

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-312/29.09.2022
		BATCH NO.	T-13279
		GRADE	ER 318
		SUPPLY CONDITION	STAINLESS STEEL TIG WELDING WIRE
INVOICE NO. / P.O. NO. : EXP/22-23/432 DT-29.09.2022/SSIL/EXP/PI/ 22-23/261 DT-29.07.2022		SURFACE FINISH	BRIGHT DRAWN, BRIGHT FINISH
		BRAND NAME	AG TIG ER 318

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	%Nb	%N2
ELEMENTS %					MIN	1.00	0.30	-	-	18.00	11.00	-	2.00	8 x C	-
					MAX	2.50	0.65	0.030	0.030	20.00	14.00	0.75	3.00	1.00	-
1	2.40 X 1000	4+3/4	95.00	9989	0.019	1.81	0.41	0.010	0.022	18.73	11.22	0.11	2.63	0.32	0.045

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	616	456	36	70	170	12	-	-	-	-	-

SPECIFICATION :-

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

AS PER AWS A5.9/A5.9 M : 2021
AS PER AWS A5.9/A5.9 M : 2021
STANDARD
MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2021
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