



INSPECTION CERTIFICATE According to EN 10204 3.1

Client	SWP	Date of Delivery	9 October 2015	Heat Number	0712
Products	Super6 SG2	Date of Production	October 2015	Test Number	830712
Order No.	24139	Date of Test	6 October 2015	Specification	1.0mm

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

C	Si	Mn	P	S	Cr	Ni	Mo	V	Al	Ti+Zr	Cu
0.06	0.87	1.55	0.013	0.011	0.007	0.008	0.006	0.007	0.008	0.07	0.22

Welding Conditions

Current Type	Current (A)	Arc Voltage (V)	Interpass Temp.	Shielding Gas
DC+	220-260	22-26	150	EN ISO 14175-C1, M20, M21

All-weld-metal Mechanical Properties

Tensile Test									
Test Number	Heat Treatment	Tensile Strength (MPa)		Yield Strength (MPa)		Elongation (%)			
830712	-	543		437		28			
Impact Test									
Test Number	Notch Type	Shielding Gas	Test Temperature	Impact Value (J)					Average
				1	2	3	4	5	
830712	V	C1	-40	89	87	88	91	86	88.2
Radiography		Bending Test (Butt Weld)			Hydrogen Test				
II		OK			2.75				



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Standard no.: AWS A5.18 ER70S-6
EN ISO 14341-A-G 42 4C1/M21 3Si1
DIN 8559 SG2

DOP Ref: Super6 SG2 2014-001
EN13479:2004

Approvals: TÜV SÜD

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 : Yajun,Zhao