

Member of the SGS Group



Redback™ Drilling Tools & Manufacturing is a trusted Australian precision engineering company with over 40 years of experience delivering mission-critical components for high-compliance industries.

Current as at: May 2025

Capabilities

- Sovereign-certified facilities in Wingfield, Moomba (South Australia), and Toowoomba (Queensland)
- Machining and manufacture of critical components for defence, energy, and high-compliance sectors
- AIC commitment and full traceability
- Machine tolerances of $\pm 0.001"$ or $\pm 0.0254\text{mm}$
- Suite of Industrial Automation and Safety System solutions

Discriminators

- Over 40 years' experience delivering mission-critical components to high-compliance industries
- Secure, scalable support for Defence primes, platform sustainment, and sovereign capability
- Low-volume, high-complexity components for prototyping and platform integration

Product

- End-to-end engineering and drafting support, 2D/3D modelling, API-compliant
- Custom development for niche Defence and defence-adjacent applications.
- Precision CNC turning and milling for complex and high-tolerance components
- Standard and premium threading services, including full repair and recertification
- Wellhead and pressure-rated component manufacture (API 6A)
- Structural welding, hard facing, and fabrication for mechanical assemblies
- Lifecycle extension solutions, repair and overhaul services
- In-house NDT and hydrostatic testing for critical assurance
- Assembly and breakout services for threaded mechanical systems
- Patented Redback Roller Reamer - a globally recognised downhole tool engineered for extreme environments

Associations & Memberships



Quality Standards & Accreditations



ISO 9001
ISO 45001
ISO 14001
ISO 27001**



Global Partners

- Chevron
- Occidental Petroleum
- Exxon Mobil
- Halliburton Worldwide
- Santos
- Beach Energy

*Sponsored members

**In progress