



**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 : ICS ACSEAL GAR SRI- MOLDOVA

P.O./P.I. NO	PO No.:01-05/08/2019MD/05-08-19
INVOICE NO./DATE	EXP/19-20/393/31-08-19
QTY.(Kgs.)	940.00

Brand/Grade: SUPER OPTIMAL 308L

Report No: SUP 2019/4698

Size (mm): 3.25X350

Date of issue: 31-08-19

Standard-No./  
Classifications: AWS A5.4 :E 308L-16

Batch No/Heat No: M 53165

Date of Mfg: 29-08-19

All Weld Metal Chemical Analysis (%)

Element	C	Si	Mn	S	P	Cr	Ni	Mo	Cu	Nb	V	N
Spec.	0.04 Max.	1.00 Max.	0.50- 2.5	0.03 Max.	0.04 Max.	18.0- 21.0	9.0- 11.0	0.75 Max.	0.75 Max.	-	-	-
Result	0.025	0.92	0.75	0.020	0.020	19.20	9.70	0.10	0.19	-	-	0.071

Mechanical Properties of All Weld Metal

	Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At --- (°C)	Hardness (As welded)	Ferrite(FN) as per WRC-1992
Spec:	-	520 Min.	30 Min.	-	-	-
Result	-	628	41.82	-	-	6

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

Intergranular Corrosion Test as per ASTM A 262:2008 Practice E :Acceptable  
TEST CUNDUCTED AS PER : AWS-SFA:5.4 E 308L-16

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 2017,in all respects.



Manager Quality Assurance

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