



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-3431
Certificate No. TA181325E

Article : Welding Consumables
Brand : US-709S / PF-N3
[Wire / Flux]
Applicant : Kobe Steel Ltd., Fukuchiyama Plant
: Fukuchiyama, Kyoto, Japan
Manufacturer : Kobe Steel Ltd., Fukuchiyama Plant
: Fukuchiyama, Kyoto, Japan
Grade : KAWL92M
Welding Process : Submerged Arc Welding
Welding Positions and Max. Diameter of Wire : See Table 1
Current : AC and DECP
Shielding Gas : Not Applicable
Applicable Parent Material : Steels for Low Temperature Service

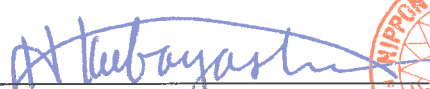
Table 1 Welding Positions and Max. Diameter of Wire

Butt Weld		Fillet Weld	
Flat:	2.4mm	Flat:	Not Applicable
Horizontal:	Not Applicable	Horizontal Vertical:	Not Applicable
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.

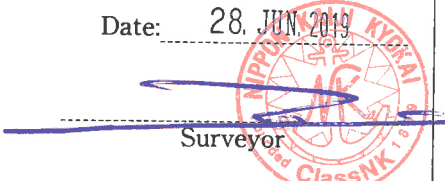
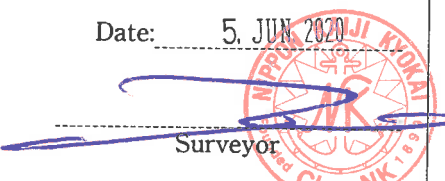
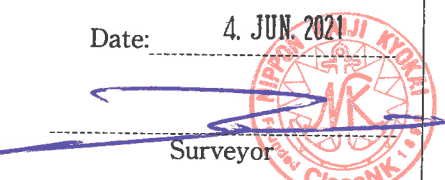
This Certificate will remain in force until 30 August 2019.

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.

<p>The validity of this certificate has been renewed until 30. AUG. 2020 .</p> <p>Date: 28. JUN. 2019</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. 2021 .</p> <p>Date: 5. JUN. 2020</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. 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 _____ .</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>	<p>The validity of this certificate has been renewed until _____ .</p> <p>Date: _____</p> <p>_____ Surveyor</p>