

# NIPPON KAIJI KYOKAI

## Certificate

Approval No. NKY-1353-A  
Certificate No. TA151276E

OF

### TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : MG-50T  
Manufacturer : Kobe Steel, Ltd., Fukuchiyama Plant  
Fukuchiyama, Kyoto, Japan  
Kind : Semi-Automatic Welding Consumable  
Purpose : For High Tensile Steel  
Approval Condition :

Grade	Current	Position	Max. Dia. of Wire	Shield Gas
KSW53Y40G(C)	DCEP	Flat	F : 1.6mm	CO <sub>2</sub>
KSW53G(C)	DCEP	Horizontal Vertical Upward, Vertical Downward Overhead	H : 1.6mm VU : 1.4mm VD : 1.4mm OH : 1.4mm	CO <sub>2</sub>
KSW53G(M2)	DCEP	Flat Horizontal Vertical Upward Vertical Downward Overhead	F : 1.6mm H : 1.6mm VU : 1.4mm VD : 1.4mm OH : 1.4mm	80%Ar+20%CO <sub>2</sub>

Remark : For annual inspection, tensile test and impact test for deposited metal are to comply with the requirements Table 1 (See the reverse side).

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 1 April 2016.  
Issued at Tokyo on 27 October 2015.



T. Imamura



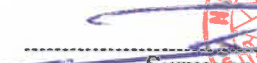











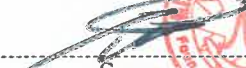




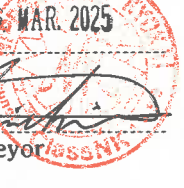
General Manager

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.

Table 1. Test Requirements for Deposited Metal

Tensile Test			Impact Test	
Tensile strength (N/mm <sup>2</sup> )	Yield point (N/mm <sup>2</sup> )	Elongation (%)	Testing temperature (°C)	Minimum mean absorbed energy (J)
510~660	400 min.	22 min.	-20	47

<p>The validity of this certificate has been renewed until <u>1. APR. 2017</u>.</p> <p>Date: <u>9. MAY. 2016</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>1. APR. 2022</u>.</p> <p>Date: <u>30. MAR. 2021</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>1. APR. 2018</u>.</p> <p>Date: <u>29. MAR. 2017</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>1. APR. 2023</u>.</p> <p>Date: <u>28. MAR. 2022</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>1. APR. 2019</u>.</p> <p>Date: <u>30. MAR. 2018</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>1. APR. 2024</u>.</p> <p>Date: <u>28. MAR. 2023</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>1. APR. 2020</u>.</p> <p>Date: <u>29. MAR. 2019</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>1. APR. 2025</u>.</p> <p>Date: <u>17. MAY. 2024</u></p> <p> Surveyor </p>
<p>The validity of this certificate has been renewed until <u>1. APR. 2021</u>.</p> <p>Date: <u>27. MAR. 2020</u></p> <p> Surveyor </p>	<p>The validity of this certificate has been renewed until <u>1. APR. 2026</u>.</p> <p>Date: <u>26. MAR. 2025</u></p> <p> Surveyor </p>