



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 : SWP-U.K

P.O./P.I. NO	PO No.36704/10.07.2020
INVOICE NO./DATE	EXP/20-21/405/30.09.2020
QTY.(Kgs.)	70.00

Brand/Grade: SUPER CAST NiFe

Report No: SUP 2020/5767

Size (mm): 2.50X350

Date of issue: 30.09.2020

Standard-No./
Classifications: AWS A5.15 : E NiFe -CI

PART No.7434S

Batch No/Heat No: M 61732

Date of Mfg: 21.09.2020

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Al	Fe	N
Spec.	2.00 Max	4.00 Max.	2.50 Max	0.03 Max.	-	-	45.0- 60.0	-	2.50 Max.	1.00 Max	Rem.	-
Result	1.03	0.91	0.83	0.012	-	-	49.92	-	0.080	0.040	46.18	-

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) as per WRC-1992
Spec:	296-434	400-579	6-18	-	165-218	-
Result	382	512	16.90	-	186-196 BHN	-

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

TEST CONDUCTED AS PER : AWS/SFA-5.15 : E NiFe-CI

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