



Superon Schweisstechnik (I) Ltd

191-D, Sector- IV, Phase- II, IMT Manesar Gurgaon,
Haryana- 122050



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

TEST CERTIFICATE AS PER EN 10204 TYPE:3.1

CUSTOMER: TO WHOM SO EVER IT MAY CONCERN.

P.O./P.I. NO	SAMPLE T.C.
INVOICE NO./DATE	

Brand/Grade: SUPER OPTIMAL 410-15

Report No: SUP 2022/047

Size (mm) : 3.20X350

Date of issue: 04.04.2022

Standard-No./
Classifications: AWS A5.4 : E 410 -15

Batch No: GP 11048

Date of Mfg: 02.04.2022

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb	V	N
Spec.	0.12 Max	0.90 Max.	1.00 Max.	0.03 Max.	0.04 Max.	11.00- 13.50	0.70 Max	0.75 Max.	0.75 Max.	-	-	-
Result	0.058	0.34	0.87	0.013	0.021	12.54	0.65	0.010	0.025	-	-	-

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)
Spec:	-	520 Min.	20 Min.	-	--	--
Result	-	596.00	23.00	-	-	-

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

TEST CONDUCTED AS PER : AWS/SFA-5.4 : E410-15

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 2019, in all respects.



Manager Quality Assurance

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