



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	TC-7176	Page No	1 of 3
Validity	20/04/2020 to 19/04/2022	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 Mixtures	Carbon Dioxide	ASTM D 7833
2	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide	ASTM D 7833
3	CHEMICAL- GASES	Gas Mixtures	Carbon Dioxide	ASTM D 7833
4	CHEMICAL- GASES	Gas Mixtures	Carbon Monoxide	ASTM D 7833
5	CHEMICAL- GASES	Gas Mixtures	Carbon Monoxide	ASTM D 7833
6	CHEMICAL- GASES	Gas Mixtures	Helium	In-house Method as per SOP/325/Lab/GCAS Current Issue 01, Current Issue Dated 20/08
7	CHEMICAL- GASES	Gas Mixtures	Methane	ASTM D 7833
8	CHEMICAL- GASES	Gas Mixtures	Nitric Oxide	ASTM D 3824
9	CHEMICAL- GASES	Gas Mixtures	Oxygen	ASTM D 7833
10	CHEMICAL- GASES	Gas Mixtures	Propane	ASTM D 7833
11	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	2,2-Dimethylbutane	ISO 23874
12	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	2-Methylpentane	ISO 23874
13	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	3-Methylpentane	ISO 23874
14	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Benzene	ISO 23874
15	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Carbon Dioxide	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
16	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Density	IS 14504 : 1998 / ISO 6976 : 2016 / GPA 2172



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17	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Ethane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
18	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Gross Heating Value (For Ideal Gas)	ASTM D 3588
19	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Gross Heating Value (For Real Gas)	ASTM D 3588
20	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Inferior Calorific Value	IS 14504 : 1998 / ISO 6976 : 2016 / GPA 2172
21	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	ISO Butane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
22	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Iso pentane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
23	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Methane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
24	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N Butane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
25	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N Pentane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
26	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Decane	ISO 23874
27	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Neo Pentane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
28	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Net Heating value (For Real Gas)	ASTM D 3588
29	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Net Heating Value (For Ideal Gas)	ASTM D 3588
30	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Heptane	ISO 23874



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31	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Hexane	ISO 23874
32	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Hexane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
33	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Nitrogen	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
34	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Nonane	ISO 23874
35	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	N-Octane	ISO 23874
36	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Propane	IS 15130 (Part 5) : 2002 / ISO 6974 (Part 5)
37	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Relative Density	IS 14504 : 1998 / ISO 6976 : 2016 / GPA 2172
38	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Superior Calorific Value	IS 14504 : 1998 / ISO 6976 : 2016 / GPA 2172
39	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Toluene	ISO 23874
40	CHEMICAL- GASES	Natural Gas Mixture / Gas Mixtures	Wobbe Index	IS 14504 : 1998 / ISO 6976 : 2016 / GPA 2172