



## JAKE KONSOLIS

Mechanical Engineer – Level 2  
Perth, Western Australia

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

*Formally trained Mechanical Engineer with a history of working on machinery routine servicing and repairs. Skilled in troubleshooting, maintenance, project management, maintenance strategy and hands-on execution. Proven ability of working onsite in the Oil & Energy sectors on **Solar Turbines & GE** equipment, to execute major outages. Experience in engineering design and capital projects for package upgrades.*

### 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

- **Solar Turbines** Taurus 60 & Titan 130 gas turbine engine changeouts.
- **GE** LM6000 gas turbine engine changeout, including routine servicing and package inspection checks.
- 3D modelling design, prototype, and manufacture of custom precision laser alignment tooling for turbomachinery.
- Turbomachinery package inspections, services, filter changes and corrective scopes for multiple OEMs.
- Development of maintenance strategies & corrective works planning (resources, parts, schedule) for machinery.
- Development of engineering work packs for onsite executions of **Solar Turbines** machinery.
- Developed knowledge of engineering management, commissioning methods/procedure and operating and maintenance manuals for **Solar Turbines & GE** equipment.
- Project management of small capital projects – documentation, programming, commission and managing subcontractors for **Solar Turbines** machinery.
- Building bespoke graphics, dashboarding and user packages for control systems and integrated devices.
- Control's programming and commissioning of complex integrated blowers, coolers, and filtering systems.
- Hands-on execution of maintenance and rebuild activities on small engines and mechanical components.