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

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Validity 29/06/2022 to 28/06/2024 **Last Amended on** -

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 Facility				
1	CHEMICAL- GASES	Gas Mixture	Carbon Monoxide	ASTM D 7833
2	CHEMICAL- GASES	Gas Mixture	Methane	ASTM D 7833
3	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide	ASTM D 7833
4	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide	ASTM D 7833
5	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide	ASTM D 7833
6	CHEMICAL- GASES	Gas Mixtures	Carbon Monoxide	ASTM D 7833
7	CHEMICAL- GASES	Gas Mixtures	Carbon Monoxide	ASTM D 7833
8	CHEMICAL- GASES	Gas Mixtures	Methane	ASTM D 7833
9	CHEMICAL- GASES	Gas Mixtures	Nitric Oxide	ASTM D 3824
10	CHEMICAL- GASES	Gas Mixtures	Nitric Oxide	ASTM D 3824
11	CHEMICAL- GASES	Gas Mixtures	Oxygen	ASTM D 7833
12	CHEMICAL- GASES	Gas Mixtures	Propane	ASTM D 7833
13	CHEMICAL- GASES	Gas Mixtures	Propane	ASTM D 7833
14	CHEMICAL- GASES	Natural gas mix / Gas mixture	Density	GPA 2172
15	CHEMICAL- GASES	Natural gas mix/Gas mixture	Density	IS 14504
16	CHEMICAL- GASES	Natural gas mix/Gas mixture	Density	ISO 6976
17	CHEMICAL- GASES	Natural gas mix/Gas mixture	Ethane	ISO 6974 (Part 5)
18	CHEMICAL- GASES	Natural gas mix/Gas mixture	Inferior Calorific Value	GPA 2172
19	CHEMICAL- GASES	Natural gas mix/Gas mixture	Inferior Calorific Value	ISO 6976
20	CHEMICAL- GASES	Natural gas mix/Gas mixture	ISO Butane	ISO 6974 (Part 5)
21	CHEMICAL- GASES	Natural gas mix/Gas mixture	Iso Pentane	ISO 6974 (Part 5)
22	CHEMICAL- GASES	Natural gas mix/Gas mixture	Methane	ISO 6974 (Part 5)
23	CHEMICAL- GASES	Natural gas mix/Gas mixture	N Butane	ISO 6974 (Part 5)
24	CHEMICAL- GASES	Natural gas mix/Gas mixture	N Hexane	ISO 6974 (Part 5)
25	CHEMICAL- GASES	Natural gas mix/Gas mixture	N Pentane	ISO 6974 (Part 5)
26	CHEMICAL- GASES	Natural gas mix/Gas mixture	Nitrogen	ISO 6974 (part 5)
27	CHEMICAL- GASES	Natural gas mix/Gas mixture	Propane	ISO 6974 (Part 5)
28	CHEMICAL- GASES	Natural gas mix/Gas mixture	Relative Density	GPA 2172
29	CHEMICAL- GASES	Natural gas mix/Gas mixture	Relative Density	ISO 6976

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30	CHEMICAL- GASES	Natural gas mix/Gas mixture	Superior Calorific Value	GPA 2172
31	CHEMICAL- GASES	Natural gas mix/Gas mixture	Superior Calorific Value	ISO 6976
32	CHEMICAL- GASES	Natural gas mix/Gas mixture	Wobbe Index	ISO 6976
33	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixture	Neo Pentane	ISO 6974 (Part 5)
34	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	2,2-Dimethylbutane	ISO 23874
35	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	2-Methylpentane	ISO 23874
36	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	3-Methylpentane	ISO 23874
37	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Benzene	ISO 23874
38	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Carbon Dioxide	IS 15130 (Part 5)
39	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Carbon Dioxide	ISO 6974(Part 5)
40	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Ethane	IS 15130 (Part 5)
41	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Gross Heating Value (For Ideal Gas)	ASTM D 3588
42	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Gross Heating Value (For Real Gas)	ASTM D 3588
43	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Inferior Calorific Value	IS 14504
44	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	ISO Butane	IS 15130 (Part 5)
45	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Iso pentane	IS 15130 (Part 5)
46	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Methane	IS 15130 (Part 5)
47	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N Butane	IS 15130 (Part 5)
48	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N Pentane	IS 15130 (Part 5)
49	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Decane	ISO 23874
50	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Neo Pentane	IS 15130 (Part 5)
51	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Net Heating value (For Real Gas)	ASTM D 3588
52	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Net Heating Value (For Ideal Gas)	ASTM D 3588
53	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Heptane	ISO 23874
54	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Hexane	IS 15130 (Part 5)
55	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Hexane	ISO 23874
56	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Nitrogen	IS 15130 (Part 5)
57	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Nonane	ISO 23874

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7176	**Page No**	3 of 3
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58	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Octane	ISO 23874
59	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Propane	IS 15130 (Part 5)
60	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Relative Density	IS 14504
61	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Superior Calorific Value	IS 14504
62	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Toluene	ISO 23874
63	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Wobbe Index	GPA 2172
64	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Wobbe Index	IS 14504