

TEST CERTIFICATE

AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC<ALFA GLOBAL> - RUSSIA

P.O./P.I. NO	SSIL/EXP/PI/23-24/137/07.06.2023 & SSIL/EXP/PI/22-23/754/22.03.2023
INVOICE NO./DATE	EXP/23-24/281/28.07.2023
QTY.(Kgs.)	800.00

Brand/Grade: AG E 309L-16

Report No: SUP 2023/2889

Size (mm): 2.60X350

Date of issue: 28.07.2023

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

Batch No/Heat No: GP 20935

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	0.025	0.89	0.80	0.012	0.024	23.30	12.32	0.10	0.080	-	-	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	38.60	-	-	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

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