



JAB



Testing Laboratory
Accreditation
Certificate

Accreditation No. RTL00120

***JFE Techno-Research Coporation
Fukuyama Division Analysis for production control Dept.***

1, Kokan-cho, Fukuyama-city, Hiroshima, 721-0931 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	: December 31, 2021

Revised (15)	March 4, 2019
Renewed (6)	September 1, 2017
Initial accreditation	December 26, 1997

T. Oda, Chairman
Laboratory Accreditation Committee

Y. Iizuka, President
Japan Accreditation Board

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Type of Laboratory	Testing Laboratory
Name of Laboratory	JFE Techno-Research Coporation Fukuyama Division Analysis for production control Dept.
Address	1, Kokan-cho, Fukuyama-city, Hiroshima, 721-0931 Japan

1) Premises on which testing activities are performed

Name of Premises	JFE Techno-Research Corporation Fukuyama Division , Analysis for production Control Dept.		
Address of Premises	Postal code	721-0931	
	Address	1, Kokan-cho, Fukuyama city, Hiroshima, 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
B2.1 Absorption spectrophotometry: Infrared absorption method	$0.001 \% \leq C \leq 5.0 \%$	JIS G 1211-3 (except 8.5.1)
	$0.0003 \% \leq C \leq 0.010 \%$	JIS G 1211-4
	$0.0005 \% \leq S \leq 0.35 \%$	JIS G 1215-4 (except 7.6.1, 7.6.2)
	$0.0005 \% \leq O \leq 0.06 \%$	JIS G 1239
B2.4 Atomic emission spectrometric analysis: Spark discharge AES	※ 1	JIS G 1253
B2.4 Atomic emission spectrometric analysis: ICP-AES	※ 2	JIS G 1258-1
	$0.001 \% \leq Nb \leq 2.5 \%$	JIS G 1258-4
B3.1 X-ray fluorescence spectrometric analysis (XRF)	※ 3	JIS G 1256

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CODE & NAME OF TCT*2	PROPERTIES MEASURED	TEST METHOD STANDARD / STANDARD OPERATING PROCEDURE
B4.3 Thermal conductivity analysis	$0.0009\% \leq N \leq 0.050\%$	JIS G 1228 4 d)
	$0.00002\% \leq H \leq 0.0012\%$	JIS G 0320 4.2b) Inert gas carrier fusion and thermal conductivity method
(Note)		
※ 1 $0.020\% \leq C \leq 1.00\%$, $0.01\% \leq Si \leq 2.00\%$, $0.09\% \leq Mn \leq 1.80\%$, $0.002\% \leq P \leq 0.150\%$, $0.002\% \leq S \leq 0.040\%$, $0.005\% \leq Cu \leq 1.00\%$, $0.005\% \leq Cr \leq 3.00\%$, $0.01\% \leq Mo \leq 1.00\%$, $0.005\% \leq Nb \leq 0.055\%$, $0.001\% \leq V \leq 0.150\%$, $0.01\% \leq Ni \leq 4.00\%$, $0.0001\% \leq B \leq 0.0080\%$, $0.002\% \leq Ti \leq 0.25\%$, $0.002\% \leq Al \leq 0.095\%$, $0.002\% \leq Sn \leq 0.045\%$		
※ 2 $0.01\% \leq Si \leq 0.60\%$, $0.01\% \leq Mn \leq 2.00\%$, $0.003\% \leq P \leq 0.10\%$, $0.01\% \leq Cu \leq 0.50\%$, $0.01\% \leq Cr \leq 3.00\%$, $0.01\% \leq Mo \leq 1.20\%$, $0.002\% \leq V \leq 0.50\%$, $0.01\% \leq Ni \leq 4.00\%$, $0.001\% \leq Ti \leq 0.30\%$, $0.004\% \leq Al \leq 0.10\%$, $0.003\% \leq Co \leq 0.20\%$		
※ 3 $0.08\% \leq Si \leq 1.00\%$, $0.01\% \leq Mn \leq 3.00\%$, $0.002\% \leq P \leq 0.050\%$, $0.03\% \leq Cu \leq 0.45\%$, $0.01\% \leq Cr \leq 23.00\%$, $0.01\% \leq Mo \leq 3.85\%$, $0.001\% \leq Nb \leq 1.50\%$, $0.001\% \leq V \leq 0.35\%$, $0.01\% \leq Ni \leq 15.00\%$, $0.001\% \leq Ti \leq 0.45\%$		

Japan Accreditation Board