



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 ALFA GLOBAL-RUSSIA

P.O./P.I. NO

SSIL/EXP/PI/21-22/125+126/26.05.2021  
SSIL/EXP/PI/2122/138/31.05.2021/SSIL/EXP/PI/21-  
22/278/05.08.2021

INVOICE

EXP/22-23/128/06.06.2022

QTY.(Kgs.)

30.00

Brand/Grade: AG E 347-16

Report No: SUP 2022/1208

Size (mm): 2.00X300

Date of issue: 06.06.2022

Standard-No./  
Classifications: AWS A5.4 :E 347-16

Batch No/Heat No: M 73292

Date of Mfg: 20.12.2021

#### All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb+Ta	V	N
Spec.	0.08 Max.	1.00 Max.	0.50- 2.5	0.03 Max.	0.04 Max.	18.0- 21.0	9.0- 11.0	0.75 Max.	0.75 Max.	8XC,Min- 1.00 Max	-	-
Result	0.025	0.88	0.72	0.013	0.025	19.19	9.61	0.032	0.088	0.46	-	0.076

#### Mechanical Properties of All Weld Metal

	Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At --- (°C)	Hardness (As welded)	Ferrite(FN) as per WRC-1992
Spec:	-	520 Min.	30 Min.	-	-	-
Result	-	614	41.00	-	-	7

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

Intergranular Corrosion Test as per ASTM A 262:2008 Practice E :Acceptable

TEST CONDUCTED AS PER : AWS-SFA:5.4 E 347-16

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 2019,in all respects.



Manager Quality Assurance

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