



group of companies
ALFA GLOBAL

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-616/27.01.2023
		BATCH NO.	T-13963
INVOICE NO. / P.O. NO. : EXP/22-23/744 DT-27.01.2023/SSIL/EXP/PI/ 22-23/516 DT-01.12.2022		GRADE	ER 316LSi
		SUPPLY CONDITION	STAINLESS STEEL TIG WELDING WIRE
		SURFACE FINISH BRAND NAME	BRIGHT DRAWN, BRIGHT FINISH 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 MAX	-	1.00	0.65	-	-	18.00	11.00	-	2.00	-
					0.030	2.50	1.00	0.030	0.030	20.00	14.00	0.75	3.00	-
1	2.00 X 1000	10	200.00	CH-18305	0.022	1.84	0.72	0.003	0.029	18.34	11.15	0.29	2.130	0.0750

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				
							A	A	A	A	A
-	(N/mm ²)	(N/mm ²)	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	623	468	38	72	174	6	-	-	-	-	-

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