

INSPECTION CERTIFICATE

KOBELCO WELDING OF EUROPE B.V.

FLUX CORED WIRE
According to EN 10204-3.1

PURCHASER _____

CERTIFICATE NO: KC21-366
DATE OF ISSUE: 08/11/2021

TRADE DESIGNATION	DIAMETER (mm) / WEIGHT (kg)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
DW-A50	1.2	NF1B6113666	AWS A5.20 E71T-1M EN ISO 17632-A - T 42 2 P M 1 H5

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

ELEMENT	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	
WELD METAL	0.04	0.59	1.40	0.009	0.010	0.02	0.02	0.03	0.01	0.02	0.01	
ELEMENT												
WELD METAL												

2.TENSILE TEST OF ALL WELD METAL

YIELD STRENGTH at 0.2% OFFSET MPa	TENSILE STRENGTH MPa	ELONGATION GL=5D(%)
561	617	26

3.CHARPY IMPACT TEST OF ALL WELD METAL

TESTING TEMPERATURE (°C)	ABSORBED ENERGY (J)			AVERAGE
	EACH			
-20	116	122	121	120

4.WELDING CONDITIONS FOR THE TESTING

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

5.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