



# NIPPON KAIJI KYOKAI

## Certificate

Certificate No.

NKY-2441

OF

### TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : TWE-711Ni  
Manufacturer : Tien Tai Electrode (Kunshan) Co., Ltd.  
Kunshan-city, Jiangsu Province, China  
Kind : Semi-Automatic Welding Consumable  
Purpose : For High Tensile Steel  
Approval Condition ;  
Grade : KSW54G(C)H10  
Current : DCEP  
Position : Flat, Horizontal, Vertical Upward and Overhead  
Max. Dia. of Wire : F ; 1.6mm  $\phi$ , H ; 1.6mm  $\phi$ , VU ; 1.4mm  $\phi$ , OH ; 1.4mm  $\phi$   
Shield Gas : CO<sub>2</sub>





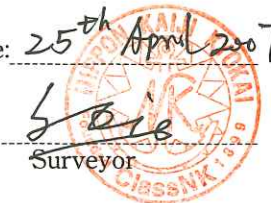

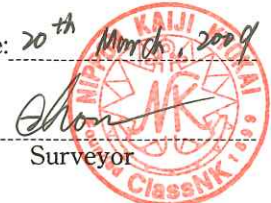
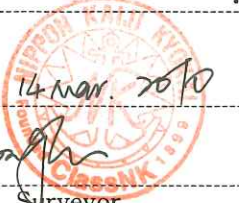


THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until the 24th day of March, 2003.  
Issued at Tokyo on the 25th day of March, 2002.






( H. Kitada )  
General Manager of  
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.

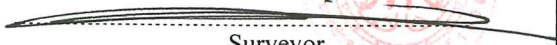
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|---|---|
| <p>The validity of this certificate has been renewed until <u>23<sup>rd</sup> March 2004</u>.</p> <p>Date: <u>31<sup>st</sup> March 2003</u><br/> <br/>           Surveyor</p>       | <p>The validity of this certificate has been renewed until <u>22nd March 2005</u>.</p> <p>Date: <u>22nd March 2004</u><br/> <br/>           Surveyor</p>                       |
| <p>The validity of this certificate has been renewed until <u>14<sup>th</sup> March, 2006</u>.</p> <p>Date: <u>14<sup>th</sup> March 2006</u><br/> <br/>           Surveyor</p>      | <p>The validity of this certificate has been renewed until <u>24<sup>th</sup> March, 2007</u>.</p> <p>Date: <u>22nd April 2006</u><br/> <br/>           Surveyor</p>           |
| <p>The validity of this certificate has been renewed until <u>24<sup>th</sup> March, 2008</u>.</p> <p>Date: <u>25<sup>th</sup> April 2007</u><br/> <br/>           Surveyor</p>    | <p>The validity of this certificate has been renewed until <u>24<sup>th</sup> March 2009</u>.</p> <p>Date: <u>26<sup>th</sup> May 2008</u><br/> <br/>           Surveyor</p> |
| <p>The validity of this certificate has been renewed until <u>24<sup>th</sup> March, 2010</u>.</p> <p>Date: <u>20<sup>th</sup> March, 2009</u><br/> <br/>           Surveyor</p>   | <p>The validity of this certificate has been renewed until <u>24<sup>th</sup> Mar. 2011</u>.</p> <p>Date: <u>14 Mar. 2010</u><br/> <br/>           Surveyor</p>              |
| <p>The validity of this certificate has been renewed until <u>24<sup>th</sup> March, 2012</u>.</p> <p>Date: <u>11<sup>th</sup> January, 2011</u><br/> <br/>           Surveyor</p> | <p>The validity of this certificate has been renewed until <u>24<sup>th</sup> March, 2013</u>.</p> <p>Date: <u>30 Dec. 2011</u><br/> <br/>           Surveyor</p>            |





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|---|---|
| <p>The validity of this certificate has been renewed<br/>until <u>24th March 2014</u> .</p> <p>Date: <u>11 Jan. 2013</u></p> <p><br/>Surveyor</p>     | <p>The validity of this certificate has been renewed<br/>until <u>24 March 2015</u> .</p> <p>Date: <u>29 April 2014</u></p> <p><br/>Surveyor</p>    |
| <p>The validity of this certificate has been renewed<br/>until <u>24 March 2016</u> .</p> <p>Date: <u>16 April 2015</u></p> <p><br/>Surveyor</p>      | <p>The validity of this certificate has been renewed<br/>until <u>24 March 2017</u> .</p> <p>Date: <u>8 April 2016</u></p> <p><br/>Surveyor</p>     |
| <p>The validity of this certificate has been renewed<br/>until <u>24 March 2018</u> .</p> <p>Date: <u>22 April 2017</u></p> <p><br/>Surveyor</p>  | <p>The validity of this certificate has been renewed<br/>until <u>24 March 2019</u> .</p> <p>Date: <u>16 May 2018</u></p> <p><br/>Surveyor</p>  |
| <p>The validity of this certificate has been renewed<br/>until <u>24 March 2020</u> .</p> <p>Date: <u>15 April 2019</u></p> <p><br/>Surveyor</p>  | <p>The validity of this certificate has been renewed<br/>until <u>19 Dec 2020</u> .</p> <p>Date: <u>19 Dec 2019</u></p> <p><br/>Surveyor</p>    |
| <p>The validity of this certificate has been renewed<br/>until <u>19 Dec. 2021</u> .</p> <p>Date: <u>24 Dec. 2020</u></p> <p><br/>Surveyor</p>    | <p>The validity of this certificate has been renewed<br/>until <u>19 Dec. 2022</u> .</p> <p>Date: <u>17 Dec. 2021</u></p> <p><br/>Surveyor</p>  |

Certificate No. NKY-2441

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|---|---|
| <p>The validity of this certificate has been renewed<br/>until <u>19 Dec. 2023</u></p> <p>Date: <u>09 Dec. 2022</u></p> <p><br/>Surveyor</p> | <p>The validity of this certificate has been renewed<br/>until .....</p> <p>Date: .....</p> <p>.....<br/>Surveyor</p> |
| <p>The validity of this certificate has been renewed<br/>until .....</p> <p>Date: .....</p> <p>.....<br/>Surveyor</p>   | <p>The validity of this certificate has been renewed<br/>until .....</p> <p>Date: .....</p> <p>.....<br/>Surveyor</p> |
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