Certificate No: LR26472494WC
Issue Date: 01/05/2026
Expiry Date: 30/04/2027

# CERTIFICATE OF APPROVAL OF WELDING CONSUMABLE FOR SHIP CONSTRUCTION

This certificate is issued to the company named below. The welding consumable or combination described has been tested in accordance with the requirements of Lloyd's Register for use in ship construction. This approval is subject to annual tests being carried out in accordance with the requirements of Lloyd's Register. The continued validity of this approval will be confirmed by appropriately dated Annual Reapproval Certificates issued to the company.

| | |
|---|---|
| **Company** | **KISWEL LTD. Changwon Factory** |
| **Address** | Sungju-dong 704 Gongdan-ro Seongsan-gu, Changwon, Gyeongnam, 51544, South Korea |
| **Type of welding consumable** | Section 4 - Solid Wire/Flux |
| **Trade name** | KD-50/EF-100 |
| **Welding Process** | Submerged Arc Welding |
| **Grade & Technique** | 2YM |
| **Welding Positions** | Downhand only. |
| **Weld Type** | Butt and Fillet Welding. |
| **Diameter (mm)** | 4.0 - 6.0 |
| **Current** | DC(+) |
| **Remarks** | |

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**Sufair Shaikh**

Welding Team - Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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# CERTIFICATE OF APPROVAL OF WELDING CONSUMABLE FOR SHIP CONSTRUCTION

## Consumable 2nd Grade

| | |
|---|---|
| **Type of welding consumable** | Section 4 - Solid Wire/Flux |
| **Trade name** | KD-50/EF-100 |
| **Welding Process** | Submerged Arc Welding |
| **Grade & Technique** | 2YT |
| **Welding Positions** | Downhand only. |
| **Weld Type** | Butt and Fillet Welding. |
| **Diameter (mm)** | 4.0 - 6.0 |
| **Current** | DC(+) |
| **Remarks** | Application of two-run automatic welding is limited to plates of 20.00 mm maximum thickness. |

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