



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.)	40.000

Brand/Grade: SUPER CAST NiFe Report No: SUP 2023/1392

Size (mm): 3.20X350 Date of issue: 30.04.2023

Standard-No./
Classifications: AWS A5.15 : ENiFe -Cl PART No.7435S

Batch No/Heat No: GP 19221

Date of Mfg: 20.04.2023

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	1.06	0.89	0.80	0.012	-	-	52.28	-	0.084	0.45	44.42	-

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	386	512	16.60	-	180-190 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 : ENiFe-Cl

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