

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 : LLC <ALFA GLOBAL> - RUSSIA

P.O./P.I. NO SSIL/EXP/PI/23-24/407/31.10.2023

INVOICE NO./DATE EXP/23-24/559/10.01.2024

QTY.(Kgs.) 1000.00

Brand/Grade: AG E 2209-16

Report No: SUP 2024/847

Size (mm): 4.00X350

Date of issue: 10.01.2024

Standard-No./
Classifications: AWS A5.4 : E2209-16

Batch No/Heat No : GP 24371

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- 2.0	0.03 Max.	0.04 Max.	21.5- 23.5	8.5- 10.5	2.5- 3.5	0.75 Max.	-	-	0.08-0.20
Result	0.024	0.78	1.22	0.010	0.022	23.33	9.58	3.18	0.044	-	-	0.15

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:	-	690 Min.	20 Min.	-	-	-
Result	-	760	28.60	-	-	43

Diffusible Hydrogen:- (ml/100gm of weld metal)	--	Coating Moisture (%):-	--
Radiography:-	Satisfactory	Fillet weld Test:-	Satisfactory
Bend Test:-	--	PWHT:-	--

TEST CUNDUCTED AS PER : AWS/SFA-A5.4 : E2209-16

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

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