



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | EXP-562/30.11.2023 | | | | | | | |
|--|-----------------------|----------------------|--------------|---------------------|--|----------------------------|----------------------------------|--------------|--------------|--------------|--------------|-------------|-------------|------------|
| | | | | | PART NO. | | 7211 | | | | | | | |
| INVOICE NO./P.O. NO. : EXP/23-24/598 DT-30.11.2023/43555 DT-31.10.2023 | | | | | BATCH NO. | | M-15345 | | | | | | | |
| | | | | | GRADE | | ER 312/(G 29 9) | | | | | | | |
| | | | | | SUPPLY CONDITION | | STAINLESS STEEL MIG WELDING WIRE | | | | | | | |
| | | | | | SURFACE FINISH | | BRIGHT DRAWN, BRIGHT FINISH | | | | | | | |
| CHEMICAL COMPOSITION OF WIRE :- | | | | | | | | | | | | | | |
| SR. NO. | DIAMETER (mm) | NUMBER OF SPOOLS | WEIGHT (KGS) | HEAT NO SPECIFIED | %C | %Mn | %Si | %S | %P | %Cr | %Ni | %Cu | %Mo | %N2 |
| ELEMENTS % | | | | MIN | - | 1.00 | - | - | - | 28.00 | 8.00 | - | - | - |
| | | | | MAX | 0.15 | 2.50 | 1.00 | 0.020 | 0.030 | 32.00 | 12.00 | 0.50 | 0.50 | - |
| 1 | 1.00 (BS300/15KGS) | 10 | 150.00 | E60751 | 0.090 | 1.84 | 0.38 | 0.001 | 0.022 | 30.65 | 8.77 | 0.09 | 0.700 | 0.0200 |
| 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 | 710 | 502 | 28 | 72 | 88 | 98 | - | - | - | - | - | - | - | - |
| 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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