



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | EXP-852/29.04.2023 | | | | | | | |
|---|----------------------|----------------------|---|---------------------|---|-------------------------------|----------------------------------|------------|------------|--------------|--------------|------------|------------|------------|
| | | | | | PART NO. | | 7194 | | | | | | | |
| INVOICE NO./P.O. NO. : EXP/23-24/073 DT-29.04.2023/42118 DT-23.01.2023 | | | | | BATCH NO. | | M-13614 | | | | | | | |
| | | | | | GRADE | | ER 309LSi/(G 23 12 L 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 MAX | - | 1.00 | 0.65 | - | - | 22.00 | 11.00 | - | - | - |
| 1 | 1.00 (SD200/5KGS) | 30 | 150.00 | 339SBA610A | 0.018 | 1.81 | 0.84 | 0.005 | 0.026 | 23.46 | 12.53 | 0.12 | 0.190 | 0.1505 |
| 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 | 632 | 492 | 36 | 70 | 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 | | | | | | | | | | | |
| 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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