



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.

Certificate No. TA19405E

<p>The validity of this certificate has been renewed</p> <p>until <u>29 April 2021</u> .</p> <p><u>27 March 2021</u></p> <p>Date: <u>30.04.2020</u></p> <p><u>[Signature]</u></p> <p>Surveyor</p>	<p>The validity of this certificate has been renewed</p> <p>until <u>27 March 2022</u> .</p> <p>Date: <u>28 April 2021</u></p> <p><u>[Signature]</u></p> <p>Surveyor</p>
<p>The validity of this certificate has been renewed</p> <p>until <u>27 March 2023</u> .</p> <p>Date: <u>06.09.2022</u></p> <p><u>[Signature]</u></p> <p>Surveyor</p>	<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____</p> <p>Surveyor</p>
<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____</p> <p>Surveyor</p>	<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____</p> <p>Surveyor</p>
<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____</p> <p>Surveyor</p>	<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____</p> <p>Surveyor</p>
<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____</p> <p>Surveyor</p>	<p>The validity of this certificate has been renewed</p> <p>until _____ .</p> <p>Date: _____</p> <p>_____</p> <p>Surveyor</p>