



## INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.					MTR NO. / ISSUE DATE		EXP-582/29.12.2022							
					PART NO.		7223							
INVOICE NO./P.O. NO. : EXP/22-23/680 DT-29.12.2022/41777 DT-04.11.2022					BATCH NO.		T-13951							
					GRADE		ER 316L/( W 19 12 3 L)							
					SUPPLY CONDITION		STAINLESS STEEL TIG WELDING WIRE							
					SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH							
<b>CHEMICAL COMPOSITION OF WIRE :-</b>														
SR. NO.	DIAMETER (mm)	NUMBER OF PKTS	WEIGHT (KGS)	HEAT NO SPECIFIED	%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%N2
<b>ELEMENTS %</b>				<b>MIN</b>	-	<b>1.00</b>	-	-	-	<b>18.00</b>	<b>11.00</b>	-	<b>2.00</b>	-
				<b>MAX</b>	<b>0.030</b>	<b>2.50</b>	<b>0.65</b>	<b>0.030</b>	<b>0.030</b>	<b>20.00</b>	<b>14.00</b>	<b>0.75</b>	<b>3.00</b>	-
1	1.20 X 1000	15+3/4	315.00	<b>A-5733</b>	0.027	1.57	0.59	0.007	0.028	18.17	11.10	0.24	2.020	0.0550
<b>MECHANICAL PROPERTIES OF WIRE :-</b>														
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 <sup>2</sup> )	(N/mm <sup>2</sup> )	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN	
1	1.20	1314	-	-	-	-	6	-	-	-	-	-	-	
<b>SPECIFICATION :-</b>		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.														

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