

TEST CERTIFICATE
AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC <ALFA GLOBAL> - RUSSIA

P.O./P.I. NO	SSIL/EXP/PI/22-23/228/12.07.2022 SSIL/EXP/PI/22-23/027/07.04.2022
INVOICE NO./DATE	EXP/22-23/329/29.08.2022
QTY.(Kgs.)	190.00

Report No: SUP 2022/2264

Brand/Grade: AG E NiCrFe-3

Size (mm): 4.00X350

Date of issue: 29.08.2022

Standard-No./
Classifications: AWS A5.11 :E NiCrFe-3

Batch No /Heat No : GP 11641

Date of Mfg: 10.06.2022

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Cu	Nb	Fe
Spec.	0.10 Max.	1.00 Max.	5.00-9.50	0.015 Max.	0.030 Max.	13.0-17.0	59.00 Min.	0.50 Max.	1.00-2.50	10.00 Max.
Result	0.059	0.41	8.53	0.002	0.007	14.86	66.11	0.060	1.21	8.93

Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At -(°C)	Hardness (As welded)	Ferrite (FN)
Spec:	--	550 Min.	30 Min.	--	--	--
Result	--	594	37.20	---	--	--

Diffusible Hydrogen:- (ml/100gm of weld metal)	--	Coating Moisture (%) :-	--
Radiography:-	Satisfactory	Fillet weld Test:-	--
Bend Test:-	Satisfactory	PWHT:-	--

TEST CONDUCTED AS PER : AWS-SFA:5.11 E NiCrFe-3

We certify that the statement in this test report are correct and that the test welds were prepared welded and tested in Accordance with the requirement conforming to ASME BPVC.II.C Latest Edition 2021, in all respects.



Manager Quality Assurance