

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-514/10.01.2024					
INVOICE NO. / P.O. NO. : EXP/23-24/559 DT-10.01.2024/SSIL/EXP/PI/ 23-24/407 DT-31.10.2023								BATCH NO.		M-15158					
								GRADE		ER 316LSi					
								SUPPLY CONDITION		STAINLESS STEEL MIG WELDING WIRE					
				SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH									
				BRAND NAME		AG ER 316LSi									
CHEMICAL COMPOSITION OF WIRE :-															
SR. NO.	DIAMETER (mm)	NUMBER OF SPOOLS	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	0.80 (SD200/5KGS)	200	1000.00	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				
1	634	478	36	72	180	7	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN				
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															