National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, GAIL (INDIA) LIMITED, BASE LABORATORY, GAIL VIJAIPUR, GUNA, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6945 **Page No** 1 of 4

Validity 28/12/2022 to 27/12/2024 **Last Amended on** 10/03/2023

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
LOCATION 1-BASE LABORATORY, GAIL VIJAIPUR, GUNA, MADHYA PRADESH, INDIA Permanent Facility				
1	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Butane	ASTM D 2163
2	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Caustic Test	IS 4576
3	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Copper Strip Corrosion @ 40 C	ASTM D 1838
4	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Density @15 °C	ISO 8973
5	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Ethane	ASTM D 2163
6	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Free Water Content	IS 4576
7	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Hydrogen Sulphide	ASTM D 2420
8	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Odour	IS 4576
9	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Pentane	ASTM D 2163
10	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Propane	ASTM D 2163
11	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Total Volatile Sulphur	ASTM D 6667
12	CHEMICAL- PETROLEUM AND PRODUCTS	LPG	Vapour Pressure	ISO 8973
13	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Butane	IS 15130 (Part -5)
14	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Carbon Dioxide	IS 15130 (Part 5)
15	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Ethane	IS 15130 (Part-5)
16	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Gross Calorific Value	ISO 6976
17	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Haxane +	IS 15130 (Part-5)
18	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Net Calorific Value	ISO 6976

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY ASSURANCE LABORATORY, GAIL (INDIA) LIMITED, BASE LABORATORY, GAIL VIJAIPUR, GUNA, MADHYA PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6945	**Page No**	2 of 4
Validity	28/12/2022 to 27/12/2024	**Last Amended on**	10/03/2023

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
19	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Nitrogen	Is 15130 (Part-5)
20	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Pentane	IS 15130 (Part-5)
21	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Propane	IS 15130 (Part 5)
22	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Lean)	Specific Gravity	ISO 6976
23	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Butane	IS 15130 (Part-5)
24	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Carbon Dioxide	IS 15130 (Part-5)
25	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Ethane	IS 15130 (Part 5)
26	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Gross Calorific Value	ISO 6976
27	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Haxane +	IS 15130 (Part-5)
28	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Methane	IS 15130 (Part 5)
29	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Net Calorific value	ISO 6976
30	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Nitrogen	IS 15130 (Part-5)
31	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Pentane	IS 15130 (Part-5)
32	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Propane	IS 15130 (Part-5)
33	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas (Rich)	Specific Gravity	ISO 6976
34	CHEMICAL- PETROLEUM AND PRODUCTS	Naturus Gas (Lean)	Methane	IS 15130 (Part-5)
35	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Butane	ASTM D 2163
36	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Caustic Test	IS 4576
37	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Copper Strip Corrosion @ 40 °C for 1 hr	ASTM D 1838

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE LABORATORY, GAIL (INDIA) LIMITED, BASE LABORATORY, GAIL VIJAIPUR, GUNA, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6945 **Page No** 3 of 4

Validity 28/12/2022 to 27/12/2024 **Last Amended on** 10/03/2023

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
38	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Density @ 15 °C	ISO 8973
39	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Ethane	ASTM D 2163
40	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Hydrogen Sulphide	ASTM D 2420
41	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Moisture content (Dryness Test)	ISO 13758
42	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Odour	IS 4576
43	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Pentane	ASTM D 2163
44	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Propane	ASTM D 2163
45	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Total Volatile Sulphur	ASTM D 6667
46	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Vapour Pressure @ 40 °C	ISO 8973

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY ASSURANCE LABORATORY, GAIL (INDIA) LIMITED, BASE LABORATORY, GAIL VIJAIPUR, GUNA, MADHYA PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-6945	**Page No**	4 of 4
Validity	28/12/2022 to 27/12/2024	**Last Amended on**	10/03/2023

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
LOCATION 2 - FIELD TESTING LAB, NFL, VIJAIPUR, GUNA, GUNA, MADHYA PRADESH, INDIA Permanent Facility				
1	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Butane	IS 15130 (Part 4)
2	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Carbon Dioxide	IS 15130 (Part 4)
3	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Ethane	IS 15130 (Part 4)
4	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Gross calorific value	ISO 6976
5	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Hexane +	IS 15130 (Part 4)
6	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Methane	IS 15130 (Part 4)
7	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Net Calorific Value	ISO 6976
8	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Nitrogen	IS 15130 (Part 4)
9	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Pentane	IS 15130 (Part 4)
10	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Propane	IS 15130 (Part 4)
11	CHEMICAL- PETROLEUM AND PRODUCTS	Natural Gas	Specific Gravity	ISO 6976