

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 ISO 45001 Certified Company				MTR NO. / ISSUE DATE		EXP-531/20.02.2024					
INVOICE NO. / P.O. NO. : EXP/23-24/809 DT-20.02.2024/SSIL/EXP/PI/ 23-24/412 DT-31.10.2023								BATCH NO.		T-16213					
								GRADE		ER 316LSi					
								SUPPLY CONDITION		STAINLESS STEEL TIG WELDING WIRE					
				SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH									
				BRAND NAME		AG TIGER 316Lsi									
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	%N2	
ELEMENTS %				MIN MAX	- 0.030	1.00 2.50	0.65 1.00	- 0.030	- 0.030	18.00 20.00	11.00 14.00	- 0.75	2.00 3.00	-	
1	1.60 X 1000	25	500.00	A-7174	0.016	1.66	0.77	0.009	0.026	18.18	11.05	0.19	2.030	0.0600	
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				
							THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN				
1	626	472	38	72	176	7	-	-	-	-	-				
SPECIFICATION :-															
TENSILE STRENGTH				AS PER AWS A5.9/A5.9 M : 2023											
DIAMETER TOLERANCE				AS PER AWS A5.9/A5.9 M : 2023											
% ELONGATION				STANDARD											
MATERIAL SPECIFICATION				MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2023											
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															