

# CERTIFICATE OF ACCREDITATION



**Under pressure testing limited**

**Client Number 5677**

4 Four Peaks Drive, Wigram, Christchurch, 8025  
52B Hayton Road, Wigram, Christchurch, 8042

**Telephone 03 343-3530**

**Authorised Representative**

Mr Nigel Bowley  
Managing Director

**Programme**

Gas Cylinder Testing Laboratory

**Accreditation Number 606**

**Initial Accreditation Date 16 April 1996**

**Conformance Standard**

NZS ISO/IEC 17025:2018


General requirements for the competence of testing and calibration laboratories

**Laboratory Services Summary**

- 4.54           Cylinders and other Pressure Vessels
- 4.55           Pipes, Hoses, Valves and Fittings

**Key Technical Personnel**

- Mr Michael Bowley                   4.54, 4.55
- Mr Nigel Bowley                     4.54, 4.55
- Mr Thomas Lee                       4.54 (LPG only)

Operations Manager Authorisation:		Issue 42	Date: 17/06/25	Page 1 of 3
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**4.54 Cylinders and other Pressure Vessels**

**Tests on the following gas cylinders with water capacities from 1.0 litres to 499 litres:**

Industrial High Pressure Seamless Cylinders

Carbon Dioxide, Nitrogen, Oxygen, and other non-flammable gases (excluding toxic (class 6.1) gases)

Breathing Air

SCUBA and SCBA (metal cylinders)  
SCBA FRP (excluding non-metallic liners)

Low Pressure Welded Cylinders

Portable LPG - Externally valved cylinders (excluding stainless steel)  
Portable LPG - Internally valved cylinders ("Primus" type) Visual only  
Refrigerant gases – Externally valved cylinders which have been purged prior to entry into the test station

Automotive

LPG (excluding stainless steel)

Fire Extinguishers

High Pressure  
Low Pressure (thin walled)

**The following tests in accordance with in-house test methods based on AS 2337.1 and AS 2337.3**

Mass check (1 kg to 220 kg)

External examination

Internal examination

Hydrostatic stretch and Proof pressure tests using the:

(a) Non-water jacket method for pressures of 1.2 MPa to 6.0 MPa and 12 MPa to 57 MPa

**The following tests in accordance with DOT SP10915, DOT SP10945 and EN 12245**

Hydrostatic tests for elastic expansion using the:

(a) Water jacket method for pressure of 20 MPa to 70 MPa

**4.55 Pipes, Hoses, Valves and Fittings**

**(a) Hydraulic Pressure Tests**

AS/NZS 60335.2.89:2010

Clause 22.103

Proof Pressure Test

Operations Manager Authorisation:		Issue 42	Date: 17/06/25	Page 2 of 3
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Clause 22.7 Proof Pressure Test

Or an in-house method based on this or other specifications supplied by the client.

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Operations Manager  
Authorisation:

A handwritten signature in black ink, appearing to read 'A. H. O. M. A.', is written over a light blue background.

Issue 42

Date: 17/06/25

Page 3 of 3