



Superon Schweisstechnik India Ltd

Plot no. 552, Pace City-II, Sector 37, Gurgaon,
Haryana-122001, India

An ISO 9001 , ISO 14001 &
BS OHSAS 18001 Certified Company

TEST CERTIFICATE AS PER EN 10204 TYPE:3.1

CUSTOMER : SWP- U.K		P.O./P.I. N0	43138/08.08.2023
		INVOICE N0./DATE	EXP/23-24/469/30.09.2023
		QTY.(Kgs.)	40.00
Brand/Grade:	SUPER OPTIMAL 308L-17	Report No: SUP 2023/5794	
Size (mm):	2.50X350	Date of issue: 30.09.2023	
Standard-No./ Classifications:	AWS A5.4 : E308L-17	PART No.7438S	
Batch No/Heat No:	GP 23441		
Date of Mfg:	29.09.2023		

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb	V	N
Spec.	0.04 Max.	1.00 Max.	0.50- 2.5	0.03 Max.	0.04 Max.	18.0- 21.0	9.0- 11.0	0.75 Max.	0.75 Max.	-	-	-
Result	0.026	0.88	0.73	0.012	0.026	19.17	9.60	0.070	0.060	-	-	0.072

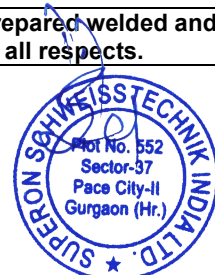
Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At --- (°C)	Hardness (As welded)	Ferrite(FN) as per WRC-1992
Spec:	-	520 Min.	30 Min.	-	-	-
Result	-	631	40.60	-	-	6

Diffusible Hydrogen:- (ml/100gm of weld metal)	--	Coating Moisture(%):-	--
Radiography:-	Satisfactory	Fillet weld Test:-	Satisfactory
Bend Test:-	--	PWHT:-	--

Intergranular Corrosion Test as per ASTM A 262:2008 Practice E :Acceptable
TEST CONDUCTED AS PER : AWS-SFA-A5.4 : E308L-17

We certify that the statement in this test report are correct and that the test welds were prepared welded and tested in Accordance with the requirement conforming to ASME BPVC.II.C Latest Edition 2021, in all respects.



Manager Quality Assurance