



JAB



Testing Laboratory
Accreditation
Certificate

Accreditation No. RTL00090

NIPPON STEEL & SUMIKIN TECHNOLOGY Co., Ltd.
Hirohata Unit

1, Fujicho, Hirohata-ku, Himeji-shi, Hyogo, 671-1123 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 17025:2005 (ISO/IEC 17025:2005)
Scope of accreditation	: Chemical testing (As described in the appendix)
Premises covered by accreditation	: As described in the appendix.
Expiry date of accreditation	: November 30, 2021

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system.

The management system requirements in ISO/IEC 17025:2005 meet the principles of ISO 9001:2008 and are aligned with its pertinent requirements.

Renewed (6) September 26, 2017
Initial accreditation November 5, 1997

T. Oda, Chairman
Laboratory Accreditation Committee

Y. Mizuka, President
Japan Accreditation Board

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IAC-MRA

Type of Laboratory	Testing Laboratory
Name of Laboratory	NIPPON STEEL & SUMIKIN TECHNOLOGY Co., Ltd. Hirohata Unit
Address	1, Fujicho, Hirohata-ku, Himeji-shi, Hyogo, 671-1123 Japan

1) Premises on which testing activities are performed

Name of Premises	NIPPON STEEL & SUMIKIN TECHNOLOGY Co., Ltd. Hirohata Unit	
Address of Premises	Postal code	671-1123
	Address	1, Fujicho, Hirohata-ku, Himeji-shi, Hyogo, 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	M26 Chemical Testing
CODE OF CIT*1	M26.A1
NAME OF CIT	Metal : Iron and steel

*1 CIT: Classification of Item to be Tested

*2 TCT: Technical Classification of Test

CODE & NAME OF TCT*2	PROPERTIES MEASURED	TEST METHOD STANDARD / STANDARD OPERATING PROCEDURE
B1.1 Gravimetric analysis: Heating gravimetric analysis	Si 0.82 % to 2.89 %	JIS G 1212 4(1)
B1.1 Gravimetric analysis: Coating mass test	Hot-dip zinc coating mass	JIS H 0401 5.2
	Coating mass of electric zinc-coated steel sheet and strip	
B1.2 Volumetric analysis I: Compleximetric titration	Ni 1.00 % to 24.20 %	JIS G 1216 4(2)
B1.2 Volumetric analysis I: Potentiometric titration	Cr 1.03 % to 24.19 %	JIS G 1217 4 b)
B2.1 Molecular absorption spectrometry: Ultraviolet-visible spectrometry	B 0.0002 % to 0.0102 %	JIS G 1227 4 e)
B2.2 Atomic absorption spectrometry: Flame atomic absorption spectrometry	Pb 0.01 % to 0.24 %	JIS G 1257-12-1

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Address	1, Fujicho, Hirohata-ku, Himeji-shi, Hyogo, 671-1123 Japan

CODE & NAME OF TCT*2	PROPERTIES MEASURED	TEST METHOD STANDARD / STANDARD OPERATING PROCEDURE
B2.4 Atomic emission spectrometry; Spark discharge atomic emission spectric analysis	※1	JIS G 1253
B2.4 Atomic emission spectrometry; ICP-AES	※2	JIS G 1258-2
	※3	JIS G 1258-3
	Coating mass of electric zinc-coated steel sheet and strip	JIS G 3313 annex JI
B3.1 X-ray fluorescent analysis	Coating mass of hot-dipped zinc-coated steel sheet and strip	JIS G 3302 annex JC
	Tin coating mass	JIS G 3303 annex A A.4.2
	Coating mass of electric zinc-coated steel sheet and strip	JIS G 3313 annex JD
	Coating mass of hot-dipped zinc-aluminium-magnesium alloy-coated steel sheet and strip	JIS G 3323 annex C
	Coating thickness	JIS H 8501 13
B4.3 Thermal conductmetry	N 0.0027 % to 0.0444 %	JIS G 1228 4 d)
	N 0.0027 % to 0.417 %	JIS G 1228 4 e) (except annex 5 7.5.1, 7.5.2, 7.5.3)
(Note)		
※1 : C 0.014 % to 0.312 %, Si 0.004 % to 0.80 %, Mn 0.032 % to 1.69 %, P 0.002 % to 0.16 %, S 0.0032 % to 0.041 %		
※2 : Mn 0.019 % to 9.16 %, Ni 0.017 % to 24.20 %, Cr 0.014 % to 24.19 %, Mo 0.011 % to 8.35 %, Cu 0.011 % to 3.39 %, Co 0.020 % to 16.10 %, Ti 0.004 % to 2.12 % Nb 0.0101 % to 2.99 %, W 0.10 % to 6.20 %, V 0.011 % to 1.94 %		
※3 : Si 0.105 % to 1.05 %, P 0.003 % to 0.076 %, Al 0.005 % to 1.23 %		

Japan Accreditation Board