

INSPECTION CERTIFICATE

OF FLUX CORED WIRE FOR STAINLESS STEEL

According to EN 10204-3.1

PURCHASER _____

CERTIFICATE NO: KC21-370

DATE OF ISSUE: 12/11/2021

| TRADE DESIGNATION | DIAMETER (mm) | MFG.NO. | APPLICABLE SPECIFICATION AND CLASSIFICATION |
|-------------------|---------------|---------|---|
| DW-A904L | 1.2 | N11330 | EN ISO 17633-A T 20 25 5 Cu N L P M21 2 |

1.CHEMICAL COMPOSITIONS OF ALL WELD METAL(wt%)

| ELEMENT | C | Si | Mn | P | S | Cu | Ni | Cr | Mo | N | Nb | |
|------------|-------|------|------|-------|-------|------|-------|-------|------|------|------|--|
| WELD METAL | 0.023 | 0.46 | 1.47 | 0.017 | 0.002 | 1.41 | 25.37 | 21.40 | 4.51 | 0.13 | 0.02 | |

| ELEMENT | V | | | | | | | | | | | |
|------------|------|--|--|--|--|--|--|--|--|--|--|--|
| WELD METAL | 0.06 | | | | | | | | | | | |

2.TENSILE TEST OF ALL WELD METAL (ACCORDING TO ISO 17633)

| YIELD STRENGTH at 0.2% OFFSET MPa | TENSILE STRENGTH MPa | ELONGATION GL=5D(%) |
|---|----------------------------|------------------------|
| 423 | 663 | 39 |

3.CHARPY IMPACT TEST OF ALL WELD METAL

| TESTING TEMPERATURE (°C) | ABSORBED ENERGY(J) | |
|--------------------------------|--------------------|---------|
| | EACH | AVERAGE |
| | | |

4.WELDING CONDITIONS FOR THE TESTING

| TYPE OF CURRENT | DC+ | SHIELDING GAS | 80%Ar+20%CO2 |
|-----------------|---------|---------------|--------------|
| WELDING CURRENT | 180 (A) | ARC VOLTAGE | 29.0 (V) |

5.REMARKS

According to GofQ DW-A904L R0

WE HEREBY CERTIFY THAT THE TEST RESULTS OF THE ABOVE
WELDING MATERIAL ARE CORRECT



KOBELCO WELDING OF EUROPE B.V.
QA Manager