

INSPECTION CERTIFICATE

KOBELCO WELDING OF EUROPE B.V.

FLUX CORED WIRE

PURCHASER _____

CERTIFICATE NO: KC24-120

DATE OF ISSUE: 08/04/2024

TRADE DESIGNATION	DIAMETER (mm)	MFG.NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
MX-100T	1.2	NC4331	AWS A5.18 E70C-6M/-6C EN ISO 17632-A - T 42 2 M M/C 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	91
WELD METAL	0.08	0.52	1.46	0.010	0.018	0.02	0.01	0.02	0.01	0.00	< 0.01	0.04

ELEMENT												
WELD METAL												

91=Ni+Cr+Mo+V

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(%)
471	580	26

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

TESTING TEMPERATURE (°C)	ABSORBED ENERGY(J)		
	EACH	AVERAGE	
-20	75	72	74
-30	54	65	70

3. WELDING CONDITIONS FOR THE TESTING

TYPE OF CURRENT	DC+	SHIELDING GAS	100%CO2
WELDING CURRENT	280 (A)	ARC VOLTAGE	32.0 (V)

4. REMARKS

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

H. Sugahara

KOBELCO WELDING OF EUROPE B.V.

QA Manager