Scope of Accreditation

ACCREDITATION NO: 18918

Hobson Engineering

Hobson Fastener Testing Facility
Unit 2 Warehouse
10 Clay Place
EASTERN CREEK NSW 2766

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FACILITIES: Not available for public testing

This facility complies with the requirements of ISO/IEC 17025:2005

13.01 Metals and metal products

.11 Tension tests on test pieces
Tests with strain rate control in the range 10 kN to 1000 kN including proof stress tests to AS 1391, ASTM A370, ASTM E8, ASTM F606 and ISO 6892.

.21 Brinell hardness tests
By the methods of AS 1816.1, ISO 6506-1 and ASTM E10

.22 Rockwell hardness tests
Tests using B and C scales to AS 1815.1, ASTM E18, ISO 6508.1 and SAE J417

.23 Vickers hardness tests
Tests to AS 1817.1, ASTM E384 and ISO 6807.1

.24 Microhardness tests
Tests at 3.27 N
By the methods of AS 4291.1, ISO898-1 and ASTM F2328

13.08 Threaded fasteners

.11 Tension tests
Breaking load and wedge tensile tests in the range 10 kN to 1000 kN to AS 1252, AS 4291.1, ASTM A370, ASTM F606, ASTM A193, ISO 898.1, ISO 898.2, SAE J429, SAE J1199

.12 Proof tests
Proof load tests on nuts, bolts, screws and studs including determination of stress at 0.2% permanent strain and elongation after fracture in the range 5 kN to 1000 kN by the methods of - AS 1252, AS 4291.1 (ISO 898.1), AS 4291.2 (ISO 898-2), ISO 898-6, DIN 267-4, SAE J429, SAE J995, IFI100/107 and ISO 2320

.21 Drive tests
Drilling and driving tests for self-driving tests by the methods of AS 3566.1 Appendix C, IFI1113 and ISO 10666
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13.90 Microstructural tests on ferrous materials
   .12 Case depth and depth of decarburisation
      Tests to AS 4291.1, ISO898.1, ASTM F2328, ISO 2639 and SAE J423

13.94 Coatings
   .01 Metallic coatings
      Local thickness by microscope to AS 2331.1.1

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(Scope Last Changed 30/06/14)