

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-616/27.01.2023										
INVOICE NO. / P.O. NO. : EXP/22-23/744 DT-27.01.2023/SSIL/EXP/PI/22-23/516 DT-01.12.2022								BATCH NO.		M-13095										
								GRADE		ER NiCrMo-3										
								SUPPLY CONDITION		NICKEL ALLOY MIG WELDING WIRE										
				SURFACE FINISH		BRIGHT DRAWN, BRIGHT FINISH														
				BRAND NAME		AG ER NiCrMo-3														
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	%Co	%Al	%Ti	%V	%Fe	%W	%Nb+Ta
ELEMENTS %				MIN MAX	- 0.10	- 0.50	- 0.50	- 0.015	- 0.020	20.00 23.00	58.00 min	- 0.50	8.00 10.00	- -	- 0.40	- 0.40	- -	- 5.00	- -	3.15 4.15
1	1.20(BS300 /15KGS)	20	300.00	SU-010	0.012	0.001	0.12	0.001	0.009	22.50	65.21	0.089	8.44	0.02	0.12	0.063	0.001	0.19	0.002	3.20
MECHANICAL PROPERTIES OF WIRE:-																				
SL. NO.	SAMPLE DIAMETER	TENSILE STRENGTH	0.2% PROOF STRESS	ELONGATION %	REDUCTION OF AREA %	HARDNESS (BHN)	FERRITE NO (FN) (WRC-1992)	INCLUSION RATING												
								A		A		A		A						
-	(mm)	(N/mm ²)	(N/mm ²)	Lo=100	-	-	-	THICK	THIN	THICK	THIN	THICK	THIN	THICK	THIN	THICK	THIN			
1	1.20	1863	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SPECIFICATION :-																				
TENSILE STRENGTH				AS PER AWS A5.14/A5.14 M																
DIAMETER TOLERANCE				AS PER AWS A5.14/A5.14 M																
% ELONGATION				STANDARD																
MATERIAL SPECIFICATION				MATERIAL CONFORMS TO AWS A5.14/A5.14 M																
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																				