



## INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.					MTR NO. / ISSUE DATE		EXP-867/29.03.2023							
					PART NO.		7205							
INVOICE NO./P.O. NO. : EXP/22-23/939 DT-29.03.2023/42306 DT-28.02.2023					BATCH NO.		M-13561							
					GRADE		ER 316LSi/(G 19 12 3 L Si)							
					SUPPLY CONDITION		STAINLESS STEEL MIG WELDING WIRE							
					SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH							
<b>CHEMICAL COMPOSITION OF WIRE :-</b>														
SR. NO.	DIAMETER (mm)	NUMBER OF SPOOLS	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>0.65</b>	-	-	<b>18.00</b>	<b>11.00</b>	-	<b>2.50</b>	-
				<b>MAX</b>	<b>0.030</b>	<b>2.50</b>	<b>1.20</b>	<b>0.020</b>	<b>0.030</b>	<b>20.00</b>	<b>14.00</b>	<b>0.50</b>	<b>3.00</b>	-
1	0.80 (BS300/15KGS)	144	2160.00	<b>CH-18705</b>	0.023	1.94	0.81	0.002	0.028	18.72	11.17	0.30	2.580	0.0750
<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	THICK THIN
1	0.80	1697	-	-	-	-	9	-	-	-	-	-	-	-
<b>SPECIFICATION :-</b>														
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 . <b>RADIOACTIVITY TEST:</b> 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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