



NIPPON KAIJI KYOKAI

Certificate

Approval No. NKY-3128
Certificate No. TA14460E

OF

TYPE APPROVAL FOR WELDING CONSUMABLE

Brand : Prime Weld 81-K2
Manufacturer : ESAB SeAH Corp.
Changwon, Gyeongsangnam, 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 : 1.6mm, H : 1.6mm, VU : 1.6mm,
VD : 1.6mm, OH : 1.6mm
Shield Gas : CO₂
Remarks:
1) Guaranteed Mechanical Properties
Min. Mean Absorbed Energy at -60°C: $\geq 47\text{J}$ for Deposited Metal
 $\geq 47\text{J}$ for Butt Weld
2) Annual inspection
Tensile test and impact test for deposited metal are to comply with the
requirements of Table (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 3 December 2014.
Issued at Tokyo on 4 December 2013



T. Imamura
General Manager

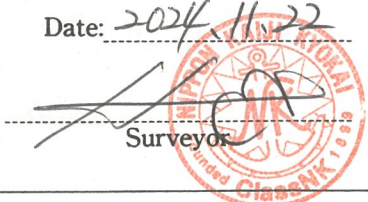
Material and Equipment Department

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

Table Test Requirements for Deposited Metal

Tensile Test			Impact Test	
Tensile Strength (N/mm ²)	Yield point (N/mm ²)	Elongation (%)	Testing temperature (°C)	Minimum mean absorbed energy (J)
510~690	400 min.	22 min.	-60	47

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<p>The validity of this certificate has been renewed until <u>2025.12.03</u> .</p> <p>Date: <u>2024.11.22</u></p> <p>Surveyor</p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>
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