

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.	M-13058
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 MIG WELDING WIRE
		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	-	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	1.20 (BS300/15KGS)	30	450.00	CH-18294	0.020	1.89	0.87	0.006	0.027	18.70	11.22	0.26	2.090	0.0700

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	630	476	36	72	178	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 : 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

INSPECTION CERTIFICATE AS PER EN 10204-3.1

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		BATCH NO.	M-13058
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 MIG WELDING WIRE
		SURFACE FINISH BRAND NAME	BRIGHT DRAWN, BRIGHT FINISH 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
				MIN	-	1.00	0.65	-	-	18.00	11.00	-	2.00	
				MAX	0.030	2.50	1.00	0.030	0.030	20.00	14.00	0.75	3.00	-
1	1.20 (SD200/5KGS)	40	200.00	CH-18294	0.020	1.89	0.87	0.006	0.027	18.70	11.22	0.26	2.090	0.0700

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	630	476	36	72	178	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 : 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 .
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