


## INSPECTION CERTIFICATE AS PER EN 10204-3.1

| CUSTOMER : LLC ALFA GLOBAL-RUSSIA   |                      |                      |  | <br><b>An ISO 9001, ISO 14001 &amp; BS OHSAS 18001 Certified Company</b> |                |                             |                  | MTR NO. / ISSUE DATE |              | EXP-616/27.01.2023               |              |             |             |             |       |
|---|----------------------|----------------------|--|--|----------------|-----------------------------|------------------|----------------------|--------------|----------------------------------|--------------|-------------|-------------|-------------|-------|
| INVOICE NO. / P.O. NO. : EXP/22-23/744 DT-27.01.2023/SSIL/EXP/PI/22-23/516 DT-01.12.2022  |                      |                      |  |  |                |                             |                  | BATCH NO.            |              | M-13094                          |              |             |             |             |       |
|   |                      |                      |  |  |                |                             |                  | GRADE                |              | ER 347Si                         |              |             |             |             |       |
|   |                      |                      |  |  |                |                             |                  | SUPPLY CONDITION     |              | STAINLESS STEEL MIG WELDING WIRE |              |             |             |             |       |
|   |                      |                      |  | SURFACE FINISH   |                | BRIGHT DRAWN, BRIGHT FINISH |                  |                      |              |                                  |              |             |             |             |       |
|   |                      |                      |  | BRAND NAME   |                | AG TIG ER 347SI             |                  |                      |              |                                  |              |             |             |             |       |
| <b>CHEMICAL COMPOSITION OF WIRE :-</b>  |                      |                      |  |  |                |                             |                  |                      |              |                                  |              |             |             |             |       |
| SR. NO.   | DIAMETER (mm)        | NUMBER OF SPOOLS     | WEIGHT (KGS)   | HEAT NO SPECIFIED  | %C             | %Mn                         | %Si              | %S                   | %P           | %Cr                              | %Ni          | %Cu         | %Mo         | %Nb         | %N2   |
| <b>ELEMENTS %</b>   |                      |                      |  | <b>MIN</b>   | -              | <b>1.00</b>                 | <b>0.65</b>      | -                    | -            | <b>19.00</b>                     | <b>9.00</b>  | -           | -           | <b>10XC</b> | -     |
|   |                      |                      |  | <b>MAX</b>   | <b>0.080</b>   | <b>2.50</b>                 | <b>1.00</b>      | <b>0.030</b>         | <b>0.030</b> | <b>21.50</b>                     | <b>11.00</b> | <b>0.75</b> | <b>0.75</b> | <b>1.00</b> | -     |
| 1   | 1.20 (BS300/15KGS)   | 26                   | 390.00   | <b>S5988</b>   | 0.021          | 1.75                        | 0.77             | 0.006                | 0.028        | 19.22                            | 9.36         | 0.14        | 0.140       | 0.28        | 0.088 |
| <b>MECHANICAL PROPERTIES OF ALL WELD METAL:-</b>  |                      |                      |  |  |                |                             |                  |                      |              |                                  |              |             |             |             |       |
| 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 <sup>2</sup> ) | (N/mm <sup>2</sup> ) | Lo=100   | -  | -              | -                           | THICK THIN       | THICK THIN           | THICK THIN   | THICK THIN                       | THICK THIN   | THICK THIN  | THICK THIN  | THICK THIN  |       |
| 1   | 640                  | 475                  | 34   | 72   | 192            | 8                           | -                | -                    | -            | -                                | -            | -           | -           | -           |       |
| <b>SPECIFICATION :-</b>   |                      |                      | TENSILE STRENGTH<br>DIAMETER TOLERANCE<br>% ELONGATION<br>MATERIAL SPECIFICATION<br>IGC TEST AS PER ASTM A262 PRACTICE"E"<br>AS PER AWS A5.9/A5.9 M : 2021<br>AS PER AWS A5.9/A5.9 M : 2021<br>STANDARD<br>MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2021<br>SATISFACTORY |  |                |                             |                  |                      |              |                                  |              |             |             |             |       |
| MATERIAL IS FREE FROM MERCURY CONTAMINATION , FREE FROM WELD AND WELD REPAIRS .<br><b>RADIOACTIVITY TEST :</b> 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  |                      |                      |  |  |                |                             |                  |                      |              |                                  |              |             |             |             |       |