



## INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER : SPECIALISED WELDING PRODUCTS-U.K.					MTR NO. / ISSUE DATE		EXP-250/13.09.2023							
					PART NO.		7209							
INVOICE NO./P.O. NO. : EXP/23-24/404 DT-13.09.2023/42795 DT-02.06.2023					BATCH NO.		M-14501							
					GRADE		ER 312/( G 29 9)							
					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>28.00</b>	<b>8.00</b>	-	-	-
				<b>MAX</b>	<b>0.15</b>	<b>2.50</b>	<b>1.00</b>	<b>0.020</b>	<b>0.030</b>	<b>32.00</b>	<b>12.00</b>	<b>0.50</b>	<b>0.50</b>	-
1	1.00 (SD200/5KGS)	10	50.00	<b>E61825</b>	0.094	1.84	0.37	0.001	0.021	30.66	8.78	0.07	0.060	0.0503
<b>MECHANICAL PROPERTIES OF ALL WELD METAL :-</b>														
SL. NO.	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			
-	(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	THICK THIN
1	712	506	28	72	88	87	-	-	-	-	-	-	-	-
<b>SPECIFICATION :-</b>														
TENSILE STRENGTH DIAMETER TOLERANCE % ELONGATION MATERIAL SPECIFICATION COUNTRY OF ORIGIN			AS PER DIN EN ISO 14343-A AS PER ISO 544 STANDARD MATERIAL CONFORMS TO DIN EN ISO 14343-A INDIA											
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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