National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

ALCHEMIE GASES & CHEMICALS PVT. LTD.

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

T-112, MIDC, TARAPUR, BOISAR, PALGHAR, MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: NABLT0826MH19224 (In lieu of TC-7176)

Issue Date: 29/06/2026 **Valid Until:** 28/06/2030

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: ALCHEMIE GASES & CHEMICALS PVT. LTD.

Signed for and on behalf of NABL

Anuja Anand
Director

Dr. Ramanand N. Shukla
Chief Executive Officer

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ALCHEMIE GASES & CHEMICALS PVT. LTD., T-112, MIDC, TARAPUR, BOISAR, PALGHAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLT0826MH19224 **Page No** 1 of 4

Validity 29/06/2026 to 28/06/2030 **Last Amended on** 28/08/2026

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	Gas Mixture	Methane in Nitrogen & Air	ASTM D 7833
2	CHEMICAL- GASES	Gas Mixture	Nitric Oxide in Nitrogen	ASTM D6522
3	CHEMICAL- GASES	Gas Mixture	Carbon Dioxide in Nitrogen	ASTM D 7833
4	CHEMICAL- GASES	Gas Mixture	Carbon Monoxide in Nitrogen	ASTM D 7833
5	CHEMICAL- GASES	Gas Mixture	Hydrogen Sulfide in Nitrogen & Methane	(SOP/364/Lab/AH2s)
6	CHEMICAL- GASES	Gas Mixture	Hydrogen Sulfide in Nitrogen & Methane	(SOP/367/Lab/AH2s)
7	CHEMICAL- GASES	Gas Mixture	Methane in Nitrogen & Air	ASTM D 7833
8	CHEMICAL- GASES	Gas Mixture	Methane in Nitrogen & Air	ASTM D 7833
9	CHEMICAL- GASES	Gas Mixture	Methane in Nitrogen & Air	ASTM D 7833
10	CHEMICAL- GASES	Gas Mixture	Nitric Oxide in Nitrogen	(SOP/363/Lab/ANox)
11	CHEMICAL- GASES	Gas Mixture	Nitric Oxide in Nitrogen	ASTM D 3824
12	CHEMICAL- GASES	Gas Mixture	Nitric Oxide in Nitrogen	Sop/363/Lab/Nox
13	CHEMICAL- GASES	Gas Mixture	Nox in Nitrogen	(SOP/363/Lab/ANox)
14	CHEMICAL- GASES	Gas Mixture	Nox in Nitrogen	(SOP/363/Lab/ANox)
15	CHEMICAL- GASES	Gas Mixture	NoX in Nitrogen	ASTM D 3824
16	CHEMICAL- GASES	Gas Mixture	Nox in Nitrogen	ASTM D 3824
17	CHEMICAL- GASES	Gas Mixture	Oxygen in Nitrogen	ASTM D 7833
18	CHEMICAL- GASES	Gas Mixture	Propane in Nitrogen & Air	ASTM D 7833
19	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide in Nitrogen	ASTM D 7833
20	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide in Nitrogen	ASTM D 7833
21	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide in Nitrogen	ASTM D 7833

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLT0826MH19224 **Page No** 2 of 4

Validity 29/06/2026 to 28/06/2030 **Last Amended on** 28/08/2026

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
22	CHEMICAL- GASES	Gas Mixtures	Carbon Monoxide in Nitrogen	ASTM D 7833
23	CHEMICAL- GASES	Gas Mixtures	Carbon Monoxide in Nitrogen	ASTM D 7833
24	CHEMICAL- GASES	Gas Mixtures	Nitric Oxide in Nitrogen	ASTM D 3824
25	CHEMICAL- GASES	Gas Mixtures	Oxygen in Nitrogen	ASTM D 7833
26	CHEMICAL- GASES	Gas Mixtures	Propane in Nitrogen & Air	ASTM D 7833
27	CHEMICAL- GASES	Gas Mixtures	Propane in Nitrogen & Air	ASTM D 7833
28	CHEMICAL- GASES	Natural gas mix/Gas mixture	Density	IS 14504
29	CHEMICAL- GASES	Natural gas mix/Gas mixture	Density	ISO 6976
30	CHEMICAL- GASES	Natural gas mix/Gas mixture	Ethane	ISO 6974 (Part 5)
31	CHEMICAL- GASES	Natural gas mix/Gas mixture	ISO Butane	ISO 6974 (Part 5)
32	CHEMICAL- GASES	Natural gas mix/Gas mixture	Iso Pentane	ISO 6974 (Part 5)
33	CHEMICAL- GASES	Natural gas mix/Gas mixture	Methane	ISO 6974 (Part 5)
34	CHEMICAL- GASES	Natural gas mix/Gas mixture	N Butane	ISO 6974 (Part 5)
35	CHEMICAL- GASES	Natural gas mix/Gas mixture	N Hexane	ISO 6974 (Part 5)
36	CHEMICAL- GASES	Natural gas mix/Gas mixture	N Pentane	ISO 6974 (Part 5)
37	CHEMICAL- GASES	Natural gas mix/Gas mixture	Nitrogen	ISO 6974 (Part 5)
38	CHEMICAL- GASES	Natural gas mix/Gas mixture	Propane	ISO 6974 (Part 5)
39	CHEMICAL- GASES	Natural gas mix/Gas mixture	Relative Density	IS 14504
40	CHEMICAL- GASES	Natural gas mix/Gas mixture	Relative Density	ISO 6976
41	CHEMICAL- GASES	Natural gas mix/Gas mixture	Superior Calorific Value	ISO 6976
42	CHEMICAL- GASES	Natural gas mix/Gas mixture	Superior Calorific Value	ISO 6976
43	CHEMICAL- GASES	Natural gas mix/Gas mixture	Superior Wobbe Index	ISO 6976
44	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Carbon Dioxide	ASTM D7833
45	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Ethane	ASTM D7833
46	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Gross Heating Value	IS 14504
47	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Gross Heating Value	IS 14504

