



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-3652
Certificate No. TA24735E

Article: Welding Consumables for Stainless Steels
Brand: TFW-308L
Applicant: Tien Tai Electrode (Kunshan) Co., Ltd.
No.189 Huayuan Road, Zhangpu Town, Kunshan City,
Jiangsu Province, China
Manufacturer: Tien Tai Electrode (Kunshan) Co., Ltd.
No.189 Huayuan Road, Zhangpu Town, Kunshan City,
Jiangsu Province, China
Grade: KW308LG(C)-vE31M-196T
Welding Process: MAG Welding
Welding Positions and Max. Diameter of Wire: See Table 1
Current: DCEP
Shielding Gas: CO₂
Remarks: For annual inspection, mechanical properties are to comply with the
requirements specified in Table 2

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	1.6mm	Flat:	1.6mm
Horizontal:	1.6mm	Horizontal Vertical:	1.6mm
Overhead:	1.6mm	Horizontal:	1.6mm
Vertical Upward:	1.6mm	Overhead:	1.6mm
Vertical Downward:	Not Applicable	Horizontal Overhead:	1.6mm
		Vertical Upward:	1.6mm
		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 18 June 2025.

Issued at Tokyo on 19 June 2024.


M. Irisawa
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.

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Table 2 Mechanical Properties

Deposited Metal Test	
Impact Test	
Testing temperature (°C)	Minimum mean absorbed energy (J)
-196	31

<p>The validity of this certificate has been renewed</p> <p>until <u>18 June 2026</u>.</p> <p>Date: <u>27 June 2025</u></p> <p><u>114873 NKSC</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>
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