



## INSPECTION CERTIFICATE According to EN 10204 3.1

|   |                      |                                  |
|---|----------------------|----------------------------------|
| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.                              | MTR NO. / ISSUE DATE | EXP-250/13.09.2023               |
|   | PART NO.             | 7224                             |
|   | BATCH NO.            | T-15711                          |
|   | GRADE                | ER 316L/( W 19 12 3 L)           |
|   | SUPPLY CONDITION     | STAINLESS STEEL TIG WELDING WIRE |
| INVOICE NO./P.O. NO. : EXP/23-24/404 DT-13.09.2023/42795<br>DT-02.06.2023 | SURFACE FINISH       | BRIGHT DRAWN, BRIGHT FINISH      |

| CHEMICAL COMPOSITION OF WIRE :- |               |                |              |                   |       |      |      |       |       |       |       |      |       |        |
|---------------------------------|---------------|----------------|--------------|-------------------|-------|------|------|-------|-------|-------|-------|------|-------|--------|
| SR. NO.                         | DIAMETER (mm) | NUMBER OF PKTS | WEIGHT (KGS) | HEAT NO SPECIFIED | %C    | %Mn  | %Si  | %S    | %P    | %Cr   | %Ni   | %Cu  | %Mo   | %N2    |
| ELEMENTS %                      |               |                |              | MIN               | -     | 1.00 | -    | -     | -     | 18.00 | 11.00 | -    | 2.50  | -      |
|                                 |               |                |              | MAX               | 0.030 | 2.50 | 0.65 | 0.020 | 0.030 | 20.00 | 14.00 | 0.50 | 3.00  | -      |
| 1                               | 1.60 X 1000   | 50             | 1000.00      | A-6998            | 0.023 | 1.62 | 0.40 | 0.007 | 0.026 | 18.38 | 11.06 | 0.29 | 2.530 | 0.0700 |

| MECHANICAL PROPERTIES OF ALL WELD METAL :- |                      |                      |              |                     |  |                            |                  |      |       |      |       |      |       |      |
|--|----------------------|----------------------|--------------|---------------------|--|----------------------------|------------------|------|-------|------|-------|------|-------|------|
| SL. NO.                                    | 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     |      |       |      |
| -  | (N/mm <sup>2</sup> ) | (N/mm <sup>2</sup> ) | Lo=100       | -                   | -  | -                          | THICK            | THIN | THICK | THIN | THICK | THIN | THICK | THIN |
| 1  | 626                  | 468                  | 38           | 72                  | 98   | 8                          | -                | -    | -     | -    | -     | -    | -     | -    |

|                         |   |
|-------------------------|---|
| <b>SPECIFICATION :-</b> |   |
| TENSILE STRENGTH        | AS PER DIN EN ISO 14343-A               |
| DIAMETER TOLERANCE      | AS PER ISO 544                          |
| % ELONGATION            | STANDARD                                |
| MATERIAL SPECIFICATION  | MATERIAL CONFORMS TO DIN EN ISO 14343-A |
| COUNTRY OF ORIGIN       | INDIA                                   |

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.

Specialised Welding Products Ltd

Unit 1, Withins Point, Withins Road, Haydock Industrial Centre, Haydock, WA11 9UD, UK T: 01942 719930 E: sales@swp.uk.net

www.specialisedwelding.co.uk