



# NIPPON KAIJI KYOKAI

## Certificate

Approval No. NKY-3391  
Certificate No. TA18163E

### OF TYPE APPROVAL FOR WELDING CONSUMABLE

Brand: MG-50LT  
Applicant: Kobe Steel, Ltd., Fukuchiyama Plant  
Fukuchiyama, Kyoto, Japan  
Manufacturer: Kobe Steel, Ltd., Fukuchiyama Plant  
Fukuchiyama, Kyoto, Japan  
Grade: KSWL3G(C)  
Welding Process: Semi-Automatic Welding (MAG Welding)  
Welding Positions and Max. Diameter of Wire: See Table 1  
Current: DCEP  
Shielding Gas: CO<sub>2</sub>  
Applicable Parent Material: Steels for Low Temperature Service

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	Not Applicable	Flat:	1.2mm
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.

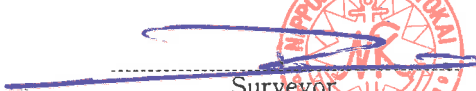
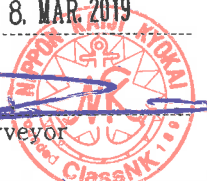
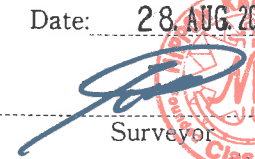



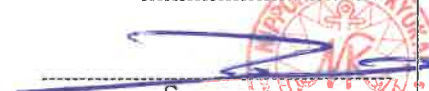
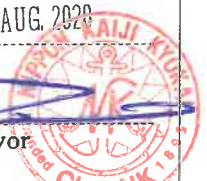


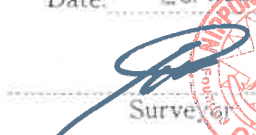

This Certificate will remain in force until 28 September 2018.

Issued at Tokyo on 29 September 2017.

  
  
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. TA18163E

<p>The validity of this certificate has been renewed until <u>28. SEP. 2019</u>.</p> <p>Date: <u>8. MAR. 2019</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>28. SEP. 2024</u>.</p> <p>Date: <u>28. AUG. 2023</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>28. SEP. 2020</u>.</p> <p>Date: <u>30. AUG. 2019</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>28. SEP. 2021</u>.</p> <p>Date: <u>31. AUG. 2020</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>28. SEP. 2022</u>.</p> <p>Date: <u>30. AUG. 2021</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>28. SEP. 2023</u>.</p> <p>Date: <u>29. AUG. 2022</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until _____.</p> <p>Date: _____</p> <p>_____ Surveyor</p>