

INSPECTION CERTIFICATE

GSS  
PURCHASER  
PO NO:WX078201

COVERED ELECTRODE

CERTIFICATE 420241680  
15.01.2025  
DATE OF ISSUE Jan.15,2025

|                   |                       |           |                                             |
|-------------------|-----------------------|-----------|---------------------------------------------|
| TRADE DESIGNATION | (mm)<br>DIMENSION(mm) | MFG.No.   | APPLICABLE SPECIFICATION AND CLASSIFICATION |
| LB - 52U          | 2.6                   | D12663083 | AWS A5.1 E7016                              |

|                                                                    |                  |      |      |       |       |      |      |      |       |      |       |      |
|--------------------------------------------------------------------|------------------|------|------|-------|-------|------|------|------|-------|------|-------|------|
| EN10204 3.1 CHEMICAL COMPOSITION (%) ACCORDING TO EN10204 TYPE 3.1 |                  |      |      |       |       |      |      |      |       |      |       |      |
| ELEMENTS                                                           | C                | Si   | Mn   | P     | S     | Cu   | Ni   | Cr   | Mo    | V    | Nb    | 1B   |
| DEPOSITED METAL                                                    | 0.07             | 0.58 | 0.98 | 0.010 | 0.003 | 0.01 | 0.01 | 0.02 | <0.01 | 0.01 | <0.01 | 1.02 |
| ELEMENTS                                                           | 1B=Mn+Ni+Cr+Mo+V |      |      |       |       |      |      |      |       |      |       |      |

|                                                               |                                          |     |                  |     |            |                                |                       |      |      |     |                   |   |
|---------------------------------------------------------------|------------------------------------------|-----|------------------|-----|------------|--------------------------------|-----------------------|------|------|-----|-------------------|---|
| EN10204 3.1 MECHANICAL PROPERTY ACCORDING TO EN10204 TYPE 3.1 |                                          |     |                  |     |            |                                |                       |      |      |     |                   |   |
| TENSILE TEST OF DEPOSITED METAL                               |                                          |     |                  |     |            | IMPACT TEST OF DEPOSITED METAL |                       |      |      |     |                   | - |
| YIELD POINT                                                   | 0.2%<br>YIELD STRENGTH AT<br>0.2% OFFSET |     | TENSILE STRENGTH |     | ELONGATION | TEST TEMP.                     | IMPACT VALUE          |      |      |     |                   | - |
| - MPa                                                         | 476                                      | MPa | 560              | MPa | 34 %       |                                | -40                   | AVG. | EACH |     |                   |   |
|                                                               |                                          |     |                  |     |            |                                | 136 J/cm <sup>2</sup> | 143  | 136  | 130 | J/cm <sup>2</sup> |   |

|                    |      |               |  |   |  |                          |  |  |  |  |  |
|--------------------|------|---------------|--|---|--|--------------------------|--|--|--|--|--|
| WELDING CONDITIONS |      |               |  |   |  | POST WELD HEAT TREATMENT |  |  |  |  |  |
| TYPE OF CURRENT    | DCEP | SHIELDING GAS |  | - |  | - x - h                  |  |  |  |  |  |
| AMPERAGE           | 90 A |               |  |   |  |                          |  |  |  |  |  |
| ARC VOLTAGE        | 24 V |               |  |   |  |                          |  |  |  |  |  |

WE HEREBY CERTIFY THAT THE ABOVE TEST RESULTS ARE CORRECT AND ACCURATE AND THAT THE WELDING MATERIAL IDENTIFIED HEREIN MEETS ALL REQUIREMENTS OF THE APPLICABLE SPECIFICATION.

KOBE STEEL, LTD. WELDING BUSINESS

SAIJO PLANT

ГЛАВНЫЙ ИНСПЕКТОР CHIEF INSPECTOR

