

INSPECTION CERTIFICATE

KOBELCO WELDING OF EUROPE B.V.

FLUX CORED WIRE

PURCHASER _____

CERTIFICATE NO: KC24-177

DATE OF ISSUE: 21/05/2024

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
MX-A55T	1.2	ND4446	AWS A5.28 E80C-G EN ISO 17632-A - T 46 6 1.5Ni M 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	0.44	1.52	0.009	0.018	0.03	1.41	0.03	0.01	0.00	< 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(%)
559	636	22

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

TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J)			AVERAGE
	EACH			
-60	54	64	57	58


3. WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	80%Ar+20%CO2
WELDING CURRENT	290 (A)	ARC VOLTAGE	31.0 (V)

4. REMARKS

ACCORDING TO GofQ MX-A55T R2

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



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QA Manager