Grimsby Certifications

CERTIFICATE OF COMPLIANCE

Applicant	:	**SES INSTRUMENTS PVT. LTD.**
Address	:	452, Adarsh Nagar, Uttarakhand - 247 667; India.
Products class	:	**GENERAL LABORATORY INSTRUMENTS/EXPERIMENT (For details see annexure, Page-2 to 6)**
Technical file details (TCF)	:	SES.TCF.01 Dated: 12/01/2023 Issue-04 Rev:00
Applicable directive /Regulation	:	Low voltage (LVD) 2014/35/EU

We confirm that technical documentation related to above mentioned products comply with the applicable requirements or part thereof of the European Directive(s) and the relevant Standard(s) or part thereof as stated by the Organization on Declaration of Conformity and relevant documentation as per Directive(s) mentioned above.

This certificate is valid for all the equipment where the design, ratings, or operating parameters are as those reviewed, tested and identified in the original technical file.

This certificate is valid under the following conditions and to be used accordingly:

- The continuation of certificate validity is governed by the positive results of the scheduled surveillance audits.
- Any changes in the design or in technical documentation shall immediately be reported to Grimsby Certifications Limited (GCL) in order to examine whether this certificate remains valid. Annual periodical audits will be held to verify the validity of this certificate.
- The certificate remains valid until the manufacturing conditions, the quality systems or relevant legislations are changed but until the expiry of this certificate as mentioned below.
- After preparation of the necessary technical documentation as well as the conformity declaration as per the above-mentioned Directive(s) requirement, the CE marking as shown below can be affixed on the equipment fulfilling the relevant EU legislation requirements.

CE

Certificate No. : 915501011805000 Issue No. 03 Date of first issue: 24 May 2018

Date of issue : 24 May 2024

Certification expiry : 23 May 2027

GCL CERTIFIED UNITED KINGDOM

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Signed by : Tech. Manager

Web: www.grimsbycertifications.com. This certificate remains the property of Grimsby Certification Limited to whom it must be returned on request. The certificate is subject to terms and conditions as set out in the Proposal Agreement. Failure to comply may render this certificate invalid. For validity of the certificate please scan QR Code or mail at admin@grimsbycertifications.com.

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ANNEXURE TO CERTIFICATE

Certificate No. : 9155010118050001 Issue No. 03 Date of first issue: 24 May 2018
Date of issue : 24 May 2024
Certificate expiry : 23 May 2027
Issued to : SES INSTRUMENTS PVT. LTD.
Product class : GENERAL LABORATORY INSTRUMENTS/EXPERIMENT

S. No.	Model Name	Model Number
1.	Digital D.C. Microvoltmeter	DMV-001
2.	Digital D.C. Microvoltmeter	DMV-1000
3.	Digital D.C. Microvoltmeter (with Computer Interface)	DMV-001-C2
4.	Digital Nanoammeter	DNM-121
5.	Digital Nanoammeter (with Computer Interface)	DNM-121-C2
6.	Digital Picoammeter	DPM-111
7.	Digital Picoammeter (with Computer Interface)	DPM-111-C2
8.	Digital Picoammeter	DPM-112
9.	Digital Picoammeter	DPM-1200
10.	High Voltage Power Supply	EHT-11
11.	High Voltage Power Supply (with Computer Interface)	EHT-11-C1
12.	True RMS A.C. Millivoltmeter	ACM-102
13.	True RMS A.C. Millivoltmeter (with 1KHz built -in oscillator)	ACM-103
14.	Electromagnet (with Flat pole)	EMU-75
15.	Electromagnet (with tapered pole)	EMU-75T
16.	Constant Current Power Supply (suitable for EMU-75)	DPS-175M
17.	Constant Current Power Supply (with Computer Interface)	DPS-175-C2
18.	Constant Current Power Supply (Bioplar power supply with Computer Interface)	DPS-175BPC
19.	Electromagnet (with Flat Pole)	EMU-50V
20.	Electromagnet (with tapered pole)	EMU-50T
21.	Constant Current Power supply	DPS-50
22.	Constant Current Power supply (with Computer Interface)	DPS-50-C1
23.	Constant Current Source	CCS-01
24.	Digital Gaussmeter (classroom model)	DGM-102
25.	Digital Gaussmeter (with interchangeable probe)	DGM-202
26.	Hand Held Gaussmeter	DGM-HH-02
27.	Digital Gaussmeter (with Computer Interface)	DGM-202-C1
28.	Digital Gaussmeter (with differential mode)	DGM-103

