



NIPPON KAIJI KYOKAI

Certificate

OF

TYPE APPROVAL

Approval No. NKY-3603
Certificate No. TA23387E


Article: Welding Consumables for Steels for Low Temperature Service
Brand: DW-N709S
Applicant: Kobe Steel Ltd., Ibaraki Plant
2-19, Higashi-Unobe-Cho, Ibaraki, Osaka, Japan
Manufacturer: Kobe Steel Ltd., Ibaraki Plant
2-19, Higashi-Unobe-Cho, Ibaraki, Osaka, Japan
Grade: KSWL92G(C)
Welding Process: Semi-Automatic Welding (MAG Welding)
Welding Positions and Max. Diameter of Wire: See Table 1
Current: DCEP
Shielding Gas: CO₂

Table 1 Welding Positions and Max. Diameter of Wire

| Butt Weld | | Fillet Weld | |
|--------------------|----------------|----------------------|----------------|
| Flat: | 1.2mm | Flat: | 1.2mm |
| Horizontal: | 1.2mm | Horizontal Vertical: | 1.2mm |
| Overhead: | Not Applicable | Horizontal: | 1.2mm |
| 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.

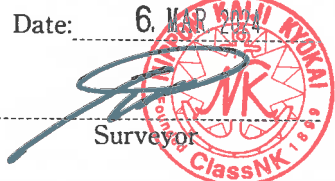

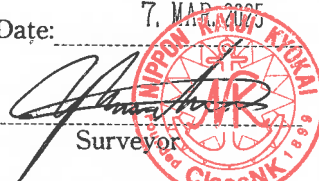

This Certificate will remain in force until 5 March 2024.
Issued at Tokyo on 6 March 2023.


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.

Certificate No. TA23387E

| | |
|---|---|
| <p>The validity of this certificate has been renewed until 5. MAR. 2025 .</p> <p>Date: 6. MAR. 2025</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 5. MAR. 2026 .</p> <p>Date: 7. MAR. 2025</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> |
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