



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-164/27.07.2023					
INVOICE NO. / P.O. NO. : EXP/23-24/258 DT-27.07.2023/SSIL/EXP/PI/23-24/134 DT-07.06.2023								BATCH NO.		T-15536					
				GRADE		ER 347Si									
CHEMICAL COMPOSITION OF WIRE :-				SUPPLY CONDITION		STAINLESS STEEL TIG WELDING WIRE									
				SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH									
				RAND NAME		AG TIG ER 347Si									
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 MAX	-	1.00	0.65	-	-	19.00	9.00	-	-	10XC	-
1	3.20 X 1000	15	300.00	18872	0.028	1.83	0.76	0.005	0.021	19.72	9.12	0.034	0.008	0.35	0.0660
MECHANICAL PROPERTIES OF ALL WELD METAL:-															
SL. NO.	TENSILE STRENGTH (N/mm ²)	0.2% PROOF STRESS (N/mm ²)	ELONGATION % (Lo=100)	REDUCTION OF AREA %	HARDNESS (BHN)	FERRITE NO (FN) (WRC-1992)	INCLUSION RATING								
							A THICK	A THIN	A THICK	A THIN	A THICK	A THIN			
1	635	476	32	72	182	11	-	-	-	-	-	-	-	-	-
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.															
															
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF ORDER / CONTRACT.															
AUTHORIZED SIGNATORY															