



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 : SWP-U.K

P.O./P.I. NO	42118/23.01.2023
INVOICE NO.	EXP/23-24/073
QTY.(Kgs.)	155.00

Brand/Grade: SUPER OPTIMAL 6010

Report No: SUP 2023/1583

Size (mm) : 2.50X350

Date of issue: 30.04.2023

Standard-No./
Classifications: AWS A5.1: E6010

PART No.7405

Batch No/Heat No: GP 19370

Date of Mfg: 28.04.2023

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	0.13	0.19	0.70	0.014	0.019	0.016	0.13	0.003	-	-	0.006	-

Mechanical Properties of All Weld Metal

	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At -30 (°C)	Hardness (As welded)	Ferrite(FN) as per WRC-1992
Spec:	330 Min.	430 Min.	22 Min.	27 Min.	-	-
Result	414	516	26.20	54,66,56,56,52 Avg.=55.33	-	-

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

TEST CONDUCTED AS PER : AWS/SFA-A5.1 : E6010

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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