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S. No.	Model Name	Model Number
29.	Digital Gaussmeter (with extended range)	DGM-204
30.	Digital Gaussmeter (with Computer Interface)	DGM-204-C2
31.	Digital Gaussmeter (with ac/dc magnetic measurement)	DGM-401
32.	Tesla Meter	TM-400
33.	PID Controlled Oven	PID-TZN / PID-TZ-CT
34.	PID Controlled Oven (with Computer Interface)	PID-TZC
35.	Travelling Microscope (with 2 axis motion)	TVM-02
36.	Travelling Microscope (with 3 axis motion)	TVM-03
37.	Regulated Power Supply	PS-12
38.	Function Generator	FG-01
39.	Function Generator	JDS-6600
40.	Function Generator	JDS-6600-60
41.	Magnetic Field Measurement Apparatus	MFM-01
42.	Study of Dielectric Constant and Curie Temperature of Ferroelectric Ceramics	DEC-01
43.	Dielectric Measurement Setup	DEC-600
44.	Study of Dielectric Constant in Liquids	DCL-01
45.	Dielectric Constant of Solids & Liquid	DSL-01
46.	Frequency Dependence of Dielectric Constant	FDD-01
47.	Temperature Variation Option for FDD-01	PID-FDD
48.	Zeeman Effect Experiment	ZEX-01
49.	Zeeman Effect Experiment	ZEX-02
50.	Millikan's Oil Drop Experiment	MOD-01
51.	e/m Experiment	EMX-01
52.	Planck's Constant by Photoelectric Effect	PC-101
53.	Determination of Planck's Constant by means of LED's	PCA-01
54.	Frank Hertz Experiment	FH-3001
55.	Ionization Potential Set-up	IP-01

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S. No.	Model Name	Model Number
56.	Resistivity of Semiconductors by Four Probe Method at Different Temperatures and Determination of the Band-gap (Basic Model)	DFP-02
57.	Resistivity of Semiconductors by Four Probe Method at Different Temperatures and Determination of the Band-gap (Advance Model)	DFP-03
58.	Four Probe Set-up for measuring the resistivity of very low to highly resistive thin sheet samples at different temperatures	DFP-RM-200N
59.	Four Probe Set-up for measuring the resistivity of very low to highly resistive thin sheet samples at different temperatures with USB based computer interface facility	DFP-RM-200NC
60.	Four Probe measurement set-up for wide range of resistivity samples from -190°C to 200°C temperatures	DFP-LHN
61.	Four Probe measurement set-up for wide range of resistivity samples from -190°C to 200°C temperatures with USB based computer interface facility	DFP-LHC
62.	Four Probe Set-up for Mapping the Resistivity of Large Samples	FP-01N
63.	Four Probe Set-up for Mapping the Resistivity of Large Samples	FP-01C
64.	Van der Pauw Experiment for measuring both resistivity and hall coefficients of given semiconductor samples	VDX-01
65.	Measurement of Magnetoresistance of Semiconductors	MRX-01
66.	Magnetoresistance in Bismuth	MRB-11
67.	Measurement of Magnetoresistance in Different Samples	MRX-RMN
68.	Measurement of Magnetoresistance in Different Samples with USB based computer interface facility	MRX-RMC
69.	Two Probe Method for Resistivity Measurement of Insulators	TPX-200N
70.	Two Probe Method for Resistivity Measurement of Insulators with USB based computer interface facility	TPX-200C
71.	High Temperature Two Probe Set-up	TPX-600N
72.	High Temperature Two Probe Set-up with USB based computer interface facility	TPX-600-C

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S. No.	Model Name	Model Number
73.	Electron Spin Resonance Spectrometer	ESR-105
74.	NMR Experiment	NMR-01
75.	Study of Thermoluminescence of F-centres in Alkali Halide Crystals	TLX-02
76.	Thermoluminescence Irradiation Unit	TIU-02
77.	X-Ray Diffraction Simulation	XDE-01
78.	Hall Effect Experiment	HEX-21
79.	Hall Effect Experiment with USB based computer interface facility	HEX-21C
80.	Hall Effect in Bismuth	HEB-11
81.	Hall Effect Experiment (Research)	HEX-RM-150
82.	Hall Effect Experiment (Research) with USB based computer interface facility	HEX-RM -150C
83.	Hall Effect in Metals	HEM-01
84.	Dependence of Hall Coefficient on Temperature	HEX-22
85.	Dependence of Hall Coefficient on Temperature	HEX-33
86.	Dependence of Hall Coefficient on Temperature with USB based computer interface facility	HEX-33C
87.	Apparatus for the Measurement of Susceptibility of Paramagnetic Solution by Quinck's Tube Method	QTX-01
88.	Apparatus for the Measurement of Susceptibility of Solids by Gouy's Method	GMX-01
89.	Apparatus for the Measurement of Susceptibility of Solids by Gouy's Method (Advance Model)	GMX-02
90.	Apparatus for the Measurement of Susceptibility of Solids by Gouy's Method (Advance Model)	GMX-02 (50)
91.	Vibrating Sample Magnetometer	VSM-1000
92.	Magnetic Hysteresis Loop Tracer	HLT-111
93.	Magnetic Hysteresis Loop Tracer with USB based computer interface facility	HLT-111C
94.	Ferroelectric PE Loop Tracer	PEL-01C

