



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-514/10.01.2024
		BATCH NO.	M-15158
		GRADE	ER 316LSi
		SUPPLY CONDITION	STAINLESS STEEL MIG WELDING WIRE
INVOICE NO. / P.O. NO. : EXP/23-24/559 DT-10.01.2024/SSIL/EXP/PI/23-24/407 DT-31.10.2023		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	0.80 (BS300/15KGS)	72	1080.00	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	634	478	36	72	180	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