



Josip Rados

Mechanical Engineer – Level 2

Perth, Western Australia, Australia.

Formal Education / Trade

Bachelor of Engineering – Mechanical Engineering

- Edith Cowan University, Perth, WA.
- Completed 2018.

Bachelor of Technology – Motorsport

- Edith Cowan University, Perth, WA.
- Completed 2018.

Competencies / Training

UKOG / UKOOA	Valid 2021
BOSIET (FOET)	Valid 2023
CA-EBS	Valid 2023
MSIC	Valid 2021
CSTP	Valid 2023
Working at Heights	Valid 2021
Confined Space Entry	Valid 2021
Dogging	Valid 2024
Basic Rigging	Valid 2024
Flange Management	Valid 2023
Passport – Australia	Valid 2021
Drivers License – WA	Valid 2022

Core Skillset

Rotating Equipment X

Project Engineering X

Solar Turbines - Gas Turbines X

Solar Turbines - Gas Compressors X

Dry Gas Seal Replacements X

Maintenance Strategies X

AutoCAD & Solid works Designs X

Installation & Commissioning X

Gas Turbine Package Assessments X

Flange Management X

A highly driven and hardworking individual that values honesty, integrity and accountability. Professionally educated with two degrees in Motorsports and Mechanical Engineering, with focus to advance knowledge in the Rotating Equipment industry for engineering and site execution. Proven experience working as a Maintenance Management Engineer with advanced on-site construction and mechanical experience. Experience in scope development and execution for Turbomachinery, including Solar Turbines – Gas Turbine Compressor and Generator Sets. History of working in the offshore and onshore Oil & Gas industries, executing gas turbine, centrifugal compressor and routine service work activities and reporting.

Formal Employment History

Rotation Solutions Pty Ltd – Perth, Western Australia

- Mechanical Engineer
- May 2019 - Present

Schneider Electric – Perth, Western Australia

- Mechanical Engineer – Maintenance Management
- December 2016 – February 2017

Project History / Achievements

- Development of maintenance procedures and routines for Gas Turbines and Centrifugal compressors.
- Advanced workpack development for Rotating Equipment in mining & onshore / offshore Oil & Gas industries.
- Developed knowledge of Engineering Management & commissioning methods / procedures.
- Development of engineering and maintenance work instructions for Laser Alignment.
- Execution of service activities on Solar Turbines Gas Turbines.
- Execution of engine replacements for Taurus 70 Gas Turbines.
- Replacement of Dry Gas Seals on Solar Turbines C160 compressors.
- Experience in interpreting engineering drawings, 3D modeling, and computed aided drafting design.
- Precision measurement, design and fabrication of tooling equipment for Dry Gas Seal replacements on Centrifugal compressors.
- Site flange management execution for process piping.
- Scope development and assessment for hot bolting activities.
- Hands-on execution of maintenance activities on small engines and mechanical components.
- Seamless integration into small and large size engineering/project teams both office and site based.
- Use of MMS software for work management activities, JSEA creation and site execution reporting.
- Development of in-house training programs for engineering activities.

Site Review Ratings

★★★★★ (4.70)

“Great communication & reporting”

- Offshore Maintenance Supervisor, FPSO

★★★★★ (4.60)

“Workpack met all technical criteria”

- Rotating Equipment Engineer

★★★★★ (4.90)

“Josip’s attention to detail was critical for safe execution”

- Onshore Gas Plant Super