



NIPPON KAIJI KYOKAI

Certificate OF **TYPE APPROVAL**

Approval No. NKY-3434
Certificate No. TA181328E

Article : Welding Consumables
Brand : TG-S709S
Applicant : Kobe Steel Ltd., Fukuchiyama Plant
: Fukuchiyama, Kyoto, Japan
Manufacturer : Kobe Steel Ltd., Fukuchiyama Plant
: Fukuchiyama, Kyoto, Japan
Grade : KSWL92G(I)
Welding Process : TIG Welding
Welding Positions and Max. Diameter of Filler Rod : See Table 1
Current : DCEN
Shielding Gas : Ar
Applicable Parent Material : Steels for Low Temperature Service

Table 1 Welding Positions and Max. Diameter of Filler Rod

Butt Weld		Fillet Weld	
Flat:	2.4mm	Flat:	2.4mm
Horizontal:	2.4mm	Horizontal Vertical:	2.4mm
Overhead:	2.4mm	Horizontal:	2.4mm
Vertical Upward:	2.4mm	Horizontal Overhead:	2.4mm
Vertical Downward:	Not Applicable	Overhead:	2.4mm
		Vertical Upward:	2.4mm
		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 30 August 2019.

Issued at Tokyo on 31 August 2018.


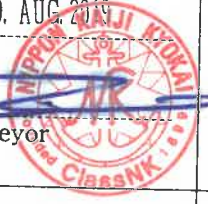



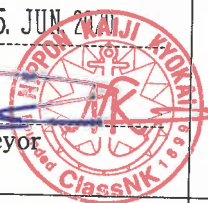




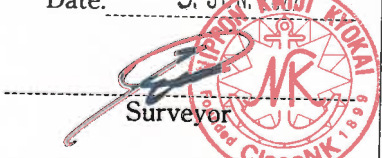
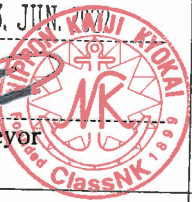


H. Kobayashi
General Manager

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.

Certificate No. TA181328E

<p>The validity of this certificate has been renewed until 30. AUG. 2020 .</p> <p>Date: 30. AUG. 2019</p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until 30. AUG. 2025 .</p> <p>Date: 4. JUN. 2024</p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until 30. AUG. 2021 .</p> <p>Date: 5. JUN. 2020</p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until 30. AUG. 2026 .</p> <p>Date: 6. JUN. 2024</p> <p> Surveyor</p> 
<p>The validity of this certificate has been renewed until 30. AUG. 2022 .</p> <p>Date: 4. JUN. 2021</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 30. AUG. 2023 .</p> <p>Date: 3. JUN. 2022</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 30. AUG. 2024 .</p> <p>Date: 2. JUN. 2023</p> <p> Surveyor</p> 	<p>The validity of this certificate has been renewed until .</p> <p>Date: .</p> <p>Surveyor</p>