



# NIPPON KAIJI KYOKAI

Approval No. NKY-3466  
Certificate No. TA19405E

## Certificate

### OF TYPE APPROVAL

Article : Welding Consumables for High Tensile Steels for Hull  
Brand : MAGMAWELD SF 104 / SW 702  
[Flux / Wire]  
Applicant : OERLIKON KAYNAK ELEKTRODLARI VE SANAYI A. S.  
Yunusemre, Manisa, Turkey  
Manufacturer : OERLIKON KAYNAK ELEKTRODLARI VE SANAYI A. S.  
Yunusemre, Manisa, Turkey  
Grade : KAW53M  
Welding Process : Submerged Arc Welding  
Welding Positions and Max. Diameter of Wire : See Table 1  
Current : DCEP  
Shielding Gas : Not Applicable

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	4.0mm	Flat:	4.0mm
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 27 March 2020.

Issued at Tokyo on 28 March 2019.

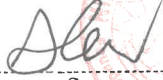
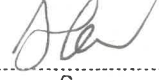


H. Kobayashi

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.

<p>The validity of this certificate has been renewed until <u><del>29 April 2021</del></u> .  <u>27 March 2022</u>                  Date: <u>30.04.2020</u>                    Surveyor</p>	<p>The validity of this certificate has been renewed until <u>27 March 2022</u> .                  Date: <u>28 April 2021</u>                    Surveyor</p>
<p>The validity of this certificate has been renewed until <u>27 March 2023</u> .                  Date: <u>06.09.2022</u>                    Surveyor</p>	<p>The validity of this certificate has been renewed until <u>27 March 2024</u> .                  Date: <u>15 May 2023</u>                    Surveyor</p>
<p>The validity of this certificate has been renewed until ..... .                  Date: .....                  Surveyor</p>	<p>The validity of this certificate has been renewed until ..... .                  Date: .....                  Surveyor</p>
<p>The validity of this certificate has been renewed until ..... .                  Date: .....                  Surveyor</p>	<p>The validity of this certificate has been renewed until ..... .                  Date: .....                  Surveyor</p>
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