



NIPPON KAIJI KYOKAI

Approval No. NKY-3294
Certificate No. TA16429E

Certificate

OF TYPE APPROVAL FOR WELDING CONSUMABLE

Brand: MX-200KP
Applicant: Kobe Steel, Ltd., Ibaraki Plant
Ibaraki, Osaka, Japan
Manufacturer: Kobe Steel, Ltd., Ibaraki Plant
Ibaraki, Osaka, Japan
Grade: KSW52Y40G(C)H5
Welding Process: Semi-Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1 below
Current: DCEP
Shielding Gas: CO₂
Applicable Parent Material: High Tensile Steels for Hull

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	Not Applicable	Flat:	1.6mm
Horizontal:	Not Applicable	Horizontal Vertical:	1.6mm
Overhead:	Not Applicable	Horizontal:	Not Applicable
Vertical Upward:	Not Applicable	Horizontal Overhead:	Not Applicable
Vertical Downward:	Not Applicable	Overhead:	Not Applicable
		Vertical Upward:	Not Applicable
		Vertical Downward:	Not Applicable

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.




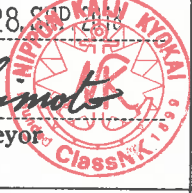

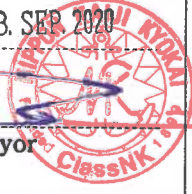
This Certificate will remain in force until 13 January 2017.
Issued at Tokyo on 14 January 2016.



T. Imamura

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.

<p>The validity of this certificate has been renewed until <u>13. JAN. 2018</u></p> <p>Date: <u>29. SEP. 2018</u></p> <p><i>K. Shimoto</i> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>13. JAN. 2023</u></p> <p>Date: <u>27. SEP. 2022</u></p> <p><i>[Signature]</i> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>13. JAN. 2019</u></p> <p>Date: <u>29. SEP. 2018</u></p> <p><i>K. Shimoto</i> 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>13. JAN. 2020</u></p> <p>Date: <u>28. SEP. 2019</u></p> <p><i>K. Shimoto</i> 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>13. JAN. 2021</u></p> <p>Date: <u>27. SEP. 2020</u></p> <p><i>[Signature]</i> 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>13. JAN. 2022</u></p> <p>Date: <u>28. SEP. 2020</u></p> <p><i>[Signature]</i> Surveyor</p> 	<p>The validity of this certificate has been renewed until _____</p> <p>Date: _____</p> <p>_____ Surveyor</p>