

TEST CERTIFICATE
AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC<ALFA GLOBAL>-RUSSIA

P.O./P.I. NO	SSIL/EXP/PI/22-23/636/31.01.2023
INVOICE NO./DATE	EXP/23-24/330/23.08.2023
QTY.(Kgs.)	8500.00

Brand/Grade: AG E-46 PREMIUM

Report No: SUP 2023/2904

Size (mm): 4.00X350

Date of issue: 23.08.2023

Standard-No./
Classifications: AWS A5.1: E6013

Batch No/Heat No: GP 21696

Date of Mfg: 12.08.2023

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb	V	N
Spec.	0.20 MAX.	1.00 MAX.	1.20 MAX.	N.S.	N.S.	0.20 MAX.	0.30 MAX.	0.30 MAX.	-	-	0.08 MAX.	-
Result	0.076	0.30	0.41	0.013	0.022	0.017	0.018	0.004	-	-	0.011	-

Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At 0 (°C)	Hardness (As welded)	Ferrite (FN)
Spec:	330 Min.	430 Min.	17 Min.	Not Specified	-	-
Result	418	516	26.00	74,74,72,78,68 Avg.=73.33	-	-

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

TEST CONDUCTED AS PER : AWS/SFA-A5.1 : E6013

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

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