



group of companies
ALFA GLOBAL

Superon Schweisstechnik (I) Ltd

191-D, Sector- IV, Phase- II, IMT Manesar Gurgaon,
Haryana- 122050

An ISO 9001 , ISO 14001 &
BS OHSAS 18001 Certified Company



TEST CERTIFICATE AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC"PROFSNABCOMPLECT"
(LLC PROF-SK)-RUSSIA

P.O./P.I. NO	SSIL/EXP/PI/20-21/801/17.03.2021
INVOICE NO./DATE	EXP/21-22/081/01.05.2021
QTY.(Kgs.)	8000.00

Brand/Grade: AG E-46 PREMIUM

Report No: SUP 2021/2479

Size (mm): 3.20X350

Date of issue: 01.05.2021

**Standard-No./
Classifications:** AWS A5.1:E 6013

Batch No/Heat No: M 67195

Date of Mfg: 20.04.2021

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb	V	N
Spec.	0.20 MAX.	1.00 MAX.	1.20 MAX.	N.S.	N.S.	0.20 MAX.	0.30 MAX.	0.30 MAX.	-	-	0.08 MAX.	-
Result	0.078	0.25	0.43	0.013	0.026	0.018	0.015	0.004	-	-	0.016	-

Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At 0 (°C)	Hardness (As welded)	Ferrite (FN)
Spec:	330 Min.	430 Min.	17 Min.	Not Specified	-	-
Result	440	516	24.50	72,68,78,72,74 Avg.=72.67	-	-

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

TEST CONDUCTED AS PER : AWS-SFA: 5.1 E 6013

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 2019,in all respects.



Manager Quality Assurance

Corporate Office : Plot No. 552, Sector – 37, Pace City – II, Gurgaon, Haryana-122001,
Tel. : +91-124-4940900. Fax : +91-124-4365432. E-mail : sales@superonindia.com