



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	42118/23.01.2023
	INVOICE N0.	EXP/23-24/073
	QTY.(Kgs.)	62.00

Brand/Grade: SUPER OPTIMAL 309L-17 **Report No: SUP 2023/1388**

Size (mm): 2.50X350 **Date of issue:** 30.04.2023

Standard-No./ Classifications: AWS A5.4 : E309L-17 **PART No.7442S**

Batch No/Heat No: GP 19390

Date of Mfg: 26.04.2023

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.	22.0- 25.0	12.0- 14.0	0.75 Max	0.75 Max.	-	-	-
Result	0.025	0.88	0.72	0.012	0.026	23.40	12.38	0.12	0.084	-	-	0.076

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	-	586	38.40	-	-	13

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

Intergranular Corrosion Test as per ASTM A 262:2008 Practice E : Acceptable

TEST CONDUCTED AS ER : AWS/SFA-A5.4 : E309L-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