



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**R&D LABORATORY, SARDAR SWARAN SINGH NATIONAL
INSTITUTE OF BIO-ENERGY**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

12TH K.M. STONE, JALANDHAR-KAPURTHALA ROAD, WADALA KALAN, KAPURTHALA, PUNJAB,
INDIA

in the field of

TESTING

Certificate Number: TC-15411

Issue Date: 03/02/2025

Valid Until: 02/02/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: SARDAR SWARAN SINGH NATIONAL INSTITUTE OF BIO-ENERGY

Signed for and on behalf of NABL



Anita Rani
Director

N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

R&D LABORATORY, SARDAR SWARAN SINGH NATIONAL INSTITUTE OF BIO-ENERGY, 12TH K.M. STONE, JALANDHAR-KAPURTHALA ROAD, WADALA KALAN, KAPURTHALA, PUNJAB, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-15411

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Validity

03/02/2025 to 02/02/2029

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- GASES	Bio-Gas / Bio-CNG	Composition of Gases - Carbon Dioxide	NIBE-LSOP-12 (Issue No.: 01, Issue Date: 01.12.2023)
2	CHEMICAL- GASES	Bio-Gas / Bio-CNG	Composition of Gases - Hydrogen	NIBE-LSOP-12 (Issue No.: 01, Issue Date: 01.12.2023)
3	CHEMICAL- GASES	Bio-Gas / Bio-CNG	Composition of Gases - Methane	NIBE-LSOP-12 (Issue No.: 01, Issue Date: 01.12.2023)
4	CHEMICAL- GASES	Bio-Gas / Bio-CNG	Composition of Gases - Nitrogen	NIBE-LSOP-12 (Issue No.: 01, Issue Date: 01.12.2023)
5	CHEMICAL- GASES	Bio-Gas / Bio-CNG	Composition of Gases - Oxygen	NIBE-LSOP-12 (Issue No.: 01, Issue Date: 01.12.2023)
6	CHEMICAL- SOLID FUELS	Biomass / Feedstock / Pellets / Briquettes	Ash Content	IS 17653
7	CHEMICAL- SOLID FUELS	Biomass / Feedstock / Pellets / Briquettes	Calorific Value	IS 17654
8	CHEMICAL- SOLID FUELS	Biomass / Feedstock / Pellets / Briquettes	Carbon	IS 17832
9	CHEMICAL- SOLID FUELS	Biomass / Feedstock / Pellets / Briquettes	Hydrogen	IS 17832
10	CHEMICAL- SOLID FUELS	Biomass / Feedstock / Pellets / Briquettes	Moisture Content	IS 17655 (Part 3)
11	CHEMICAL- SOLID FUELS	Biomass / Feedstock / Pellets / Briquettes	Nitrogen	IS 17832
12	CHEMICAL- SOLID FUELS	Biomass / Feedstock / Pellets / Briquettes	Volatile Matter	IS 17844