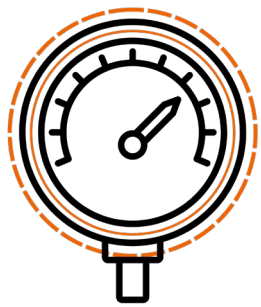


# Pressure Vessels Services

## Field Services

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In partnership with GasCon, we offer certified pressure vessel solutions for the oil & gas, petrochemical, and industrial sectors. As the only ASME “R” Stamp certified facility in Southern Africa, we provide full-scope services for pressure vessel manufacturing, repairs, modifications, and inspections. Our operations are fully compliant with NBIC and ASME standards, ensuring safety, traceability, and regulatory approval.

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### ASME “R” Stamp Certified Facility

- Authorized to perform code-compliant repairs and modifications on pressure vessels, with certification issued under the ASME “R” Stamp program

### Pressure Vessel Manufacturing (RSA)

- Local manufacturing of pressure vessels in South Africa to ASME U/ U2 and other global standards, designed to meet project-specific and regulatory requirements.

### NBIC Electronic Registration

- All “R” stamp activities—repairs, alterations, and modifications—are electronically registered and endorsed by an Authorized Inspection Authority (AIA), ensuring full NBIC compliance.

### Pressure Vessel Repairs & Modifications

- Code-compliant alterations, rerating, and repairs performed with engineering review, ASME/NBIC verification, and full certification to ensure safe operation.

### Certifications & Accreditations

- ✓ ISO 9001:2015 – Quality Management System (Bureau Veritas)
- ✓ ISO 3834-2 – Welding Fabrication Certification
- ✓ SAIW Certified Fabrication Workshop
- ✓ SELO Certified – China pressure equipment export
- ✓ PD 5500, EN 13458/13530, ADR/RID – European compliance
- ✓ SANS 347 / PER – South African compliance



# Pressure Vessels Services

## Field Services

### Design & Engineering

- 2D/3D layout and isometric drawings, P&IDs, general arrangements, material take-offs, and stress analysis to ASME B31.1/B31.3, SANS 347, and PER.

### Pipe Fabrication

- Pipe cutting, rolling, bevelling, and spool assembly; coded welding (SMAW, GTAW, GMAW); hydrostatic and pneumatic pressure testing; NDT (VT, RT, UT, PT).

### On-Site Installation

- Installation of high-pressure carbon and stainless steel piping systems, flange assembly, field welding, flushing, and pressure testing.



### Non-Destructive Testing (NDT)

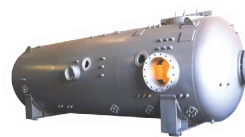
- PT (Dye Penetrant Testing)
- UT (Ultrasonic Testing)
- RT (Radiographic Testing)
- MT (Magnetic Particle Testing)
- Other advanced techniques for weld, material, and structural integrity evaluation.



Drum (Carbon Steel / Stainless Steel)



Hydrogen Storage Vessel



Decompression Chamber



Separation Vessel



Diving Bell

### Structural Steel Services

- Fabrication and maintenance of walkways, platforms, stairs, and pipe racks, including on-site modifications and corrosion protection.

### 3D Laser Scanning & Reverse Engineering

- High-accuracy FARO Focus S70 scanning for out-of-roundness analysis, model overlays, and design validation.

### Contact Us



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