



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-926
Certificate No. TA20785E

Article: Welding Consumables for High Tensile Steels for Hull
Brand: LT-B52A
Applicant: Kobe Steel, Ltd., Saijo Plant
Higashihiroshima, Hiroshima, Japan
Manufacturer: Kobe Steel, Ltd., Saijo Plant
Higashihiroshima, Hiroshima, Japan
Grade: KMW53H10
Welding Process: Manual Welding
Gravity Welding
Welding Positions and Max. Diameter of Electrode: See Table 1
Current: AC and DCEP
Shielding Gas: Not Applicable

Table 1 Welding Positions and Max. Diameter of Electrode

Butt Weld		Fillet Weld	
Flat:	8.0mm	Flat:	8.0mm
Horizontal:	Not Applicable	Horizontal Vertical:	8.0mm
Overhead:	4.5mm	Horizontal:	Not Applicable
Vertical Upward:	4.5mm	Horizontal Overhead:	4.5mm
Vertical Downward:	Not Applicable	Overhead:	4.5mm
		Vertical Upward:	4.5mm
		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 8 April 2021.
Issued at Tokyo on 8 July 2020.

Y. Takao
General Manager
Material and Equipment Department



Notes (1) The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.
(2) This certificate was rewritten because of addition of current.

Certificate No. TA20785E

<p>The validity of this certificate has been renewed until <u>8 APR. 2022</u> .</p> <p>Date: <u>30 MAR. 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>8 APR. 2023</u> .</p> <p>Date: <u>28 MAR. 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>8 APR. 2024</u> .</p> <p>Date: <u>10 FEB. 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 _____ .</p> <p>Date: _____</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 _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>