



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

CUSTOMER : LLC<ALFA GLOBAL> - RUSSIA

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.)	8500.00

Brand/Grade: AG E 308L-16

Report No: SUP 2023/2886

Size (mm): 2.00X300

Date of issue: 28.07.2023

Standard-No./
Classifications: AWS A5.4 : E308L-16

Batch No/Heat No: GP 20948

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.	18.0- 21.0	9.0- 11.0	0.75 Max.	0.75 Max.	-	-	-
Result	0.025	0.87	0.71	0.014	0.026	19.13	9.60	0.074	0.086	-	-	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:	-	-	-	-	-	-
Result	-	-	-	-	-	6

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 PER : AWS/SFA-A5.4 : E308L-16