



INSPECTION CERTIFICATE According to EN 10204 3.1

| CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K. | | | | | MTR NO. / ISSUE DATE | | EXP-582/22.12.2022 | | | | | | | |
|---|-----------------|--|----------------------|-------------------|----------------------|--|----------------------------------|------------------|--------------|--------------|--------------|-------------|-------------|--------|
| | | | | | PART NO. | | 7230 | | | | | | | |
| INVOICE NO./P.O. NO. : EXP/22-23/680 DT-29.12.2022/41777 DT-04.11.2022 | | | | | BATCH NO. | | T-13912 | | | | | | | |
| | | | | | GRADE | | ER 310/(W 25 20) | | | | | | | |
| | | | | | 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 | 0.08 | 1.00 | - | - | - | 24.00 | 18.00 | - | - | - |
| | | | | MAX | 0.15 | 2.50 | 2.00 | 0.020 | 0.030 | 27.00 | 22.00 | 0.50 | 0.50 | - |
| 1 | 2.40 X 1000 | 1+2/4 | 30.00 | S6248 | 0.100 | 1.69 | 0.39 | 0.001 | 0.026 | 26.60 | 20.40 | 0.18 | 0.060 | 0.0500 |
| MECHANICAL PROPERTIES OF WIRE :- | | | | | | | | | | | | | | |
| SL. NO. | SAMPLE DIAMETER | 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 | | |
| - | (mm) | (N/mm ²) | (N/mm ²) | Lo=100 | - | - | - | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN | THICK THIN | |
| 1 | 2.40 | 892 | - | - | - | - | - | - | - | - | - | - | - | |
| 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. | | | | | | | | | | | | | | |

Specialised Welding Products Ltd

Unit 1, Withins Point, Withins Road, Haydock Industrial Centre, Haydock, WA11 9UD, UK T: 01942 719930 E: sales@swp.uk.net

www.specialisedwelding.co.uk