



group of companies
ALFA GLOBAL

Superon Schweisstechnik India Ltd

Plot no. 552, Pace City-II, Sector 37, Gurgaon,
Haryana-122001, India

An ISO 9001 , ISO 14001 &
BS OHSAS 18001 Certified Company

TEST CERTIFICATE AS PER EN 10204 TYPE:3.1

CUSTOMER : LLC <ALFA GLOBAL> - RUSSIA	P.O./P.I. NO	SSIL/EXP/PI/22-23/228/12.07.2022
	INVOICE NO./DATE	EXP/22-23/309/26.08.2022
	QTY.(Kgs.)	3340.00

Brand/Grade: **AG E-46 PREMIUM** Report No: **SUP 2022/1995**
 Size (mm): **4.00X350** Date of issue: **26.08.2022**
 Standard-No./ Classifications: **AWS A5.1: E6013**
 Batch No/Heat No: **GP 13664**
 Date of Mfg: **13.08.2022**
 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	0.082	0.28	0.42	0.014	0.020	0.018	0.012	0.003	-	-	0.010	-

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	448	522	26.00	68,80,76,74,74 Avg.=74.67	-	-

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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