



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. NO	42795/02.06.2023
	INVOICE NO./DATE	EXP/23-24/357/30.08.2023
	QTY.(Kgs.)	100.00

Brand/Grade: SUPER OPTIMAL 309L-17 Report No: SUP 2023/3621
 Size (mm): 2.50X350 Date of issue: 30.08.2023
 Standard-No./ Classifications: AWS A5.4 : E309L-17 PART No.7442S
 Batch No/Heat No: GP 22144
 Date of Mfg: 19.08.2023

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	0.024	0.88	0.72	0.014	0.024	23.33	12.37	0.10	0.088	-	-	0.073

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	-	582	38.10	-	-	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