



# NIPPON KAIJI KYOKAI

## Certificate

[Re-written]

Certificate No.  
NKY-2447

OF  
TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : CR-13  
Manufacturer : Chosun Welding Co., Ltd.  
Pohang Plant  
Pohang, Kyungbuk, Korea  
Kind : Covered Electrode  
Purpose : For Mild Steel  
Approval Condition ;  
Grade : KMW2  
Current : AC or DCEP  
Position : Flat, Horizontal, Vertical Upward and Overhead  
Max. Dia. of Electrode : F ; 6.0mm  $\phi$ , H ; 6.0mm  $\phi$ , VU ; 6.0mm  $\phi$ ,  
OH ; 6.0mm  $\phi$   
Welding Process : Manual Welding

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 13th day of June, 2005.  
Issued at Tokyo on the 6th day of August, 2004.






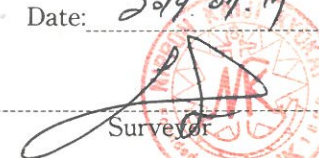
*H. Kitada*

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>2006 06. 13.</u></p> <p>Date: <u>2005 08. 13.</u></p>    | <p>The validity of this certificate has been renewed until <u>2011 06. 13.</u></p> <p>Date: <u>2010 08. 13.</u></p>  |
| <p>The validity of this certificate has been renewed until <u>2007 06. 13.</u></p> <p>Date: <u>2006 10. 25.</u></p>    | <p>The validity of this certificate has been renewed until <u>2012 06. 13.</u></p> <p>Date: <u>2011 08. -1.</u></p>  |
| <p>The validity of this certificate has been renewed until <u>2008. 6. 13</u></p> <p>Date: <u>2007 11. - 8.</u></p>  | <p>The validity of this certificate has been renewed until <u>2013. 06. 13</u></p> <p>Date: <u>2012. 8. 6</u></p>   |
| <p>The validity of this certificate has been renewed until <u>2009 06. 13.</u></p> <p>Date: <u>2008 09. 25.</u></p>  | <p>The validity of this certificate has been renewed until <u>2014. 06. 13</u></p> <p>Date: <u>2013. 8. 6</u></p>  |
| <p>The validity of this certificate has been renewed until <u>2010 06. 13.</u></p> <p>Date: <u>2009 07. 14.</u></p>  | <p>The validity of this certificate has been renewed until <u>2015. 06. 13</u></p> <p>Date: <u>2014 6 25</u></p>   |

NKY. 2447

|  |   |
|--|---|
| <p>The validity of this certificate has been renewed until <u>2016, 6.13</u> .</p> <p>Date: <u>2015, 7.29</u></p> <p><br/>Surveyor</p>       | <p>The validity of this certificate has been renewed until <del>2016</del> <u>2017, 6.13</u> .</p> <p>Date: <u>2016, 7.27</u></p> <p><br/>Surveyor</p>  |
| <p>The validity of this certificate has been renewed until <u>2018, 6.13</u> .</p> <p>Date: <u>2017, 6.30</u></p> <p><br/>Surveyor</p>       | <p>The validity of this certificate has been renewed until <u>2019, 6.13</u> .</p> <p>Date: <u>2018, 7.10</u></p> <p><br/>Surveyor</p>                  |
| <p>The validity of this certificate has been renewed until <u>2020, 6.13</u> .</p> <p>Date: <u>2019, 07.19</u></p> <p><br/>Surveyor</p>  | <p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____<br/>Surveyor</p>   |
| <p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____<br/>Surveyor</p>  | <p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____<br/>Surveyor</p>   |
| <p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p><br/>Surveyor</p>  | <p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____<br/>Surveyor</p>   |

