

# INSPECTION CERTIFICATE

**KOBELCO WELDING OF EUROPE B.V.**

FLUX CORED WIRE

PURCHASER \_\_\_\_\_

CERTIFICATE NO: **KC23-241**  
DATE OF ISSUE: **03/08/2023**

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
DW-A904L	1.2	N30900	EN ISO 17633-A T 20 25 5 Cu N L P M21 2

**1. CHEMICAL COMPOSITIONS OF ALL WELD METAL(wt%) (ACCORDING TO EN 10204 TYPE 3.1)**

ELEMENT	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	N	Nb
WELD METAL	0.023	0.43	1.48	0.018	0.003	1.42	25.40	21.25	4.53	0.14	0.02
ELEMENT WELD METAL	V										
	0.06										

**2. MECHANICAL PROPERTY OF ALL WELD METAL (ACCORDING TO EN ISO)**

**2.a TENSILE TEST (ACCORDING TO EN 10204 TYPE 3.1)**

YIELD STRENGTH at 0.2% OFFSET (MPa)	TENSILE STRENGTH (MPa)	ELONGATION GL=5D(%)
394	655	38

**2.b CHARPY IMPACT (ACCORDING TO EN 10204 TYPE 3.1)**

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

**3. WELDING CONDITIONS FOR THE TESTING**

TYPE OF CURRENT	DC+	SHIELDING GAS	80%A+20%CO2
WELDING CURRENT	180 (A)	ARC VOLTAGE	28.0 (V)

**4. REMARKS**

According to GoIQ DW-A904L R0

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



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QA Manager