

Maxwell & Higgs Pty Ltd

Capability Statement

Sovereign Australian Engineering for Defence Platforms

■ Company Overview

Maxwell & Higgs Pty Ltd is a 100% Australian-owned engineering and manufacturing company headquartered at 6/94-102 Keys Road, Moorabbin, VIC 3189. Founded in 2007, the company brings 25+ years of harsh-environment engineering expertise and 60+ years of combined leadership experience spanning defence, automotive, and marine sectors.

■ Key Facts

Founded	2007	Ownership	100% Australian-owned
ABN	Available on request	Location	6/94-102 Keys Rd, Moorabbin VIC 3189
Employees	SME	DISP Status	Pathway initiated
QMS	ISO 9001-aligned	Contact	sales@zivor.com.au 1300 062 343

■ Core Capabilities

1. Ruggedised Protection Systems Stone chip, corrosion, UV, and vibration protection for vehicles and platforms operating in harsh Australian environments. Flagship product: D-Flector protection systems.	2. Metal Fabrication CNC machining, laser cutting, MIG/TIG welding in steel, stainless steel, and aluminium alloys. Full dimensional inspection.
3. Thermoplastic Engineering Injection moulding, extrusion, and thermoforming in PP+GF25%, PVC, EPDM, ABS, and composite materials.	4. CAD & FEA Engineering SolidWorks and AutoCAD modelling with Finite Element Analysis for stress, vibration, and thermal validation.
5. Testing & Certification In-house and third-party validation to ASTM D3170 (stone chip), ASTM B117 (salt spray), ASTM G154 (UV), ISO 16750-3 (vibration).	6. Assembly & Integration Multi-material assembly cells with integrated QA checkpoints and full traceability documentation.

■ Defence Applications

Land Platforms: Vehicle protection systems, mounting brackets, chassis components, deployable storage for armoured vehicles, logistics trucks, and training fleet.

Maritime Platforms: Marine-grade protection systems validated to ASTM B117. Mechanical outfitting for patrol and littoral vessels.

Aerospace & Ground Support: Ruggedised GSE — maintenance stands, transport cradles, protective covers, field-deployable workshop equipment.

■ Leadership

Barney Sharma, Managing Director — Former programme leader at Rheinmetall (LAND 400). Senior engineering experience from Toyota, VW, and Ford. Deep understanding of PFMEA, PPAP, and defence procurement.

■ Quality & Compliance

ISO 9001-aligned Quality Management System

DISP pathway initiated

Testing to ASTM D3170, ASTM B117, ASTM G154, ISO 16750-3

Full PPAP documentation capability (Levels 1-5)

PFMEA, Control Plans, Inspection Records

■ Australian Industry Capability (AIC)

100% Australian-owned — no foreign parent company

All design, manufacturing, and assembly performed in Australia

Pre-packaged AIC data available for bid teams

Every dollar spent with Maxwell & Higgs is Australian Industry Content

■ Contact

Maxwell & Higgs Pty Ltd

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