



NIPPON KAIJI KYOKAI

Certificate

Approval No. NKY-3315
Certificate No. TA16767E

OF TYPE APPROVAL FOR WELDING CONSUMABLE

Brand: Dual Shield II 81-OS
Applicant: ESAB SeAH Corp.
Changwon, Gyeongsangnam, Korea
Manufacturer: ESAB SeAH Corp.
Changwon, Gyeongsangnam, Korea
Grade: KSW5Y46G(C)H5
Welding Process: Semi-Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1 below
Current: DCEP
Shielding Gas: CO₂
Applicable Parent Material: Quenched and Tempered High Tensile Steels for Structures

Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	1.6mm	Flat:	1.6mm
Horizontal:	1.6mm	Horizontal Vertical:	1.6mm
Overhead:	1.6mm	Horizontal:	1.6mm
Vertical Upward:	1.6mm	Horizontal Overhead:	1.6mm
Vertical Downward:	1.6mm	Overhead:	1.6mm
		Vertical Upward:	1.6mm
		Vertical Downward:	1.6mm

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 23 June 2017.

Issued at Tokyo on 24 June 2016.



T. Imamura


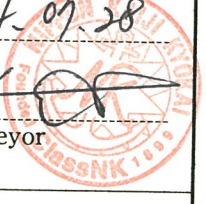

General Manager

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.

NKY-3315

Certificate No. TA16767E

<p>The validity of this certificate has been renewed until <u>2018.06.23</u>.</p> <p>Date: <u>2017.08.25</u></p> <p> Surveyor</p>	<p>The validity of this certificate has been renewed until <u>2023.06.23</u>.</p> <p>Date: <u>2022.08.24</u></p> <p> Surveyor</p>
<p>The validity of this certificate has been renewed until <u>2019.06.23</u>.</p> <p>Date: <u>2018.08.24</u></p> <p> Surveyor</p>	<p>The validity of this certificate has been renewed until <u>2024.06.23</u>.</p> <p>Date: <u>2024.07.28</u></p> <p> Surveyor</p>
<p>The validity of this certificate has been renewed until <u>2020.06.23</u>.</p> <p>Date: <u>2019.07.25</u></p> <p> Surveyor</p>	<p>The validity of this certificate has been renewed until <u>2025.06.23</u>.</p> <p>Date: <u>2024.07.18</u></p> <p> Surveyor</p>
<p>The validity of this certificate has been renewed until <u>2021.06.23</u>.</p> <p>Date: <u>2020.08.14</u></p> <p> Surveyor</p>	<p>The validity of this certificate has been renewed until <u>2026.06.23</u>.</p> <p>Date: <u>2025.07.11</u></p> <p> Surveyor</p>
<p>The validity of this certificate has been renewed until <u>2022.06.23</u>.</p> <p>Date: <u>2021.07.05</u></p> <p> Surveyor</p>	<p>The validity of this certificate has been renewed until _____.</p> <p>Date: _____</p> <p>Surveyor</p>