



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | | | | EXP-411/10.11.2022 | | | | |
|--|----------------------|----------------------|---|---------------------|---|-------------------------------|------------------|--------------|--------------|----------------------------------|--------------|-------------|-------------|------------|
| | | | | | PART NO. | | | | | 7187 | | | | |
| INVOICE NO./P.O. NO. : EXP/22-23/528 DT-10.11.2022/41482 DT-05.09.2022 | | | | | BATCH NO. | | | | | M-12600 | | | | |
| | | | | | GRADE | | | | | ER 308LSi/(G 19 9L Si) | | | | |
| | | | | | 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 | 0.65 | - | - | 19.00 | 9.00 | - | - | - |
| | | | | MAX | 0.030 | 2.50 | 1.20 | 0.020 | 0.030 | 21.00 | 11.00 | 0.50 | 0.50 | - |
| 1 | 0.80 (SD200/5KGS) | 40 | 200.00 | CH-17763 | 0.024 | 1.80 | 0.85 | 0.002 | 0.028 | 20.00 | 9.25 | 0.032 | 0.013 | 0.0880 |
| 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 | 644 | 488 | 36 | 72 | 108 | 10 | - | - | - | - | - | - | - | - |
| 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. | | | | | | | | | | | | | | |