



INSPECTION CERTIFICATION

According to EN 10204 3.1

Client		Heat No.	11409	Date of Delivery	Nov., 29, 2022
Products	E71T-GS	Test No.	2211409	Date of Production	Nov, 2022
Order no.	41609	Size	0.9mm(7336)	Date of Test	Nov., 26, 2022

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.08	0.36	1.36	0.012	0.012	0.004	0.006	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(%)			
2211409	-	436		---		18			
Impact test									
Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
2211409	V	0	No gas	17	18	18	18	17	17.60
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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