



INSPECTION CERTIFICATE According to EN 10204 3.1

| | | |
|---|----------------------|----------------------------------|
| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | MTR NO. / ISSUE DATE | EXP-250/30.08.2023 |
| | PART NO. | 7220 |
| INVOICE NO./P.O. NO. : EXP/23-24/357 DT-30.08.2023/42795 DT-02.06.2023 | BATCH NO. | T-15704 |
| | GRADE | ER 309L/(W 23 12 L) |
| | SUPPLY CONDITION | STAINLESS STEEL TIG WELDING WIRE |
| | 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 | - | - | - | 22.00 | 11.00 | - | - | - |
| | | | | MAX | 0.030 | 2.50 | 0.65 | 0.020 | 0.030 | 25.00 | 14.00 | 0.50 | 0.50 | - |
| 1 | 2.40 X 1000 | 05 | 1000.00 | 19644 | 0.018 | 1.98 | 0.38 | 0.007 | 0.027 | 23.48 | 12.30 | 0.034 | 0.006 | 0.1390 |

| 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 ²) | (N/mm ²) | Lo=100 | - | - | - | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN |
| 1 | 624 | 487 | 36 | 72 | 96 | 9 | - | - | - | - | - |

| | |
|-------------------------|---|
| SPECIFICATION :- | |
| 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 |

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

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