



Superon Schweisstechnik India Ltd.

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INSPECTION CERTIFICATE AS PER EN 10204-3.1

CUSTOMER : LLC PROF-SK-RUSSIA				 An ISO 9001, ISO 14001 & BS OHSAS 18001 Certified Company		MTR NO. / ISSUE DATE		EXP-831/16.06.2022						
						BATCH NO.		T-12691						
INVOICE NO. /P.O. NO. : EXP/22-23/151 DT-16.06.2022/SSIL/EXP/PI/21-22/657 DT-21.02.2022						GRADE		ER 316LSi						
						SUPPLY CONDITION		STAINLESS STEEL TIG WELDING WIRE						
						SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH						
						AG TIG ER 318		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	3.20 X 1000	3+2/4	70.00	CH-16613	0.022	1.82	0.75	0.008	0.023	18.72	11.20	0.42	2.100	0.0740
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
1	618	456	38	72	170	7	-	-	-	-	-	-	-	-
SPECIFICATION :-														
TENSILE STRENGTH			AS PER AWS A5.9/A5.9 M : 2019											
DIAMETER TOLERANCE			AS PER AWS A5.9/A5.9 M : 2019											
% ELONGATION			STANDARD											
MATERIAL SPECIFICATION			MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2019											
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														