

TEST CERTIFICATE
AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC <ALFA GLOBAL> - RUSSIA

P.O./P.I. NO	SSIL/EXP/PI/22-23/027/07.04.2022
INVOICE NO./DATE	EXP/22-23/266/30.07.2022
QTY.(Kgs.)	254.00

Brand/Grade: AG E 2209-16

Report No: SUP 2022/1691

Size (mm): 2.60X350

Date of issue: 30.07.2022

Standard-No./
Classifications: AWS A5.4 :E 2209-16

Batch No/Heat No : GP 11637

Date of Mfg: 10.06.2022

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb	V	N
Spec.	0.04 Max.	1.00 Max.	0.50- 2.0	0.03 Max.	0.04 Max.	21.5- 23.5	8.5- 10.5	2.5- 3.5	0.75 Max.	-	-	0.08-0.20
Result	0.026	0.75	1.22	0.013	0.020	23.28	9.56	3.23	0.060	-	-	0.13

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:	-	690 Min.	20 Min.	-	-	-
Result	-	752	27.00	-	-	47

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

TEST CUNDUCTED AS PER : AWS-SFA:5.4 E 2209-16

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