



group of companies
ALFA GLOBAL

Superon Schweisstechnik India Ltd.

Plant III : 552, Sector-37, Pace City -II, Gurgaon, Haryana - 122001,India
Regd. Office -15,16,Old Sewa Nagar Market, Lodhi Road, New Delhi-110003,India
Web:superoncorp.com, Email : Export@superoncorp.com

INSPECTION CERTIFICATE AS PER EN 10204-3.1

| | | | |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------|
| CUSTOMER : LLC ALFA GLOBAL-RUSSIA |  An ISO 9001, ISO 14001 & BS OHSAS ISO 45001 Certified Company | MTR NO. / ISSUE DATE | EXP-532/20.02.2024 |
| | | BATCH NO. | M-15297 |
| INVOICE NO. / P.O. NO. : EXP/23-24/809 DT-20.02.2024/SSIL/EXP/PI/23-24/413 DT-31.10.2023 | | GRADE | ER 2209 |
| | | SUPPLY CONDITION | STAINLESS STEEL MIG WELDING WIRE |
| | | SURFACE FINISH BRAND NAME | BRIGHT DRAWN, BRIGHT FINISH AGER 2209 |

| 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 | %N2 |
| ELEMENTS % | | | | MIN MAX | - | 0.50 | - | - | - | 21.50 | 7.50 | - | 2.50 | 0.08 |
| | | | | | 0.030 | 2.00 | 0.90 | 0.030 | 0.030 | 23.50 | 9.50 | 0.75 | 3.50 | 0.20 |
| 1 | 1.20 (BS300/15KGS) | 39 | 585.00 | 08149 | 0.020 | 1.63 | 0.47 | 0.002 | 0.026 | 23.18 | 7.70 | 0.20 | 2.82 | 0.1480 |

| 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 | 820 | 618 | 26 | 72 | 208 | 66 | - | - | - | - | - |

| | |
|---------------------------------------|---------------------------------------------|
| SPECIFICATION :- | |
| TENSILE STRENGTH | AS PER AWS A5.9/A5.9 M : 2023 |
| DIAMETER TOLERANCE | AS PER AWS A5.9/A5.9 M : 2023 |
| % ELONGATION | STANDARD |
| MATERIAL SPECIFICATION | MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2023 |
| 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

TRIAL MODE - a valid license will remove this message. See the keywords property of this PDF for more information.