Superon Schweisstechnik India Ltd.

Plant III : 552, Sector-37, Pace City -II, Gurgaon, Haryana – 122001,India
Regd. Office -15,16,Old Sewa Nagar Market, Lodhi Road, New Delhi-110003,India
Web:superonindia.com, Email : Export@superonindia.com

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-312/29.09.2022
		BATCH NO.	T-13280
		GRADE	ER NiCr-3
		SUPPLY CONDITION	NICKEL ALLOY TIG WELDING WIRE
INVOICE NO. / P.O. NO. : EXP/22-23/432 DT-29.09.2022/SSIL/EXP/PI/ 22-23/261 DT-29.07.2022		**SURFACE FINISH**	BRIGHT DRAWN, BRIGHT FINISH
		BRAND NAME	**AG TIG ER NiCr-3**

CHEMICAL COMPOSITION OF WIRE:-

SR. NO.	DIAMETER (mm)	NUMBER OF PKTS	WEIGHT (KGS)	HEAT NO SPECIFIED	%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Ti	%Fe	%Al	%Nb+Ta
ELEMENTS %				**MIN**	-	**2.50**	-	-	-	**18.00**	**67.00**	-	-	-	-	-	**2.00**
				MAX	**0.10**	**3.50**	**0.50**	**0.015**	**0.030**	**22.00**	**Min.**	**0.50**		**0.75**	**3.00**		**3.00**
1	2.00 X 1000	05	100.00	**RL688**	0.030	3.00	0.10	0.001	0.004	20.30	72.20	0.02	0.10	0.38	1.30	0.14	2.32

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	A
-	(mm)	(N/mm^2)	(N/mm^2)	Lo=100	-	-	-	THICK THIN	THICK THIN	THICK THIN	THICK THIN	THICK THIN
1	2.00	1275	-	-	-	-	-	-	-	-	-	-

SPECIFICATION :-

TENSILE STRENGTH	AS PER SFA-5.14/SFA-5.14M
DIAMETER TOLERANCE	AS PER SFA-5.14/SFA-5.14M
% ELONGATION	STANDARD
MATERIAL SPECIFICATION	MATERIAL CONFORMS TO SFA-5.14/SFA-5.14M
IGC TEST AS PER ASTM A262 PRACTICE"E"	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