

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



group of companies
ALFA GLOBAL

TEST CERTIFICATE AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC <ALFA GLOBAL> - RUSSIA

| | |
|------------------|--|
| P.O./P.I. NO | SSIL/EXP/PI/22-23/228/12.07.2022 SSIL/EXP/PI/22-23/027/07.04.2022 |
| INVOICE NO./DATE | EXP/22-23/329/29.08.2022 |
| QTY.(Kgs.) | 200.00 |

Brand/Grade: AG E NiCrFe-3

Report No: SUP 2022/2261

Size (mm): 3.20X350

Date of issue: 29.08.2022

Standard-No./
Classifications: AWS A5.11 : ENiCrFe-3

Batch No /Heat No : GP 11640

Date of Mfg: 10.06.2022

All Weld Metal Chemical Analysis (%)

| Element | C | Si | Mn | S | P | Cr | Ni | Cu | Nb | Fe |
|---------|--------------|--------------|-----------|---------------|---------------|-----------|---------------|--------------|-----------|---------------|
| Spec. | 0.10 Max. | 1.00 Max. | 5.00-9.50 | 0.015 Max. | 0.030 Max. | 13.0-17.0 | 59.00 Min. | 0.50 Max. | 1.00-2.50 | 10.00 Max. |
| Result | 0.058 | 0.42 | 8.55 | 0.001 | 0.008 | 14.88 | 66.10 | 0.065 | 1.22 | 8.92 |

Mechanical Properties of All Weld Metal

| | Yield Strength (N/mm ²) | Tensile Strength (N/mm ²) | Elongation (%) | Charpy Impact Avg. value(Joules) Temp. At -(^o C) | Hardness (As welded) | Ferrite (FN) |
|--------|-------------------------------------|---------------------------------------|----------------|--|----------------------|--------------|
| Spec: | -- | 550 Min. | 30 Min. | -- | -- | -- |
| Result | -- | 592 | 37.00 | --- | -- | -- |

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

TEST CONDUCTED AS PER : AWS/SFA-A5.11 : ENiCrFe-3

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

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