group of companies
ALFA GLOBAL

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. N0	SSIL/EXP/PI/23-24/406/31.10.2023
INVOICE N0./DATE	EXP/23-24/555/05.01.2024
QTY.(Kgs.)	1000.00

Brand/Grade: AG E 307-16

Report No: SUP 2024/390

Size (mm): 3.20X350

Date of issue: 05.01.2024

Standard-No./ Classifications: AWS A5.4 : E307 -16

Batch No/Heat no: GP 24365

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.	0.04-0.14	1.00 Max.	3.30-4.75	0.03 Max.	0.04 Max.	18.00-21.50	9.00-10.70	0.50-1.50	0.75 Max.	-	-	-
Result	0.098	0.84	4.52	0.011	0.018	18.72	9.60	0.52	0.22	-	-	-

Mechanical Properties of All Weld Metal

	ield Strength (N/mm^2)	Tensile Strength (N/mm^2)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At --- (^0C)	Hardness (As welded	Ferrite(FN) as per WRC-1992
Spec:	-	590 Min.	30 Min.	-	-	-
Result	-	650	35.20	-	-	Fully Austenit

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

TEST CONDUCTED AS PER : AWS/SFA-A5.4 : E307-16

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.

SUPERON SCHWEISSTECHNIK INDIA LTD. Plot No. 552 Sector-37 Pace City-II Gurgaon (Hr.)

Manager Quality Assurance

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