



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.		MTR NO. / ISSUE DATE	EXP-199/08.09.2022
		PART NO.	7223
		BATCH NO.	T-13045
		GRADE	ER 316L/(W 19 12 3 L)
		SUPPLY CONDITION	STAINLESS STEEL TIG WELDING WIRE
INVOICE NO./P.O. NO. : EXP/22-23/349 DT-08.09.2022/41066 DT-24.05.2022		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	-	1.00	-	-	-	18.00	11.00	-	2.00
					MAX	0.030	2.50	0.65	0.030	0.030	20.00	14.00	0.75	3.00
1	1.20 X 1000	15	300.00	CH-16920	0.022	1.91	0.37	0.008	0.026	18.65	11.40	0.30	2.100	0.0750

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	THICK THIN
1	1.20	1304	-	-	-	-	6	-	-	-	-	-	-	-

SPECIFICATION :- TENSILE STRENGTH DIAMETER TOLERANCE % ELONGATION MATERIAL SPECIFICATION	AS PER DIN EN ISO 14343-B AS PER ISO 544 STANDARD MATERIAL CONFORMS TO DIN EN ISO 14343-B
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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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