

## INSPECTION CERTIFICATE AS PER EN 10204-3.1

CUSTOMER: LLC ALFA GLOBAL-RUSSIA	 <b>An ISO 9001, ISO 14001 &amp; BS OHSAS 18001 Certified Company</b>	MTR NO. / ISSUE DATE	EXP-006/30.07.2022
		BATCH NO.	M-12026
INVOICE NO. /P.O. NO. : EXP/22-23/249 DT-30.07.2022/SSIL/EXP/PI/22-23/008 DT-01.04.2022		GRADE	ER 309LSi
		SUPPLY CONDITION	STAINLESS STEEL MIG WELDING WIRE
		SURFACE FINISH BRAND NAME	BRIGHT DRAWN, BRIGHT FINISH AG ER 309LSi

### 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
<b>ELEMENTS %</b>					<b>MIN</b>	-	<b>1.00</b>	<b>0.65</b>	-	-	<b>23.00</b>	<b>12.00</b>	-	-
					<b>MAX</b>	<b>0.030</b>	<b>2.50</b>	<b>1.00</b>	<b>0.030</b>	<b>0.030</b>	<b>25.00</b>	<b>14.00</b>	<b>0.75</b>	<b>0.75</b>
1	1.20 (BS300/15KGS)	346	5190.00	<b>39SEG120A</b>	0.022	1.84	0.85	0.007	0.025	23.45	12.57	0.09	0.080	0.1521

### 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 <sup>2</sup> )	(N/mm <sup>2</sup> )	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	622	480	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 : 2019  
AS PER AWS A5.9/A5.9 M : 2019  
STANDARD  
MATERIAL CONFORMS TO AWS A5.9/A5.9 M : 2019  
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