

Superon Schweisstechnik India LtdPlot no. 552, Pace City-II, Sector 37, Gurgaon,
Haryana-122001, India

group of companies

ALFA GLOBALAn ISO 9001, ISO 14001 &
BS OHSAS 18001 Certified Company**TEST CERTIFICATE**
AS PER EN 10204 TYPE:3.1**CUSTOMER :** LLC<ALFA GLOBAL>-RUSSIA**P.O./P.I. NO** SSIL/EXP/PI/23-24/408,409,410&
411/31.10.2023**INVOICE NO./DATE** EXP/23-24/558/19.01.2024**QTY.(Kgs.)** 1500.00**Brand/Grade:** E 316L-16**Report No:** SUP 2024/653**Size (mm):** 2.00X300**Date of issue:** 19.01.2024**Standard-No./** AWS A5.4 : E316L-16
Classifications:**Batch No/Heat No:** GP 24394**Date of Mfg:** 31.10.2023**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.	17.0- 20.0	11.0- 14.0	2.0- 3.0	0.75 Max.	-	-	-
Result	0.026	0.89	0.73	0.012	0.022	18.46	11.54	2.54	0.13	-	-	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 : E316L-16**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 2023, in all respects****Manager Quality Assurance****Corporate Office :** Plot No. 552, Sector – 37, Pace City – II, Gurgaon, Haryana-122001, IndiaTel. : +91-124-4940900. E-mail : export@superoncorp.com, Website: www.superoncorp.com