INSPECTION CERTIFICATE **According to EN 10204 3.1**

Client	SWP	Heat No.	4949	Date of Delivery	Jan.,21,2024
Products	**Super 6 SG2**	Test No.	834949	Date of Production	Jan.,2023
Order no.	43833	Size	1.0mm(XL7305)	Date of Test	Jan.,10,2023

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.08	0.87	1.56	0.012	0.012	0.005	0.005	0.004	0.003	0.002	0.03	0.22

Welding conditions

Current type	DC+	Arc voltage(V)	22-26	Inter pass temp.	150
Current(A)	220-260	Shielding Gas	EN ISO 14175-C1,M20,M21		

All-weld-metal mechanical properties

Tensile test				
Test no.	Heat treatment	Tensile strength(MPa)	Yield Strength(MPa)	Elongation(%)
834949	-	547	457	28

Impact test									
Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
834949	V	-40	M21	95	96	95	95	93	94.80
834949	V	-40	C1	84	85	83	83	84	83.80

Radiography	Bending test(Butt Weld)	Hydrogen Test
Π	OK	2.78

Standard no.: AWS A5.18 ER70S-6 **0036**

EN ISO 14341-A-G 42 4C1/M21 3Si1 **14**

DIN 8559 SG2 **DOP Ref.::Super 6 SG2 2017-001**

Approvals: TÜV SÜD **EN13479:2017**

CPR Certificate no.:0036-CPR-S 128.2020.001

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