

Laboratory Accreditation Programmes

Schedule to

CERTIFICATE OF ACCREDITATION



New Zealand Steel Limited

Client Number 39

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Authorised Representative

Mr Schalk Bester
Principal Metallurgist

Programme

Mechanical Testing Laboratory

Accreditation Number 965

Initial Accreditation Date 10 January 2006

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

4.76 Metals and Metal Products

Key Technical Personnel

Mr Schalk Bester 4.76

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Mechanical Testing Laboratory
SCOPE OF ACCREDITATION

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4.76 Metals and Metal Products

(a) Tension tests on steel samples up to 1000 kN in accordance with the following methods

- AS 1391:2020
- ASTM A370-17a
- ASTM E8/E8M-22
- ISO 6892-1:2019
- JIS Z 2241:2011

(c) Bend tests on thin steel samples to 180 degrees in accordance with the following methods

- AS 2505.1:2004
- ASTM E290-22
- ISO 7438:2016
- JIS Z 2248:2006

(e) Hardness tests in accordance with the following standards

Rockwell hardness tests in B, C and 30 T scales to the following specified methods

- AS 1815.1:2007
- ASTM E18-22
- ISO 6508.1:2016
- JIS Z 2245:2016

(f) Impact tests in accordance with the following standards

Charpy impact tests at temperatures between -40 °C and Ambient

- AS 1544.2:2003

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