Testing Laboratory

Accreditation Certificate

Accreditation No.RTL00090

NIPPON STEEL TECHNOLOGY Co., Ltd.
Setouchi 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 17025:2018 (ISO/IEC 17025:2017)
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, 2025

Revised	November 2, 2021
Renewed	December 1, 2021
Initial accreditation	November 5, 1997

Y. Iizuka, President

Japan Accreditation Board

Issue No. : RTL00090-20211102

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Accreditation Certificate Appendix

Type of Laboratory	Testing Laboratory
Name of Laboratory	NIPPON STEEL TECHNOLOGY Co., Ltd. Setouchi 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 TECHNOLOGY Co.,Ltd. Setouchi Unit	
Address of Premises	Postal code	671-1123
	Address	1,Fujicho,Hirohata-ku,Himeji-shi,Hyogo,671-1123 Japan
Testing service at permanent facilities or on site testing service		☑ Testing service at permanent facilities □ On site testing service

Scope of Accreditation

FIELD	M26 Chemical Testing
CODE OF CIT*1	M26.A1
NAME OF CIT	Metal

*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 weight measurement	Hot-dip zinc coating mass	JIS H 0401 5.2
	Coting mass of electric zinc-coated steel sheet and strip	JIS G 3313 Annex JF
B1.2 Volumetric analysis I : Complexometric 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)
B2.1 Molecular absorption spectrometry :Infrared spectrometry	C 0.002% to 0.90%	JIS G 1211-3 (except 8.2a),c),10.1)
	S 0.002% to 0.060%	JIS G 1215-4 (except 10.1,10.2) (except C > 0.90%)
B2.2 Atomic absorption spectrometry :Flame atomic absorption spectrometry	Pb 0.01% to 0.24%	JIS G 1257-12-1

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CODE & NAME OF TCT*2	PROPERTIES MEASURED	TEST METHOD STANDARD / STANDARD OPERATING PROCEDURE
B2.4 Atomic emission spectrometry :Spark source atomic emission spectrometry	※1	JIS G 1253
B2.4 Atomic emission spectrometry :inductively coupled plasma atomic emission spectrometry :ICP-AES	※2	JIS G 1258-2
	※3	JIS G 1258-3
	Hot dip galvanized bath Al 0.1% to 15 % Mg 0.1% to 5 % Si 0.01% to 0.5 % Fe 0.01% to 0.1 % Ni 0.01% to 0.1 %	Test methods for hot dip galvanized bath Technical Standard : TS・QI-M-3-07-01-01
B3.1 X-ray fluorescence analysis:XRF	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-aluminum-magnesium alloy-coated steel sheet and strip	JIS G 3323 annex C
B4.3 Specific thermal conductmetry conductivity measurement	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%-

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