment History

Rotation Solutions Pty Ltd – Perth, Western Australia

- Rotating Equipment Engineer
- November 2018 - Present

BHP Petroleum – Perth, Western Australia

- Specialist Mechanical Engineer - Rotating Equipment
- February 2014 to November 2018

BHP Petroleum – Singapore

- Lead Machinery Engineer – Pyrenees FPSO Dry Dock
- February 2018 to August 2018

Project History / Achievements

- Rotating Equipment Engineer for BHP Petroleum's Operated Assets.
- Lead Machinery Engineer based out of Singapore for BHP Petroleum's Pyrenees FPSO Drydock project in 2018.
- Rotating machinery surveillance of Gas Turbine Generator & Compressor sets, Centrifugal Compressors & Multi-stage Pumps.
- Maintenance plans & Strategies for facility wide rotating equipment.
- Engineering change including software/logic upgrades on RE.
- Leading teams up to 20 contractors for routine RE service scopes.
- Upgrade to Pump seal systems including seal design utilising API682.
- Upgrade to DGS & Separation seals, including associated ancillary equipment such as RTDs, regulators, heat tracing & flow transmitters.
- Thermal growth alignment troubleshooting of Hot Oil Pumps.
- Critical spare reviews and analysis for high speed Machinery.
- Performance calculations and forward trends to determine overhaul/ replacement frequency of Production Critical Rotating Equipment.
- Implementation & coordination of vibration & Oil con-mon program.
- On-going engineering support & site supervision for flange make-up, bolted joint integrity and static equipment maintenance / installation.
- Implementation & coordination of flexible hose assembly program.
- Maintenance plans & strategy for PCHE & Plate Pack Exchangers.
- Project / Mechanical Supervisor for Minerva Gas Plant Water Handling upgrade including machinery, piping and structural.

Site Review Ratings

★★★★★ (4.75)

"Focused, consistent & highly reliable"

- Engineering Manager, O&G Operator

★★★★★ (4.60)

"Attention to detail & team communication"

- Project Engineer, Major Projects Team

★★★★★ (4.90)

"Steve was an asset to the team during the entire dry dock"

- Manager, Specialist Projects