

Superon Schweisstechnik India Ltd.

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INSPECTION CERTIFICATE AS PER EN 10204-3.1

CUSTOMER : LLC ALFA GLOBAL-RUSSIA				 An ISO 9001, ISO 14001 & BS OHSAS 18001 Certified Company		MTR NO./ISSUE DATE		EXP-312/29.09.2022									
						BATCH NO.		T-13278									
INVOICE NO. / P.O. NO. : EXP/22-23/432 DT-29.09.2022/SSIL/EXP/PI/22-23/261 DT-29.07.2022						GRADE		ER 318									
						SUPPLY CONDITION		STAINLESS STEEL TIG WELDING WIRE									
						SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH									
						BRAND NAME		AG ER 318									
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	%Nb	%N2		
ELEMENTS %					MIN	-	1.00	0.30	-	-	18.00	11.00	-	2.00	8 x C	-	
					MAX	0.080	2.50	0.65	0.030	0.030	20.00	14.00	0.75	3.00	1.00	-	
1	2.00 X 1000	4+3/4	95.00	9989	0.019	1.81	0.41	0.010	0.022	18.73	11.22	0.11	2.63	0.32	0.045		
MECHANICAL PROPERTIES OF ALL WELD METAL:-																	
SL. NO.	TENSILE STRENGTH	0.2% PROOF STRESS	ELONGATION %	REDUCTION OF AREA %	HARDNESS (BHN)	FERRITE NO (FN) (WRC-1992)	INCLUSION RATING										
-	(N/mm ²)	(N/mm ²)	Lo=100	-	-	-	A		A		A		A		A		
1	618	458	36	68	172	12	THICK	THIN	THICK	THIN	THICK	THIN	THICK	THIN	THICK	THIN	
SPECIFICATION :-																	
TENSILE STRENGTH		AS PER AWS A5.9/A5.9 M : 2021															
DIAMETER TOLERANCE		AS PER AWS A5.9/A5.9 M : 2021															
% ELONGATION		STANDARD															
MATERIAL SPECIFICATION		MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2021															
IGC TEST AS PER ASTM A262 PRACTICE"E"		SATISFACTORY															
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.																	
 AUTHORIZED SIGNATORY																	
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF ORDER / CONTRACT.																	