

TEST CERTIFICATE
AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC < ALFA GLOBAL > RUSSIA

P.O./P.I. NO	SSIL/EXP/PI/22-23/338/15.09.2022
INVOICE NO./DATE	EXP/22-23/469/17.10.2022
QTY.(Kgs.)	8760.00

Brand/Grade: AG E-46 PREMIUM

Report No: SUP 2022/2929

Size (mm): 3.20X350

Date of issue: 17.10.2022

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

Batch No/Heat No: GP 14778

Date of Mfg: 17.10.2022

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	0.084	0.29	0.40	0.012	0.024	0.018	0.016	0.004	-	-	0.012	-

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	412	514	24.60	68,76,68,64,70 Avg.=68.67	-	-

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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