National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, GAIL (INDIA) LIMITED, GANDHAR, P.O. ROZATANKARIA, TALUKA-AMOD, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5128 **Page No** 1 of 3

Validity 13/01/2022 to 12/01/2024 **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- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Copper strip corrosion for one hour at 38 degC	ASTM D 1838
2	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Density @ 15 degC	ISO 8973
3	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Doctor test in LPG	IS 4576
4	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Ethane	ASTM D 2163
5	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Ethane	IS 1448 (P:111)
6	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Free water content	IS 4576
7	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Hydrogen Sulphide (H2S)	IS 1448 (P 73)
8	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	iso-Butane	ASTM D 2163
9	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	iso-Butane	IS 1448 (P:111)
10	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	iso-Pentane	ASTM D 2163
11	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	iso-Pentane	IS 1448 (P:111)
12	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	n-Butane	ASTM D 2163
13	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	n-Butane	IS 1448 (P:111)
14	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	n-Pentane	ASTM D 2163
15	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	n-Pentane	IS 1448 (P:111)
16	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Propane	ASTM D 2163
17	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Propane	IS 1448 (P:111)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG)	Vapour Pressure @ 40 degC	ISO 8973

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density at 15 Degree Celcius	IS 1448 (P 16)
20	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Final Boiling Point	ASTM D 86
21	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Initial Boiling Point	ASTM D 86
22	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	C6 +	ASTM D 1945
23	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Calorific Value (Gross)	ISO 6976
24	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Calorific Value (Net)	ISO 6976
25	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Carbon dioxide	ASTM D 1945
26	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Ethane	ASTM D 1945
27	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	iso-Butane	ASTM D 1945
28	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	iso-Pentane	ASTM D 1945
29	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Methane	ASTM D 1945
30	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Molecular weight	ISO 6976
31	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	n-Butane	ASTM D 1945
32	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Nitrogen	ASTM D 1945
33	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	n-Pentane	ASTM D 1945
34	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Propane	ASTM D 1945
35	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Specific Gravity	ISO 6976
36	CHEMICAL- PETROLEUM AND PRODUCTS	Pentane	Density at 15 degree Celcius	IS 1448 (P 16)
37	CHEMICAL- PETROLEUM AND PRODUCTS	Pentane	Final Boiling Point	ASTM D 86

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Pentane	Initial Boiling Point	ASTM D 86