Certificate No: LR26187431WC
Issue Date: 10/12/2025
Expiry Date: 09/12/2026

# 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** | **WB Alloy Welding Products Ltd** |
| **Address** | 70 Montrose Avenue, Innovation House, Hillington Park, Glasgow, G52 4LA, United Kingdom |
| **Type of welding consumable** | Section 5 - Flux-Cored Wire/Gas Shield |
| **Trade name** | WB 6104/80%Ar-20%CO2 |
| **Welding Process** | Flux Cored Arc Welding |
| **Grade & Technique** | 3YS |
| **Welding Positions** | Downhand, horizontal-vertical, vertical upward and downward, and overhead. |
| **Weld Type** | Butt and Fillet Welding. |
| **Diameter (mm)** | 1.0 - 1.6 mm |
| **Current** | DC(+) |
| **Remarks** | Approved also for automatic multirun welding in the downhand position only.<br>Approved low hydrogen consumable, conforming to standard H5. |

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**Jaspal Nirankari**

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

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