



NIPPON KAIJI KYOKAI

Certificate

Certificate No.
NKY-3037


OF


TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : MG-2CM
 Manufacturer : Kobe Steel, Ltd., Fukuchiyama Plant
 Fukuchiyama, Kyoto, Japan
 Kind : Semi-Automatic Welding Consumable
 Purpose : For 2.25%Cr-1.0%Mo Steel
 Approval Condition :
 Grade : Manufacturer's Specification
 Current : DCEP
 Position : Flat, Horizontal, Vertical Upward and
 Overhead
 Max. Dia. of Wire : F : 1.6mm, H : 1.6mm, VU : 1.6mm
 OH : 1.6mm
 Shield Gas : CO₂
 Guaranteed Values for Manufacturer's Specification : See the reverse side

THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until 29 August 2013.
Issued at Tokyo on 30 August 2012.


 Y. Usuki
 General Manager
 Material and Equipment Department



Note : The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.

Guaranteed Values for Manufacturer's Specification

Chemical Composition : See Table 1

Mechanical Properties : See Table 2

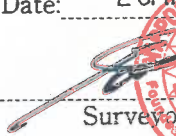



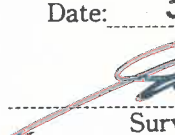








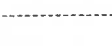
Table 1 Chemical Composition of Deposited Metal (%)

C	Si	Mn	P	S	Cr	Mo	Ti
0.15	0.90	2.10	0.030	0.030	2.10	0.90	0.10
max.	max.	max.	max.	max.	~	~	max.
					2.70	1.20	

Table 2 Mechanical Properties

Deposited Metal Test			Butt Weld Test
Tensile Test			Tensile Test
Yield Point or Proof Stress (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Tensile Strength (N/mm ²)
450 min.	550 min.	15 min.	550 min.



<p>The validity of this certificate has been renewed until <u>29. AUG. 2024</u> .</p> <p>Date: <u>28. AUG. 2023</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>29. AUG. 2025</u> .</p> <p>Date: <u>30. AUG. 2023</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p> Surveyor </p>
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