



INSPECTION CERTIFICATE According to EN 10204 3.1

CUSTOMER: SPECIALISED WELDING PRODUCTS-U.K.

MTR NO. /ISSUE DATE	EXP-250/13.09.2023
PART NO.	7198
BATCH NO.	M-14498
GRADE	ER 316LSI/(G 19 12 3 L Si)
SUPPLY CONDITION	STAINLESS STEEL MIG WELDING WIRE
SURFACE FINISH	BRIGHT DRAWN, BRIGHT FINISH

INVOICE NO./P.O. NO.: EXP/23-24/404 DT-13.09.2023/42795
DT-02.06.2023

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	1.00	0.65	-	-	18.00	11.00	-	2.50	-
					MAX	0.030	1.20	0.020	0.030	20.00	14.00	0.50	3.00	-
1	0.60 (SD100/0.700KGS)	30	21.00	19477	0.022	1.84	0.86	0.010	0.028	18.80	11.19	0.49	2.600	0.0850

MECHANICAL PROPERTIES OF ALL WELD METAL :-

SL. NO.	TENSILE STRENGTH (N/mm ²)	0.2% PROOF STRESS (N/mm ²)	ELONGATION % Lo=100	REDUCTION OF AREA %	CHARPY IMPACT VALUE (Joules) Temp. AT (RT)	FERRITE NO (FN) (WRC-1992)	INCLUSION RATING							
							A	A	A	A	A	A	A	A
1	628	470	36	68	98	8	THICK	THIN	THICK	THIN	THICK	THIN	THICK	THIN

SPECIFICATION :-
TENSILE STRENGTH
DIAMETER TOLERANCE
% ELONGATION
MATERIAL SPECIFICATION
COUNTRY OF ORIGIN
AS PER DIN EN ISO 14343-A
AS PER ISO 544
STANDARD
MATERIAL CONFORMS TO DIN EN ISO 14343-A
INDIA

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.