

CUSTOMER NAME: WELDSOLUTIONS						INVOICE NO.- AA/074/EXP/22/23						
PRODUCT INFORMATION												
PRODUCT: STAINLESS STEEL WIRE						TC. NO.: A272009						
GRADE: ER316L						ISSUE DATE: 14/02/2023						
SIZE: 0.035"		SIZE TOLERANCE: ±0.001"				HEAT NO.: A2720						
CONDITION: BRIGHT FINISH						QUANTITY: 450 KGS						
IDENTIFICATION: PALLET NO: SA14-SA230				SPOOL TYPE: 15 KGS IN D270								
CHEMICAL PROPERTIES OF THE WIRE												
ELEMENTS	C%	Si%	Mn%	P%	S%	Cu%	Cr%	Ni%	Mo%	N%		
SPECIFICATION (min/max)	---	0.30	1.00	---	---	---	18.00	11.00	2.00	---		
	0.030	0.65	2.50	0.030	0.030	0.75	20.00	14.00	3.00	---		
RESULT	0.018	0.38	1.72	0.026	0.008	0.022	18.72	11.10	2.10	0.064		
MECHANICAL PROPERTIES OF WELD DEPOSIT												
	DIAMETER (inch)	UTS Mpa(N/mm2)	YS (0.20%) Mpa(N/mm2)	ELONGATION% (L=5d)								
REQUIREMENT (min/max)	0.034"	---	N.A	N.A								
	0.036"	----	N.A	N.A								
RESULT	0.035"	1571.03	N.A.	N.A								

HEAT TREATMENT: N.A. "

REMARKS: OUR DA NO:
 CUSTOMER ORDER NO.: 22868
 MATERIAL CONFIRMS TO ASME SECTION-II, PART-"C" EDITION 2021,
 SFA 5.9/SFA 5.9M AND AWS CLASSIFICATION ER-316L

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN
 MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH
 THE CUSTOMER'S REQUIREMENTS, NEEDS AND EXPECTATIONS MECHANICAL TEST
 RESULTS ARE TAKEN RANDOMLY FROM THE LOT

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