

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 NiCrMo-3

Report No: SUP 2024/3472

Size (mm): 3.20X350

Date of issue: 25.01.2024

Standard-No./
Classifications: AWS A5.11 : ENiCrMo-3

Batch No/Heat No.: GP 25405

Date of Mfg: 27.11.2023

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Fe	Cu	V	Nb(cb)+Ta
Spec.	0.10 Max.	0.75 Max.	1.00 Max.	0.02 Max.	0.03 Max.	20.0- 23.0	55.0 Min.	8.0- 10.0	7.0 Max.	0.50 Max.	--	3.15—4.15
Result	0.022	0.46	0.48	0.003	0.004	20.74	64.63	9.01	1.03	0.012	-	3.58

Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At -196°C	Hardness (As welded)	Ferrite (FN)
Spec:	--	760 Min.	30 Min.	--	--	--
Result	--	738	37.50	50,50,48,54,46 Avg.= 49.33	--	--

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 ENiCrMo-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 2023,in all respects.



Manager Quality Assurance