



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | EXP-274/13.09.2023 | | | | | | | |
|--|----------------------|----------------------|---|---------------------|--|----------------------------|----------------------------------|--------------|--------------|--------------|--------------|-------------|-------------|------------|
| | | | | | PART NO. | | 7223 | | | | | | | |
| INVOICE NO./P.O. NO. : EXP/23-24/404 DT-13.09.2023/42913 DT-27.06.2023 | | | | | BATCH NO. | | T-15710 | | | | | | | |
| | | | | | GRADE | | ER 316L/(W 19 12 3 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 | - | - | - | 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 | 1.20 X 1000 | 13 | 260.00 | 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 ²) | (N/mm ²) | Lo=100 | - | - | - | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN |
| 1 | 630 | 470 | 36 | 72 | 102 | 8 | - | - | - | - | - | - | - | - |
| 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 | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | |

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