

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-164/30.07.2023								
INVOICE NO. / P.O. NO. : EXP/23-24/300 DT-30.07.2023/SSIL/EXP/PI/23-24/134 DT-07.06.2023							BATCH NO.		T-15516								
							GRADE		ER 316LSi								
							SUPPLY CONDITION		STAINLESS STEEL TIG WELDING WIRE								
					SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH										
					BRAND NAME		AG TIG ER 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	-	1.00	0.65	-	-	18.00	11.00	-	2.00	-		
					MAX	0.030	2.50	1.00	0.030	0.030	20.00	14.00	0.75	3.00	-		
1	2.40 X 1000	30	600.00	A-6632	0.021	1.75	0.88	0.006	0.027	18.10	11.23	0.24	2.060	0.0450			
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	624	466	36	72	172	7	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.																	
																	
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND COMPLIES WITH THE TERMS OF ORDER / CONTRACT.																	
AUTHORIZED SIGNATORY																	