KOBELCO WELDING OF EUROPE B.V.

INSPECTION CERTIFICATE

FLUX CORED WIRE

PURCHASER _____

CERTIFICATE NO: KC22-097

DATE OF ISSUE: 23/03/2022

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
MX-A55T	1.2	ND2346	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	0.04	0.42	1.49	0.006	0.016	0.02	1.55	0.02	0.01	0.01	< 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(%)
522	591	26

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

TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J) EACH			AVERAGE
-60	73	75	73	74

3. WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	80%Ar+20%CO2
WELDING CURRENT	270 (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

KOBELCO WELDING OF EUROPE B.V.

QA Manager