



NIPPON KAIJI KYOKAI

Certificate


Certificate No.
NKY-2890

TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : CM-2CW
Manufacturer : Kobe Steel, Ltd., Ibaraki Plant
Ibaraki, Osaka, Japan
Kind : Covered Electrode
Purpose : For Cr-Mo-Ni-V Steel
Approval Condition ;
Grade : Manufacturer's Specification
Current : AC or DCEP
Position : Flat, Horizontal and Vertical Upward
Max. Dia. of Electrode : F ; 5.0mm, H ; 5.0mm, VU ; 5.0mm
Guaranteed Values for Manufacturer's Specification
: See the reverse side
Remarks ; For application to the welding of piping system, boilers, pressure vessels,
main propulsion and auxiliary machinery.

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 the 6th day of May, 2010.
Issued at Tokyo on the 7th day of May, 2009.

H. Takano
General Manager
Material and Equipment Department







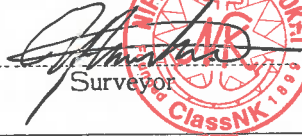


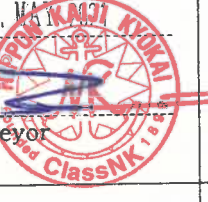

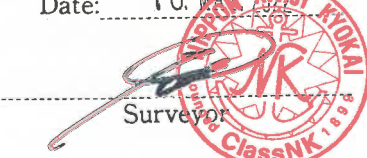

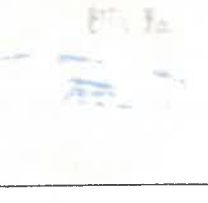
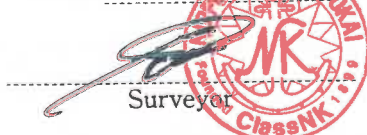


Note : The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.

Required Values in Initial Approval Test ;

Butt weld test	: Tensile Strength $\geq 510 \text{ N/mm}^2$
Deposited metal test	: Yield Point $\geq 531 \text{ N/mm}^2$
	Tensile Strength $\geq 621 \text{ N/mm}^2$
	Elongation $\geq 17\%$

Required Values in Annual Inspections ;

Deposited metal test	: Yield Point $\geq 531 \text{ N/mm}^2$
	Tensile Strength $\geq 621 \text{ N/mm}^2$
	Elongation $\geq 17\%$

<p>The validity of this certificate has been renewed until <u>6. MAY. 2020</u> .</p> <p>Date: <u>14. MAY. 2020</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>6. MAY. 2025</u> .</p> <p>Date: <u>17. MAY. 2024</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>6. MAY. 2021</u> .</p> <p>Date: <u>15. MAY. 2020</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>6. MAY. 2026</u> .</p> <p>Date: <u>16. MAY. 2025</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>6. MAY. 2022</u> .</p> <p>Date: <u>14. MAY. 2021</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>6. MAY. 2023</u> .</p> <p>Date: <u>16. MAY. 2022</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>6. MAY. 2024</u> .</p> <p>Date: <u>15. MAY. 2023</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor </p>

