National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY GAIL (INDIA) LTD., LPG RECOVERY PLANT, GIDC INDUSTRIAL AREA, VAGHODIA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8150 **Page No** 1 of 2

Validity 26/11/2021 to 25/11/2023 **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	FEED NATURAL GAS	CALORIFIC VALUE	ISO 6976
2	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	CARBON DIOXIDE	ASTM D 1945
3	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	ETHANE	ASTM D 1945
4	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	HEXANE	ASTM D 1945
5	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	I BUTANE	ASTM D 1945
6	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	I PENTANE	ASTM D 1945
7	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	Methane	ASTM D 1945
8	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	N BUTANE	ASTM D 1945
9	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	N PENTANE	ASTM D 1945
10	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	NITROGEN	ASTM D 1945
11	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	PROPANE	ASTM D 1945
12	CHEMICAL- PETROLEUM AND PRODUCTS	FEED NATURAL GAS	SPECIFIC GRAVITY	ISO 6976
13	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	Calorific Value	ISO 6976
14	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	CARBON DIOXIDE	ASTM D 1945
15	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	ETHANE	ASTM D 1945
16	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	HEXANE	ASTM D 1945
17	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	I BUTANE	ASTM D 1945
18	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	I PENTANE	ASTM D 1945

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19	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	METHANE	ASTM D 1945
20	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	N BUTANE	ASTM D 1945
21	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	N PENTANE	ASTM D 1945
22	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	NITROGEN	ASTM D 1945
23	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	PROPANE	ASTM D 1945
24	CHEMICAL- PETROLEUM AND PRODUCTS	LEAN NATURAL GAS	SPECIFIC GRAVITY	ISO 6976
25	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	CAUSTIC TEST	IS 4576 NOTE 11
26	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum gas (LPG)	Copper strip corrosion for 1 hr at 38 ºc	ASTM D 1838
27	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	Density @ 15 degree C	ISO 8973
28	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	ETHANE	ASTM D 2163
29	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	FREE WATER CONTENT	IS 4576 NOTE 9
30	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	HYDROGEN SULPHIDE	IS 4576 NOTE 6
31	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	I BUTANE	ASTM D 2163
32	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	I PENTANE	ASTM D 2163
33	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	Mercaptan	IS 4576 (Requirements 5.2)
34	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	N BUTANE	ASTM D 2163
35	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	N PENTANE	ASTM D 2163
36	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	PROPANE	ASTM 2163
37	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gas (LPG)	Vapour Pressure@40 degress C	ISO 8973