



NIPPON KAIJI KYOKAI

Certificate

Approval No. NKY-3384
Certificate No. TA181024E

OF TYPE APPROVAL

Article : Welding Consumables
Brand : MG-50HM / MX-50HM
Applicant : Kobe Steel, Ltd., Ibaraki Plant
: Ibaraki, Osaka, Japan
Manufacturer : Kobe Steel, Ltd., Ibaraki Plant
: Ibaraki, Osaka, Japan
Grade : KAW53Y40MG(C)
Welding Process : Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1
Current : DCEP
Shielding Gas : CO₂
Applicable Parent Material: High Tensile Steels for Hull


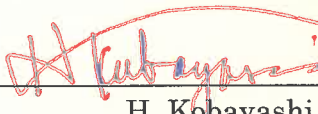
Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat: MG-50HM	1.6mm	Flat:	Not Applicable
MX-50HM	1.4mm	Horizontal Vertical:	Not Applicable
Horizontal:	Not Applicable	Horizontal:	
		MG-50HM	1.6mm
		MX-50HM	1.4mm
Overhead:	Not Applicable	Horizontal Overhead:	Not Applicable
		Overhead:	Not Applicable
Vertical Upward:	Not Applicable	Vertical Upward:	Not Applicable
Vertical Downward:	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 28 September 2019.

Issued at Tokyo on 10 September 2018.



 H. Kobayashi
 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.

Certificate No. TA181024E

<p>The validity of this certificate has been renewed until <u>28. SEP. 2020</u> .</p> <p>Date: <u>8. NOV. 2019</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>28. SEP. 2021</u> .</p> <p>Date: <u>29. JUN. 2020</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>28. SEP. 2022</u> .</p> <p>Date: <u>28. JUN. 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>28. SEP. 2023</u> .</p> <p>Date: <u>27. JUN. 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>28. SEP. 2024</u> .</p> <p>Date: <u>26. JUN. 2023</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>