

TEST CERTIFICATE
AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC<ALFA GLOBAL>-RUSSIA

P.O./P.I. NO	SSIL/EXP/PI/23-24/410&411/31.10.2023
INVOICE NO./DATE	EXP/23-24/557/25.01.2024
QTY.(Kgs.)	200.00

Brand /Grade: AG E NiCu-7

Report No: SUP 2024/3469

Size (mm): 2.50X350

Date of issue: 25.01.2024

Standard-No./
Classifications: AWS A5.11 : ENiCu-7

Batch No/Heat No : GP 25401

Date of Mfg: 27.11.2023

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	P	S	Ni	Al	Cu	Ti	Fe	Others
Spec.	0.15 Max.	1.50 Max.	4.00 Max.	0.020 Max.	0.015 Max.	62.0-69.0	0.75 Max.	Rem.	1.0 Max.	2.50 Max.	0.50 Max.
Result	0.042	0.30	3.82	0.002	0.003	63.76	0.030	29.17	0.24	2.31	0.30

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) as per WRC-1992
Spec:	Not Specified	480 Min.	30 Min.			
Result	244	514	33.20	-	154-164 (BHN)	-

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

TEST CONDUCTED AS PER : AWS/SFA- A5.11:ENiCu-7

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 2023,in all respects.



Manager Quality Assurance