KOBELCO WELDING OF EUROPE B.V.

INSPECTION CERTIFICATE

FLUX CORED WIRE

PURCHASER _____

CERTIFICATE NO: KC24-019

DATE OF ISSUE: 16/01/2024

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
DW-A50	1.2	NF416113666	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	0.04	0.51	1.35	0.011	0.010	0.02	0.01	0.03	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(%)
480	548	26

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

TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J) EACH			AVERAGE
-20	139	142	139	140

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