

# INSPECTION CERTIFICATE

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

FLUX CORED WIRE  
According to EN 10204-3.1

PURCHASER \_\_\_\_\_

CERTIFICATE NO: KC21-317

DATE OF ISSUE: 21/09/2021

TRADE DESIGNATION	DIAMETER (mm) / WEIGHT (kg)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
DW-A50	1.2	NE195113666	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	1.41	0.009	0.007	0.01	0.01	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(%)
517	592	27

3. CHARPY IMPACT TEST OF ALL WELD METAL

TESTING TEMPERATURE (°C)	ABSORBED ENERGY (J)			AVERAGE
	EACH			
-20	120	136	127	128

4. WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	80%Ar+20%CO2
WELDING CURRENT	250 (A)	ARC VOLTAGE	31.0 (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