



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | EXP-089/08.06.2023 | | | | | | | |
|---|----------------------|----------------------|--|---------------------|--|----------------------------|----------------------------------|--------------|--------------|--------------|--------------|-------------|-------------|------------|
| | | | | | PART NO. | | 7218 | | | | | | | |
| INVOICE NO./P.O. NO. : EXP/23-24/157 DT-08.06.2023/42420 DT-29.04.2023 | | | | | BATCH NO. | | T-14879 | | | | | | | |
| | | | | | GRADE | | ER 308L/(W 19 9 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 | - | - | - | 19.00 | 9.00 | - | - | - |
| | | | | MAX | 0.030 | 2.50 | 0.65 | 0.020 | 0.030 | 21.00 | 11.00 | 0.50 | 0.50 | - |
| 1 | 3.20 X 1000 | 03 | 60.00 | CH-19014 | 0.023 | 1.79 | 0.52 | 0.002 | 0.026 | 19.75 | 9.20 | 0.15 | 0.120 | 0.0750 |
| 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 | THICK THIN | THICK THIN | THICK THIN |
| 1 | 635 | 474 | 38 | 72 | 102 | 10 | - | - | - | - | - | - | - | - |
| SPECIFICATION :- | | | | | | | | | | | | | | |
| TENSILE STRENGTH DIAMETER TOLERANCE % ELONGATION MATERIAL SPECIFICATION | | | AS PER DIN EN ISO 14343-A AS PER ISO 544 STANDARD MATERIAL CONFORMS TO DIN EN ISO 14343-A | | | | | | | | | | | |
| MATERIAL IS FREE FROM MERCURY CONTAMINATION , FREE FROM WELD AND WELD REPAIRS . <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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