



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.)	710.00

Brand/Grade: SUPER OPTIMAL 308L

Report No: SUP 2019/4699

Size (mm): 2.50X350

Date of issue: 31-08-19

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

Batch No/Heat No: M 53145

Date of Mfg: 28-08-19

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	0.024	0.90	0.61	0.011	0.028	19.16	9.64	0.10	0.15	-	-	0.075

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:	-	520 Min.	30 Min.	-	-	-
Result	-	631	41.88	-	-	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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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

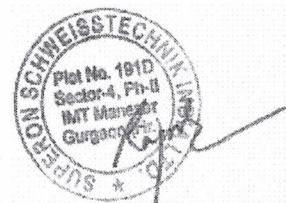
	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At --- (°C)	Hardness (As welded)	Ferrite(FN) as per WRC-1992
Spec:	-	520 Min.	30 Min.	-	-	-
Result	-	628	41.82	-	-	6

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

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Manager Quality Assurance

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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.)	300.00

Brand/Grade: SUPER OPTIMAL 308L

Report No: SUP 2019/4700

Size (mm): 4.00X350

Date of issue: 31-08-19

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

Batch No/Heat No : M 52984

Date of Mfg: 22-08-19

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	0.027	0.92	0.77	0.014	0.025	19.08	9.58	0.11	0.21	-	-	0.073

Mechanical Properties of All Weld Metal

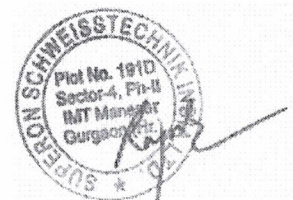
	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Charpy Impact Avg. value(Joules) Temp. At --- (°C)	Hardness (As welded)	Ferrite(FN) as per WRC-1992
Spec:	-	520 Min.	30 Min.	-	-	-
Result	-	629	41.78	-	-	6

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

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