

Schedule

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MS ISO/IEC 17025

NO: SAMM 496

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LABORATORY LOCATION:
(PERMANENT LABORATORY)

ALPINE PIPE MANUFACTURING SDN BHD
LOT 6085-6089, JALAN HAJI ABDUL MANAN
BATU 5½, JALAN MERU
41050 KLANG, SELANGOR
MALAYSIA

This laboratory accredited under *Skim Akreditasi Makmal Malaysia* (SAMM) meets the requirements of MS ISO/IEC 17025:2005 'General requirements for competence of testing and calibration laboratories'. This Malaysian Standards is identical with ISO/IEC 17025:2005 published by the International Organization for Standardization (ISO).

FIELD OF TESTING: MECHANICAL

SCOPE OF ACCREDITATION:

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Metallic Materials	<u>Tensile Test at ambient temperature</u> Properties Measured: a) Tensile Strength, TS (MPa) b) Yield Stress, YS (MPa) c) Elongation, e (%) Testing Range: 0 ~ 1000kN Resolution: 0.1kN	BS EN ISO 6892-1: 2009 AS 1391-2007 amdt 1-2012 ASTM A 370-16 JIS Z 2241: 2011
	<u>Charpy Impact Test</u> Properties Measured: a) Impact Energy, IE (J) b) Shear Fracture Area % Testing Range: 0 ~ 300J Testing Temperature: -45 ^o ~200 ^o C Resolution: 0.01J	BS EN ISO 148-1: 2010 AS 1544-2: 2003 ASTM A 370-16 JIS Z 2242: 2005 (Reaffirmed) 2014
Metallurgical Analysis (Steel) Elements: C, Si, Mn, P, S, Cr, Mo, Ni, Al, Nb, Cu, Ti, V, Co, Fe, B, N	<u>Chemical Analysis</u> Properties Measured: a) Percentage of Chemical Contents, % Resolution: 0.0001	BS EN ISO 14284: 2002 AS/NZS 1050.1: 1996 ASTM A 751-14a ASTM E 415-15
Metallic Materials C, Si, Mn, P, S, Cr, Mo, Ni, Al, Nb, Cu, Ti, V, Co, Fe, B, N	<u>Chemical Analysis</u> Properties Measured: a) Percentage of Chemical Contents, % Resolution: 0.0001	JIS G 1253: 2013 JIS G 0321:2010

The valid scope of accreditation is in www.ism.gov.my/cab-directories.

Signatories

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