

INSPECTION CERTIFICATE

FLUX CORED WIRE

PURCHASER _____

CERTIFICATE NO: KC24-287
 DATE OF ISSUE: 27/08/2024

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION	
DW-A50	1.2	NF486113666	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	0.05	0.47	1.29	0.006	0.010	0.02	0.02	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(%)
553	613	28

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

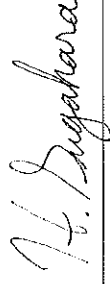
TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J)	
	EACH	AVERAGE
-20	114	128
	120	121

3. WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	80%Ar+20%CO2
WELDING CURRENT	270	(A)	ARC VOLTAGE
			32.0 (V)

4. REMARKS
 According to GofQ DW-A50 R1

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



KOBELCO WELDING OF EUROPE B.V.
 QA Manager