



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-3508
Certificate No. TA20698E

Article: Welding Consumables for High Tensile Steels for Hull
Brand: UC-36 / CA-50HR / CSI-1 / CBM-G22
[Wire / Flux / Metal Powder / Backing]
Applicant: Chosun Welding Co., Ltd., Onsan Plant
Ulju-gun, Ulsan, Korea
Manufacturer: Chosun Welding Co., Ltd., Onsan Plant
Ulju-gun, Ulsan, Korea
Grade: KAW53SP
Welding Process: Submerged Arc One-Side Welding
Welding Positions and Max. Diameter of Wire: See Table 1
Current: AC and DCEP
Shielding Gas: Not Applicable

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	4.8mm	Flat:	Not Applicable
Horizontal:	Not Applicable	Horizontal Vertical:	Not Applicable
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 3 June 2021.
Issued at Tokyo on 4 June 2020.



Y. Takao
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. TA20698E

<p>The validity of this certificate has been renewed until <u>2022. 06. 03</u> .</p> <p>Date: <u>2021 .09. 15</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>03 June 2023</u> .</p> <p>Date: <u>2022 .09. 05</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>
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