

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.) 3005.00

Brand/Grade: AG E 8018-B6

Report No: SUP 2022/1685

Size (mm): 4.00X350

Date of issue: 30.07.2022

Standard-No./
Classifications: AWS A5.5 :E 8018-B6

Batch No/Heat No: GP 11653

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.	0.05- 0.10	0.90 Max.	1.00 Max.	0.03 Max.	0.03 Max.	4.0- 6.0	0.40 Max.	0.45- 0.65	-	-	-	-
Result	0.080	0.38	0.84	0.013	0.020	5.50	0.31	0.52	-	-	-	-

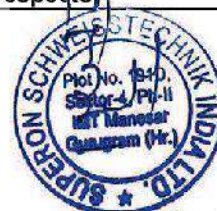
Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At+ 20 (°C)	Hardness (As welded)	Ferrite (FN)
Spec:	460 Min.	550 Min.	19 Min.	Not Specified	--	--
Result	524	620	25.50	126,120,120,116,128 Avg.=118.67	--	--

Diffusible Hydrogen:- (ml/100gm of weld metal)	2.93	Coating Moisture % (As-received):-	0.17
Radiography:-	Satisfactory	Fillet weld Test:-	Satisfactory
Bend Test:-	-	PWHT:-	--- 740±15°C For 1 Hour

TEST CONDUCTED AS PER : AWS-SFA:5.5 E 8018-B6

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