



group of companies
ALFA GLOBAL

Superon Schweisstechnik India Ltd.

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INSPECTION CERTIFICATE AS PER EN 10204-3.1

| | | | |
|--|--|----------------------|----------------------------------|
| CUSTOMER : LLC ALFA GLOBAL-RUSSIA |  | MTR NO. / ISSUE DATE | EXP-616/27.01.2023 |
| | | BATCH NO. | M-13094 |
| INVOICE NO. / P.O. NO. : EXP/22-23/744 DT-27.01.2023/SSIL/EXP/PI/22-23/516 DT-01.12.2022 | An ISO 9001, ISO 14001 & BS OHSAS 18001 Certified Company | GRADE | ER 347Si |
| | | SUPPLY CONDITION | STAINLESS STEEL MIG WELDING WIRE |
| | | SURFACE FINISH | BRIGHT DRAWN, BRIGHT FINISH |
| | | BRAND NAME | AG TIG ER 347SI |

| CHEMICAL COMPOSITION OF WIRE :- | | | | | | | | | | | | | | | |
|---------------------------------|-----------------------|------------------|--------------|-------------------|-------|------|------|-------|-------|-------|-------|------|-------|------|-------|
| SR. NO. | DIAMETER (mm) | NUMBER OF SPOOLS | WEIGHT (KGS) | HEAT NO SPECIFIED | %C | %Mn | %Si | %S | %P | %Cr | %Ni | %Cu | %Mo | %Nb | %N2 |
| ELEMENTS % | | | | MIN | - | 1.00 | 0.65 | - | - | 19.00 | 9.00 | - | - | 10XC | - |
| | | | | MAX | 0.080 | 2.50 | 1.00 | 0.030 | 0.030 | 21.50 | 11.00 | 0.75 | 0.75 | 1.00 | - |
| 1 | 1.20 (BS300/15KGS) | 26 | 390.00 | S5988 | 0.021 | 1.75 | 0.77 | 0.006 | 0.028 | 19.22 | 9.36 | 0.14 | 0.140 | 0.28 | 0.088 |

| MECHANICAL PROPERTIES OF ALL WELD METAL:- | | | | | | | | | | | |
|---|----------------------|----------------------|--------------|---------------------|----------------|----------------------------|------------------|------------|------------|------------|------------|
| SL. NO. | TENSILE STRENGTH | 0.2% PROOF STRESS | ELONGATION % | REDUCTION OF AREA % | HARDNESS (BHN) | FERRITE NO (FN) (WRC-1992) | INCLUSION RATING | | | | |
| | | | | | | | A | A | A | A | A |
| - | (N/mm ²) | (N/mm ²) | Lo=100 | - | - | - | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN |
| 1 | 640 | 475 | 34 | 72 | 192 | 8 | - | - | - | - | - |

| | |
|---------------------------------------|---|
| SPECIFICATION :- | |
| TENSILE STRENGTH | AS PER AWS A5.9/A5.9 M : 2021 |
| DIAMETER TOLERANCE | AS PER AWS A5.9/A5.9 M : 2021 |
| % ELONGATION | STANDARD |
| MATERIAL SPECIFICATION | MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2021 |
| IGC TEST AS PER ASTM A262 PRACTICE"E" | SATISFACTORY |

MATERIAL IS FREE FROM MERCURY CONTAMINATION , FREE FROM WELD AND WELD REPAIRS .
RADIOACTIVITY TEST : WE CONFIRM THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION.



WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF ORDER / CONTRACT. AUTHORIZED SIGNATORY