SCOPE OF ACCREDITATION

Laboratory Name : ALCHEMIE GASES & CHEMICALS PVT. LTD., T-112, MIDC, TARAPUR, BOISAR, PALGHAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLT0826MH19224 **Page No** 3 of 4

Validity 29/06/2026 to 28/06/2030 **Last Amended on** 28/08/2026

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
48	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Gross Heating Value	IS 14504
49	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Gross Heating Value	ISO 6976
50	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Gross Heating Value	ISO 6976
51	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Gross Heating Vaule	ISO 6976
52	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Inferior Calorific Value	ISO 6976
53	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Inferior Calorific Value	ISO 6976
54	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Inferior Wobbe Index	ISO 6976
55	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Iso-Butane	ASTM D7833
56	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Iso-Pentane	ASTM D7833
57	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Methane	ASTM D7833
58	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Neo Pentane	ISO 6974 (Part 5)
59	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Neo-Pentane	ASTM D7833
60	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Net Heating Value	IS 14504
61	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Net Heating Value	IS 14504
62	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Net Heating Value	IS 14504
63	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Net Heating Value	ISO 6976
64	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Net Heating Value	ISO 6976
65	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Net Heating Value	ISO 6976
66	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	N-Hexane	ASTM D7833
67	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Nitrogen	ASTM D7833
68	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	N-Pentane	ASTM D7833
69	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Propane	ASTM D7833
70	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Superior Calorific Value	IS 14504
71	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Superior Calorific Value	ISO 6976
72	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Carbon Dioxide	IS 15130 (Part 5)
73	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Carbon Dioxide	ISO 6974(Part 5)
74	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Ethane	IS 15130 (Part 5)

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLT0826MH19224 **Page No** 4 of 4

Validity 29/06/2026 to 28/06/2030 **Last Amended on** 28/08/2026

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
75	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Inferior Calorific Value	IS 14504
76	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Inferior Wobbe Index	IS 14504
77	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	ISO Butane	IS 15130 (Part 5)
78	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Iso pentane	IS 15130 (Part 5)
79	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Methane	IS 15130 (Part 5)
80	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N Butane	IS 15130 (Part 5)
81	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N Pentane	IS 15130 (Part 5)
82	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Neo Pentane	IS 15130 (Part 5)
83	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Hexane	IS 15130 (Part 5)
84	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Nitrogen	IS 15130 (Part 5)
85	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Propane	IS 15130 (Part 5)
86	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Superior Wobbe Index	IS 14504
87	CHEMICAL- GASES	Natural Gas Mixture/Gas Mixture	N-Butane	ASTM D7833
88	CHEMICAL- GASES	Natural Gas Mixtures	Superior Calorific Value	IS 14504
89	CHEMICAL- GASES	Natural Gas Mixtures / Gas Mixture	Inferior Calorific Value	IS 14504
90	CHEMICAL- GASES	Natural Gas Mixtures / Gas Mixture	Inferior Calorific Value	ISO 6976
91	CHEMICAL- GASES	Natural Gas Mixtures / Gas Mixtures	Inferior Calorific Value	IS 14504
92	CHEMICAL- GASES	Natural Gas Mixtures/Gas Mixture	Superior Calorific Value	IS 14504
93	CHEMICAL- GASES	Sulphur Mixture	Carbonyl Sulfide in Methane	ASTM D 6228
94	CHEMICAL- GASES	Sulphur Mixture	Dimethyl Sulfide in Methane	ASTM D 6228
95	CHEMICAL- GASES	Sulphur Mixture	Ethyl Mercaptan in Methane	ASTM D 6228
96	CHEMICAL- GASES	Sulphur Mixture	Hydrogen Sulfide in Methane	ASTM D 6228
97	CHEMICAL- GASES	Sulphur Mixture	Methyl Mercaptan in Methane	AStm D 6228