

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-531/20.02.2024
		BATCH NO.	T-16230
		GRADE	ER 316LSi
		SUPPLY CONDITION	STAINLESS STEEL TIG WELDING WIRE
INVOICE NO. / P.O. NO. : EXP/23-24/809 DT-20.02.2024/SSIL/EXP/PI/ 23-24/412 DT-31.10.2023		SURFACE FINISH	BRIGHT DRAWN, BRIGHT FINISH
		BRAND NAME	AG TIGER 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	- 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	2.00 X 1000	50	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				
							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	7	-	-	-	-	-

SPECIFICATION :-

TENSILE STRENGTH
DIAMETER TOLERANCE
% ELONGATION
MATERIAL SPECIFICATION
IGC TEST AS PER ASTM A262 PRACTICE "E"

AS PER AWS A5.9/A5.9 M : 2023
AS PER AWS A5.9/A5.9 M : 2023
STANDARD
MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2023
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