



# NIPPON KAIJI KYOKAI

## Certificate

Certificate No.  
NKY-2968

OF

### TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : Dual Shield II 81-K2 LT  
Manufacturer : ESAB SeAH Corp.  
Changwon, Gyeongnam, Korea  
Kind : Semi-Automatic Welding Consumable  
Purpose : For High Tensile Steel  
Approval Condition :  
Grade : KSW54Y40G(C)H5  
Current : DCEP  
Position : Flat, Horizontal, Vertical Upward,  
Vertical Downward and Overhead  
Max. Dia. of Wire : F : 1.2mm, H : 1.2mm, VU : 1.2mm,  
VD : 1.2mm, OH : 1.2mm  
Shield Gas : CO<sub>2</sub>  
Remarks : Guaranteed Mechanical Properties  
Min. Mean Absorbed Energy at -60°C :  $\geq 47\text{J}$  for Deposited Metal  
 $\geq 47\text{J}$  for Butt Weld

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 14th day of July, 2012.  
Issued at Tokyo on the 15th day of July, 2011.

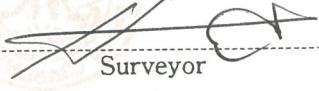
  
H. Takano  
General Manager of  
Material and Equipment Department



Note : The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.  
CS-2 e 2002.01

NKY-3728



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| <p>The validity of this certificate has been renewed<br/>until <u>2023.07.14</u>.</p> <p>Date: <u>2023.08.24</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 <u>2024.07.14</u>.</p> <p>Date: <u>2023.07.28</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 <u>2025.07.14</u>.</p> <p>Date: <u>2024.07.18</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> |
| <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> |