



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-904/24.04.2023					
							BATCH NO.		M-13676					
INVOICE NO. / P.O. NO. : EXP/23-24/034 DT-24.04.2023/SSIL/EXP/PI/22-23/755 DT-22.03.2023							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	1.20 (SD200/5KGS)	20	100.00	3E35BF122B	0.014	1.76	0.86	0.006	0.024	18.15	11.16	0.23	2.060	0.0592
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 THICK THIN	A THICK THIN	A THICK THIN	A THICK THIN	A THICK THIN	A THICK THIN	A THICK THIN	A THICK THIN
1	630	474	36	72	180	7	-	-	-	-	-	-	-	-
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														