

# Superon Schweisstechnik India Ltd

Plot no. 552, Pace City-II, Sector 37, Gurgaon,  
Haryana-122001, India



group of companies  
**ALFA GLOBAL**

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/22-23/177/20.06.2022 |
| INVOICE NO./DATE | EXP/22-23/369/23.09.2022         |
| QTY.(Kgs.)       | 104.00                           |

Brand/Grade : AG E 308H-15

Report No: SUP 2022/3053

Size ( mm ) : 2.50X350

Date of issue: 23.09.2022

Standard-No./ : AWS A5.4 :E 308H-15  
Classifications

Batch No/Heat No: GP 13633

Date of Mfg: 29.08.2022

All Weld Metal Chemical Analysis (%)

| Element | C             | Si           | Mn           | S            | P            | Cr            | Ni           | Mo           | Cu           | Nb | V | N     |
|---------|---------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|----|---|-------|
| Spec.   | 0.04-<br>0.08 | 1.00<br>Max. | 0.50-<br>2.5 | 0.03<br>Max. | 0.04<br>Max. | 18.0-<br>21.0 | 9.0-<br>11.0 | 0.75<br>Max. | 0.75<br>Max. | -  | - | -     |
| Result  | 0.055         | 0.41         | 1.30         | 0.012        | 0.026        | 20.07         | 10.50        | 0.036        | 0.069        | -  | - | 0.060 |

Mechanical Properties of All Weld Metal

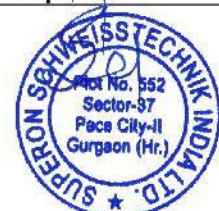
|        | Yield Strength (N/mm <sup>2</sup> ) | Tensile Strength (N/mm <sup>2</sup> ) | Elongation (%) | Charpy Impact Avg. value(Joules) Temp. At --- (°C) | Hardness (As welded) | Ferrite(FN) as per WRC-1992 |
|--------|-------------------------------------|---------------------------------------|----------------|--|----------------------|-----------------------------|
| Spec:  | -                                   | 550 Min.                              | 30 Min.        | -  | -                    | -                           |
| Result | -                                   | 626                                   | 40.00          | -  | -                    | 4                           |

|  |              |                       |              |
|--|--------------|-----------------------|--------------|
| 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 308H-15

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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