



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.		MTR NO. / ISSUE DATE EXP-278/19.10.2022	
		PART NO. 7224	
		BATCH NO. T-13234	
		GRADE ER 316L/(W 19 12 3 L)	
		SUPPLY CONDITION STAINLESS STEEL TIG WELDING WIRE	
		SURFACE FINISH BRIGHT DRAWN, BRIGHT FINISH	
INVOICE NO./P.O. NO. : EXP/22-23/459 DT-19.10.2022/41274			
DT-12.07.2022			

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	1.60 X 1000	101	2020.00	CH-16620	0.022	1.76	0.31	0.009	0.024	18.66	11.18	0.47	2.550	0.0740

MECHANICAL PROPERTIES OF WIRE :-

SL. NO.	SAMPLE DIAMETER (mm)	TENSILE STRENGTH (N/mm ²)	0.2% PROOF STRESS (N/mm ²)	ELONGATION % Lo=100	REDUCTION OF AREA %	CHARPY IMPACT VALUE (Joules) Temp. AT (RT)	FERRITE NO (FN) (WRC-1992)	INCLUSION RATING						
								A	A	A	A	A	A	
1	1.60	922	-	-	-	-	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.