

# INSPECTION CERTIFICATION

According to EN 10204 3.1

Client		Heat No.	7408	Date of Delivery	July 28,2023
Products	<b>E71T-GS</b>	Test No.	2307408	Date of Production	July,2023
Order no.	42738	Size	0.8mm(7335)	Date of Test	July 23,2023

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.09	0.37	1.36	0.013	0.011	0.005	0.004	0.004	0.005	0.20	0.06	0.37

## 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(%)
2307408	-	436	---	18

### Impact test

Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
2307408	V	0	No gas	17	18	19	18	17	17.80

Radiography	Bending test(Butt Weld)	Hydrogen Test
II	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-GS**

Inspecting Department : QC Department

Inspector : **YAJUN,ZHAO**

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