

Testing Laboratory
Accreditation
Certificate

Accreditation No. RTL03420

**MARUICHI STEEL TUBE LTD.
SAKAI PLANT LABORATORY**

**16, Ishizunishimachi, Nishi-ku, Sakai-shi, Osaka, 592-8332,
Japan**

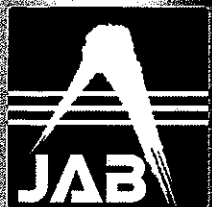
meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said testing laboratory.

Applicable accreditation criteria	: JIS Q 17025:2018 (ISO/IEC 17025:2017)
Scope of accreditation	: Mechanical Testing (As described in the appendix)
Premises covered by accreditation	: As described in the appendix.
Expiry date of accreditation	: October 31, 2027

Revised	September 6, 2024
Renewed	November 1, 2023
Initial accreditation	October 7, 2011


Y. Miki, President

Japan Accreditation Board



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Appendix

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Type of Laboratory	Testing
Name of Laboratory	MARUICHI STEEL TUBE LTD. SAKAI PLANT LABORATORY
Address	16, Ishizunishimachi, Nishi-ku, Sakai-shi, Osaka, 592-8332, Japan

1) Premises on which testing activities are performed

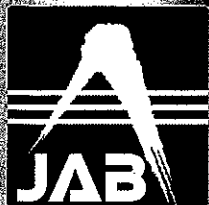
Name of Premises	MARUICHI STEEL TUBE LTD. SAKAI PLANT LABORATORY		
Address of Premises	Postal code	592-8332	
	Address	16, Ishizunishimachi, Nishi-ku, Sakai-shi, Osaka, Japan	
Testing service at permanent facilities or on site testing service		<input checked="" type="checkbox"/> Testing service at permanent facilities <input type="checkbox"/> On site testing service	

Scope of Accreditation

FIELD	M25 Mechanical Testing
CODE OF CIT ^{*1}	M25. A1. 1
NAME OF CIT	Steel and non-ferrous metal

^{*1} CIT: Classification of Item to be Tested^{*2} TCT: Technical Classification of Test

CODE & NAME OF TCT ^{*2}	TEST METHOD STANDARD OR STANDARD OPERATING PROCEDURE (SECTION NO. LIMITED OR EXCLUDED)	TEST CONDITION etc.
B13.1 Tensile strength & elongation test	JIS Z 2241	Test specimen : Plate type, Tubular type, Arc-shaped type, Bar type
	AS 1391	Test force up to 500 kN Except percentage reduction of area
B13.4.1 Charpy impact test	JIS Z 2242 (Annex B to D are excluded.)	Test temperature -50 °C to 0 °C Absorbed energy up to 500 J Radius of striker : 2 mm
	AS 1544.2	Test temperature -50 °C to 0 °C Absorbed energy up to 500 J



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(Notes on Accreditation Certificate)

The laboratory is only accredited for laboratory activities outlined within the methods listed above. Reference to any other activity within these standards, such as risk management or risk assessment, does not fall within the laboratory's accredited capabilities.

When version information of standards or methods are not identified in the scope, laboratories shall adapt to use the current version of such standards within six months at latest from the issued date of current version.

Notes for EMC test laboratory for FCC

Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (<https://apps.fcc.gov/oetcf/eas/>) for a listing of FCC approved laboratories.

Japan Accreditation Board