



100% Australian Owned & Operated Defence & Space Qualification Testing Services

Established in 1973, Vipac Engineers & Scientists has organically grown to become one of Australia's leading engineering testing laboratories and consultancies.

Capabilities

- > Dynamics & Structural Integrity Analysis
- > Computer Simulation (FEA & CFD)
- > Noise & Vibration Assessments
- > Weapons Noise Testing
- > Acceleration Testing
- > High Altitude Testing
- > High Amplitude Shock Testing
- > Hydrostatic Pressure Testing
- > Inclination Testing
- > Ingress Protection Testing
- > Mechanical Load & Fatigue Testing
- > Salt Spray & Corrosive Atmosphere Testing
- > Temperature & Humidity Testing
- > Vibration & Shock Testing
- > Monitoring (HUMS), Data Acquisition & Diagnostics

Discriminators

- > Over 50 Years of Experience
- > Over 120 Qualified Personnel
- > Services in Melbourne, Brisbane, Adelaide, Sydney
- > Security Clearances up to NV1
- > A Reputation for Quality
- > Preferred Supplier at Prime Industry Forums
- > Cost Effective with Fast Turnarounds
- > Able to Design and Manufacture Bespoke Testing Fixtures

Key Customers

Defence

- > ASC
- > Australian Defence Force
- > BAE Systems
- > BMT Group
- > EOS Systems
- > DroneShield
- > Leidos
- > New Zealand Defence Force
- > Raytheon Australia
- > Rheinmetall
- > Royal Australian Navy
- > Saab

Aerospace

- > ELO₂ Consortium
- > Airbus
- > Boeing
- > Lockheed Martin
- > Northrop Grumman
- > Skykraft
- > THALES Group
- > Trakka Systems

Key Markets

- > Defence & Aerospace
- > Marine
- > Mining
- > Oil & Gas
- > Rail & Transport
- > Building & Infrastructure
- > Cybersecurity
- > Industrial Occupation
- > Whitegoods

Qualifications & Certifications

- > A2LA Accredited
- > NATA Accredited, IEC/ISO 17025
- > BSI ISO 45001, ISO 9001, ISO 14001, and ISO 27001
- > Registered RSP No. 15701
- > Member of the DISP
- > Recognised by the ABS

Applicable Standards

Defence

- > DEF(AUST)5000
- > DEF-STAN 00-35
- > MIL-STD 167, 202, 810
- > NATO
- > RTCA DO-160F
- > NASA GSFC-STD-7000
- > SpaceX Falcon User Guide

Environmental Testing

- > AS IEC 60068.2
- > AS/IEC 60529
- > BS EN 50125-3:2003
- > BS EN 50155:2007
- > IEC 61373:2010





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