INSPECTION CERTIFICATION

According to EN 10204 3.1

Client		Heat No.	8897	Date of Delivery	March 11,2021
Products	**Super SG2**	Test No.	538897	Date of Production	March,2021
Order no.	37973	Size	1.2mm(7309)	Date of Test	March 7,2021

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.08	0.88	1.57	0.013	0.012	0.005	0.004	0.003	0.002	0.002	0.03	0.22

Welding conditions

Current type	DC+	Arc voltage(V)	22-26	Interpass 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(%)
538897	-	547	458	28

Impact test

Test no.	Notch type	Test temperature	Shielding Gas	Impact value(J)					Average
				1	2	3	4	5	
538897	V	-40	M21	91	89	89	88	90	89.40
538897	V	-40	C1	86	87	84	85	84	85.20

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 SG2 2014-001**

Approvals: TÜV SÜD **EN13479:2017**

CPR Certificate no.:0036-CPR-S 103.2017.001

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

Inspecting Department :__QC Department_____

Inspector :__***Jeremy Packer***

Specialised welding Products Ltd

Unit 1 , Withins Road,Haydock Industrial Estate,Haydock,WA11 9UD

www.specialisedwelding.co.uk