



NIPPON KAIJI KYOKAI

Certificate

Approval No. NKY-3031
Certificate No. TA181233E

OF TYPE APPROVAL

Article: Welding Consumables
Brand: DW-309MoLP
Applicant: Kobe Steel Ltd., Fujisawa Plant
Fujisawa, Kanagawa, Japan
Manufacturer: Kobe Steel Ltd., Fujisawa Plant
Fujisawa, Kanagawa, Japan
Grade: KW309MoLG(C)
KW309MoLG(C)-YP315M-TS550M
Welding Process: Semi-Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1
Current: DCEP
Shielding Gas: CO₂
Applicable Parent Material: Stainless Steels
Remarks: For annual inspection, mechanical properties are to comply with the requirements specified in Table 2.

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 26 January 2019.
Issued at Tokyo on 22 October 2018.


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.

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Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	1.2mm	Flat:	1.2mm
Horizontal:	1.2mm	Horizontal Vertical:	1.2mm
Overhead:	1.2mm	Horizontal:	1.2mm
Vertical Upward:	1.2mm	Horizontal Overhead:	1.2mm
Vertical Downward:	Not Applicable	Overhead:	1.2mm
		Vertical Upward:	1.2mm
		Vertical Downward:	Not Applicable

Table 2 Mechanical Properties

Deposited metal Tensile test		
Tensile strength (N/mm ²)	0.2% proof stress (N/mm ²)	Elongation (%)
550 min.	315 min.	20 min.

Note: This certificate was rewritten because of addition of grade.

<p>The validity of this certificate has been renewed until <u>26 Jan. 2020</u> .</p> <p>Date: <u>4 DEC 2018</u></p> <p><u>J. Kotake</u> 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>26 Jan. 2021</u> .</p> <p>Date: <u>4 DEC 2019</u></p> <p><u>J. Kotake</u> 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>26 Jan. 2022</u> .</p> <p>Date: <u>Dec 2020</u></p> <p><u>J. Kotake</u> Surveyor</p> 	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
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