



# NIPPON KAIJI KYOKAI

## *Certificate*

Approval No. NKY-3113  
Certificate No. TA1456E


OF

TYPE APPROVAL FOR WELDING CONSUMABLE







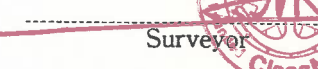



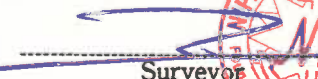


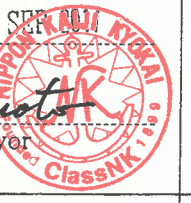

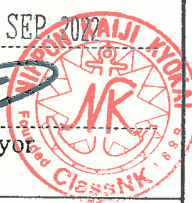



Brand : DW-Z1S / FB-B3  
[Wire / Backing]  
Manufacturer : Kobe Steel, Ltd., Ibaraki Plant  
Ibaraki, Osaka, Japan  
Kind : Semi-Automatic Welding Consumable  
Purpose : For High Tensile Steel  
Approval Condition :  
Grade : KSW52G(C)  
Current : DCEP  
Position : Flat, Horizontal and Vertical Upward  
Max. Dia. of Wire : F: 1.2mm, H: 1.2mm, VU: 1.2mm  
Shield Gas : CO<sub>2</sub>

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 December 2014.  
Issued at Tokyo on 19 December 2013.

  
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.

<p>The validity of this certificate has been renewed until <u>18. DEC. 2015</u>.</p> <p>Date: <u>12. MAR. 2015</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>18. DEC. 2020</u>.</p> <p>Date: <u>27. SEP. 2019</u></p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>18. DEC. 2016</u>.</p> <p>Date: <u>1. OCT. 2015</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>18. DEC. 2021</u>.</p> <p>Date: <u>28. SEP. 2020</u></p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>18. DEC. 2017</u>.</p> <p>Date: <u>13. MAR. 2016</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>18. DEC. 2022</u>.</p> <p>Date: <u>27. SEP. 2021</u></p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>18. DEC. 2018</u>.</p> <p>Date: <u>29. SEP. 2017</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>18. DEC. 2023</u>.</p> <p>Date: <u>26. SEP. 2022</u></p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until <u>18. DEC. 2019</u>.</p> <p>Date: <u>28. SEP. 2018</u></p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until <u>18. DEC. 2024</u>.</p> <p>Date: <u>29. SEP. 2023</u></p> <p> Surveyor</p> 