



NIPPON KAIJI KYOKAI

Certificate

Approval No. NKY-3351
Certificate No. TA17368E

OF TYPE APPROVAL FOR WELDING CONSUMABLE

Brand: Coreweld 90-K2
Applicant: ESAB SeAH Corp.
Changwon, Gyeongsangnam, Korea
Manufacturer: ESAB SeAH Corp.
Changwon, Gyeongsangnam, Korea
Grade: KSW5Y50G(C)H5
KAW5Y50MG(C)H5
Welding Process: Semi-Automatic Welding (MAG Welding)
Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1
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:	Not Applicable	Horizontal Vertical:	1.6mm
Overhead:	Not Applicable	Horizontal:	Not Applicable
Vertical Upward:	Not Applicable	Horizontal Overhead:	Not Applicable
Vertical Downward:	Not Applicable	Overhead:	Not Applicable
		Vertical Upward:	Not Applicable
		Vertical Downward:	Not Applicable

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 19 February 2018.
Issued at Tokyo on 20 February 2017.

H. Kobayashi

General Manager

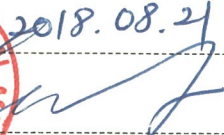



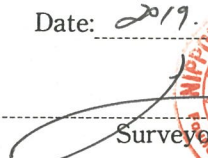



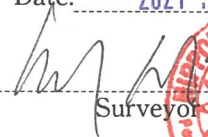



Material and Equipment Department



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

NKY-3351

Certificate No. TA17368E

<p>The validity of this certificate has been renewed until <u>2019.02.19</u> .</p> <p>Date: <u>2018.08.24</u></p> <p> Surveyor</p> <p></p>	<p>The validity of this certificate has been renewed until <u>2024.02-19</u> .</p> <p>Date: <u>2023.07.28</u></p> <p> Surveyor</p> <p></p>
<p>The validity of this certificate has been renewed until <u>2020.02.19</u> .</p> <p>Date: <u>2019.02.19</u></p> <p> Surveyor</p> <p></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 <u>2021.02.19</u> .</p> <p>Date: <u>2020.08.14</u></p> <p> Surveyor</p> <p></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 <u>2022.02.19</u> .</p> <p>Date: <u>2021.07.05</u></p> <p> Surveyor</p> <p></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 <u>2023.02.19</u> .</p> <p>Date: <u>2022.08.24</u></p> <p> Surveyor</p> <p></p>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>