

# INSPECTION CERTIFICATE

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

FLUX CORED WIRE

PURCHASER \_\_\_\_\_

CERTIFICATE NO: KC23-348

DATE OF ISSUE: 22/11/2023

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
DW-A50	1.2	NC3B3213666	AWS A5.20 E71T-1M EN ISO 17632-A - T 42 2 P M 1 H5

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	V	Nb	
WELD METAL	0.03	0.52	1.34	0.011	0.010	0.01	0.01	0.02	0.01	0.02	0.01	
ELEMENT												
WELD METAL												

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(%)
502	577	28

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

TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J)			AVERAGE
	EACH			
-20	151	129	152	144

3. WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	80%Ar+20%CO2
WELDING CURRENT	260 (A)	ARC VOLTAGE	30.0 (V)

4. REMARKS

According to GofQ DW-A50 R1

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



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QA Manager