



## INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.  |                 |                      |  |                   | MTR NO. / ISSUE DATE |  | EXP-582/29.12.2022               |                  |              |              |              |             |             |        |
|---|-----------------|----------------------|--|-------------------|----------------------|--|----------------------------------|------------------|--------------|--------------|--------------|-------------|-------------|--------|
|   |                 |                      |  |                   | PART NO.             |  | 7226                             |                  |              |              |              |             |             |        |
| INVOICE NO./P.O. NO. : EXP/22-23/680 DT-29.12.2022/41777<br>DT-04.11.2022   |                 |                      |  |                   | BATCH NO.            |  | T-13952                          |                  |              |              |              |             |             |        |
|   |                 |                      |  |                   | GRADE                |  | ER 316L/( W 19 12 3 L)           |                  |              |              |              |             |             |        |
|   |                 |                      |  |                   | SUPPLY CONDITION     |  | STAINLESS STEEL TIG WELDING WIRE |                  |              |              |              |             |             |        |
|   |                 |                      |  |                   | SURFACE FINISH       |  | BRIGHT DRAWN, BRIGHT FINISH      |                  |              |              |              |             |             |        |
| <b>CHEMICAL COMPOSITION OF WIRE :-</b>  |                 |                      |  |                   |                      |  |                                  |                  |              |              |              |             |             |        |
| SR. NO.   | DIAMETER (mm)   | NUMBER OF PKTS       | WEIGHT (KGS)   | HEAT NO SPECIFIED | %C                   | %Mn  | %Si                              | %S               | %P           | %Cr          | %Ni          | %Cu         | %Mo         | %N2    |
| <b>ELEMENTS %</b>   |                 |                      |  | <b>MIN</b>        | -                    | <b>1.00</b>                                | -                                | -                | -            | <b>18.00</b> | <b>11.00</b> | -           | <b>2.00</b> | -      |
|   |                 |                      |  | <b>MAX</b>        | <b>0.030</b>         | <b>2.50</b>                                | <b>0.65</b>                      | <b>0.030</b>     | <b>0.030</b> | <b>20.00</b> | <b>14.00</b> | <b>0.75</b> | <b>3.00</b> | -      |
| 1   | 3.20 X 1000     | 5+2/4                | 110.00   | <b>A-5733</b>     | 0.027                | 1.57                                       | 0.59                             | 0.007            | 0.028        | 18.17        | 11.10        | 0.24        | 2.020       | 0.0550 |
| <b>MECHANICAL PROPERTIES OF WIRE :-</b>   |                 |                      |  |                   |                      |  |                                  |                  |              |              |              |             |             |        |
| SL. NO.   | SAMPLE DIAMETER | TENSILE STRENGTH     | 0.2% PROOF STRESS  | ELONGATION %      | REDUCTION OF AREA %  | CHARPY IMPACT VALUE (Joules) Temp. AT (RT) | FERRITE NO (FN) (WRC-1992)       | INCLUSION RATING |              |              |              |             |             |        |
|   |                 |                      |  |                   |                      |  |                                  | A                | A            | A            | A            | A           |             |        |
| -   | (mm)            | (N/mm <sup>2</sup> ) | (N/mm <sup>2</sup> )   | Lo=100            | -                    | -  | -                                | THICK THIN       | THICK THIN   | THICK THIN   | THICK THIN   | THICK THIN  | THICK THIN  |        |
| 1   | 3.20            | 804                  | -  | -                 | -                    | 6  | -                                | -                | -            | -            | -            | -           | -           |        |
| <b>SPECIFICATION :-</b>   |                 |                      | TENSILE STRENGTH AS PER DIN EN ISO 14343-A<br>DIAMETER TOLERANCE AS PER ISO 544<br>% ELONGATION STANDARD<br>MATERIAL SPECIFICATION MATERIAL CONFORMS TO DIN EN ISO 14343-A |                   |                      |  |                                  |                  |              |              |              |             |             |        |
| MATERIAL IS FREE FROM MERCURY CONTAMINATION , FREE FROM WELD AND WELD REPAIRS .<br><u>RADIOACTIVITY TEST</u> : 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.  |                 |                      |  |                   |                      |  |                                  |                  |              |              |              |             |             |        |

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