

INSPECTION CERTIFICATE

LLC NGS GROUP

PURCHASER
PO NO:WX075801

COVERED ELECTRODE

CERTIFICATE 420241570
13.12.2024
DATE OF ISSUE Dec.13,2024

| | | | |
|-------------------|-----------------------|-----------|---|
| TRADE DESIGNATION | (mm) DIMENSION(mm) | MFG.No. | APPLICABLE SPECIFICATION AND CLASSIFICATION |
| LB - 52U | 2.6 | D12663076 | 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 | 0.06 | 0.59 | 1.00 | 0.009 | 0.004 | 0.01 | 0.01 | 0.03 | <0.01 | 0.01 | <0.01 | 1.05 | |
| 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% YIELD STRENGTH AT 0.2% OFFSET | | TENSILE STRENGTH | | ELONGATION | TEST TEMP. | IMPACT VALUE | | | | - |
| - MPa | 475 MPa | 566 MPa | | 38 % | -40 | | AVG. | EACH | | | - |
| | | | | | | 104 J/cm ² | 119 114 80 J/cm ² | | | - | |

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

