

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

	P.O./P.I. N0	SSIL/EXP/PI/23-24/137/07.06.2023 & SSIL/EXP/PI/22-23/754/22.03.2023
	INVOICE N0./DATE	EXP/23-24/281/28.07.2023
	QTY.(Kgs.)	700.00

Brand/Grade: AG E 309L-16

Report No: SUP 2023/2890

Size (mm): 2.00X300

Date of issue: 28.07.2023

Standard-No./
Classifications: AWS A5.4 : E309L-16

Batch No/Heat No: GP 20934

Date of Mfg: 07.07.2023

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	0.026	0.86	0.68	0.013	0.024	23.34	12.28	0.088	0.096	-	-	0.074

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:	-	-	-	-	-	-
Result	-	-	-	-	-	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-16