

INSPECTION CERTIFICATE

KOBELCO WELDING OF EUROPE B.V.

FLUX CORED WIRE

PURCHASER _____

CERTIFICATE NO: KC22-381

DATE OF ISSUE: 08/12/2022

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
DW-A50	1.2	NF2B6413666	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	0.52	1.32	0.009	0.008	0.06	0.03	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(%)
508	582	27

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

TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J)			
	EACH	AVERAGE		
-20	123	122	102	116


3. WELDING CONDITIONS FOR THE TESTING

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