



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-3503
Certificate No. TA20454E


Article: Welding Consumables for High Tensile Steels for Hull
Brand: US-36L(x2) / PF-I55ET
[Wire / Flux]
Applicant: Kobe Steel Ltd., Fukuchiyama Plant
Fukuchiyama, Kyoto, Japan
Manufacturer: Kobe Steel Ltd., Fukuchiyama Plant
Fukuchiyama, Kyoto, Japan
Grade: KAW53Y40T
Welding Process: Submerged Arc Welding
Welding Positions and Max. Diameter of Wire: See Table 1
Current: AC
Shielding Gas: Not Applicable

Table 1 Welding Positions and Max. Diameter of Wire

| Butt Weld | | Fillet Weld | |
|--------------------|----------------|----------------------|----------------|
| Flat: | 6.4mm | 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 |


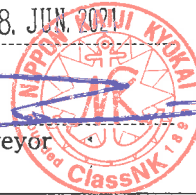
THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force from 4 June 2019 until 3 June 2020.
Issued at Tokyo on 7 April 2020.


Y. Takao
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.

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| <p>The validity of this certificate has been renewed until <u>3, JUN, 2021</u> .</p> <p>Date: <u>29, JUN, 2020</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 <u>3, JUN, 2022</u> .</p> <p>Date: <u>28, JUN, 2021</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> |
| <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> |