



# INSPECTION CERTIFICATION

Client		Heat No.	7512	Date of Delivery	July 28, 2023
Products	<b>E71T-1M</b>	Test No.	2307512	Date of Production	July, 2023
Order no.	42738	Size	1.2mm(7332)	Date of Test	June 10, 2023

### All-weld-metal/Chemical analysis(%)-CO2/MIXED GAS

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.09	0.39	1.37	0.013	0.012	0.006	0.007	0.008	0.006	0.22	0.08	0.22

### Welding conditions

Current type	DC-	Arc voltage(V)	low	Interpass temp.	150
Current(A)	low	Shielding Gas	No gas		

### All-weld-metal mechanical properties

#### Tensile test

Test no.	Heat treatment	Tensile strength(MPa)	Yield Strength(MPa)	Elongation(%)
2307512	-	478	---	18

#### Impact test

Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
2307512	V	-40	Mixture	91	95	90	87	92	91.00

Radiography	Bending test(Butt Weld)	Hydrogen Test
Π	OK	7.6

We hereby certify that the product described above "complies with the term of the order" and conforms with the related international standards"

Standard no.: AWS A5.20 E71T-1

EN ISO 17632-A - T 42 4 R C / M 2 H10

GB/T10045 E501T-1 Brand no:YHE71T-1

Approvals: CCS-ABS-LR-CWB-TÜV-DB-CE-BV

Inspecting Department : QC Department

Inspector : YAJUN,ZHAO

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