Laboratory Accreditation Programmes

Schedule to

# CERTIFICATE OF ACCREDITATION

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**Pacific Steel NZ Ltd** **Client Number 9394**
Rolling Mill Test House

PO Box 22041, Otahuhu, Auckland, 1640
193 James Fletcher Drive, Otahuhu, Auckland, 2024

**Telephone 09 276-1849** **www.pacificsteel.co.nz**

**Authorised Representative**
Malcolm Chandler
Quality Assurance Manager

**Programme**
Mechanical Testing Laboratory

**Accreditation Number** 1233 **Initial Accreditation Date** 31 October 2016

**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 Sarwan Brar | 4.76 |
| Mrs Criselda Torres | 4.76 |



*IANZ; Building 7, Central Park, 660-670 Great South Road, Ellerslie, Auckland 1051*
*Private Bag 28908, Remuera, Auckland 1541*
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Pacific Steel NZ Ltd
Mechanical Testing Laboratory
**SCOPE OF ACCREDITATION**

Accreditation Number 1233

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## 4.76 Metals and Metal Products

### (a) Tension tests

**On reinforcing steel in accordance with the following standards in the load range to 2000 kN**

| | |
|---|---|
| AS 1391:2020 | Metallic materials tensile testing at ambient temperature |
| ASTM A370-26 | Test Methods and Definitions for Mechanical Testing of Steel Products |
| Section 7 | Tension Test |
| ASTM E8/E8M-25 | Tension Testing of Metallic Materials |
| ISO 6892-1:2019 | Metallic materials – Tensile testing – Method of test at room temperature |

### (c) Bend tests

**In accordance with the following method**

In-house method PR-4050-323

### (h) Other tests

**In accordance with the following standards**

| | |
|---|---|
| ISO 15630-1:2019 | Steel for the reinforcement and prestressing of concrete – Reinforcing bars, rods and wire |
| Clause 5 | Tensile test at room temperature |

**Mechanical and Geometric Properties Tests in accordance with the requirements of:**

| | |
|---|---|
| AS/NZS 4671 | Steel for the reinforcement of concrete |
| Appendix C3.3 | Mass per unit length of reinforcing steels |

In-house procedures

| | |
|---|---|
| PR-4050-324 | Mass per unit length |
| PR-4050-345 | Bar dimensional measurement |



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