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S. No.	Model Name	Model Number
95.	Study of the energy band-gap and diffusion potential of P-N Junctions	PN-01
96.	Study of Diode Characteristics	SDC-02
97.	Diode Characteristics & Boltzmann Constant	DCBC-01
98.	Study of Active Filters	AF-01
99.	Study of a Transistor Amplifier (RC Coupled) Cum-Feed Back Amplifier	RC-01
100.	Study of Multivibrators	MV-01
101.	Study of Characteristics of Semiconductors Diodes Si, Ge, Zener & LED	D-1
102.	Study of Hybrid Parameters of Transistors	HP-01
103.	Study of a Solid-State Power Supply	SSPS-02
104.	Study of Modulation & Demodulation with Built-in Carrier Frequency	MD-01
105.	Study of Modulation & Demodulation	MD-02
106.	Study of a Basic Operational Amplifier Type-74l	741-01
107.	Study of Op Amp 74l Applications	741-03
108.	Signal Generation Application of Operation Amplifier	741-05
109.	Study of Op. Amp based LC Oscillators	741-07
110.	Study of Astable & Monostable Multivibrators using Timer IC	555
111.	Study of an Integrated Circuit Regulator	723
112.	Study of Frequency Modulation & Demodulation	FMD-01
113.	Sourcemeter	SM-1000
114.	Sourcemeter with USB based computer interface facility	SM-1000C

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REGULATIONS FOR THE USE OF MARK/LOGO

General Condition for use of Marks: On you being successfully issued with a Certificate by GCL, GCL licenses you to use the GCL Logos on a non-exclusive, royalty-free basis. The license is personal to you. You may not sub-license the use of the GCL Logos to any third party. You may not tamper with or change the appearance of the GCL Logos. You may only display the GCL Logos in accordance with the instructions of GCL.

If a Certificate expires or is withdrawn or cancelled by GCL, your right to use the GCL Logos shall immediately terminate. Further, GCL may cancel a license granted to you to use the GCL Logos at any time for any or no reason with immediate effect. Upon cancellation of the license, you will immediately cease to use the GCL Logos and discontinue any reference to the GCL Logos in any materials.

Your organization may wish to use the GCL Logo to market itself as a company registered to relevant certification. Artwork is supplied by e-mail or on computer disc to assist you to display the logo on your letterheads, invoices etc.

Where GCL holds DENAK Accreditation for the scope of your registration, you may use either the GCL Logo in isolation, or the Logo combined with the DENAK Accreditation Mark. However, please observe the following, which will be subject to monitoring by GCL during surveillance visits:

1) **Conditions of Use:**
   a. Logos/Mark may not be used on products, packaging, or other materials, which may suggest product approval, unless this has been granted (For example CE Mark).
   b. Logos/Mark may be used on letterheads, business cards, brochures, advertising material. CE Mark can be used on product.
   c. There is no restriction as to the size of the basic GCL Logo.
   d. There is no restriction as to the choice of colour of the basic GCL Logo but please do not use more than the colours in logo.

2) **Conditions for the Combined GCL/DENAK Accreditation Mark Logo:**
   a. The combined GCL/DENAK Accreditation Mark Logo may be used only by organizations whose registration is covered by GCL's accreditation to DENAK.
   b. Accreditation Mark" means the Accreditation Body's mark licensed to the Certification Body and that may be sub licensed to the Client whose management system has been successfully certified, where the Accreditation Body permits its use. Where the use is permitted it shall be used only as provided by SGS in combination with the SGS certification mark and shall under no circumstances be used independently.
   c. The DENAK Accreditation Mark may be used only with the GCL logo to the left of it, and GCL Registration Number (MSA-004) underneath it. The logo and Accreditation Mark must be enclosed in a box and reproduced accurately, strictly in accordance with the artwork.
   d. The combined Logo may be reproduced in a single colour only, which may be red, brown, black, dark blue, or gold, or, in the case of pre-printed letterhead paper, the predominant colour of the letterhead. It may be reproduced in other colours only with the prior written consent of the Grimsby Certifications Limited. Any request must be accompanied by an example.
   e. The DENAK Logo may not be affixed to, or appear on, a road vehicle, flag or product packaging.
   f. If the logo is reduced in size, the same proportions must be retained. **The DENAK accreditation mark must be at least 20mm in height, for letterheads, but may be 15mm for business cards.**

3) **If you are in doubt regarding the use of the logo:** Please contact the GCL office before printing.

4) **Below are Sample Marks which can be used as per the certificates issued to you:** You can mail to admin@grimsbycertifications.com for art-work of Mark.

UNITED KINGDOM: 79, ST. IVES CRESCENT, DN34 5SJ, GRIMSBY, LINCOLNSHIRE, UK
INDIA: 215, GYAN KHAND-1, INDIRAPURAM, (DELHI NCR), GHAZIABAD: 201 014, INDIA
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