National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MUNDRA LPG TERMINAL PRIVATE LIMITED, ADANI PORTS AND SPECIAL ECONOMIC ZONE, NAVINAL ISLAND,TALUKA, MUNDRA, KACHCHH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/04/2022 to 25/04/2024 **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 MIXTURE)	DENSITY @15°C (CALCULATED)	IP 432
2	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Cis-2-Butane	ASTM D 2163
3	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Cis-2-Butane	IS1448/Part-151
4	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Copper Strip Corrosion @ 37.8°C for 1 hour	ASTM D1838
5	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	DENSITY @15°C (CALCULATED	IP 432
6	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Ethane	ASTM D 2163
7	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Ethane	IS1448/Part-151
8	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	FREE WATER CONTENT	IS 4576 [Note-9]
9	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Hydrogen Sulphide (H2S)	ASTM D2420
10	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Hydrogen Sulphide (H2S)	IS 4576 Note 6
11	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	i-Butane	ASTM D 2163
12	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	i-Butane	IS1448/Part-151
13	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	i-Pentane	ASTM D 2163
14	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	i-Pentane	IS1448/Part-151
15	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	n-Butane	ASTM D 2163
16	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	n-Butane	IS1448/Part-151
17	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	n-Pentane	IS1448/Part-151
18	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Propane	ASTM D 2163

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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	Liquefied Petroleum Gases (BUTANE)	Propane	IS1448/Part-151
20	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Propylene	ASTM D 2163
21	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Propylene	IS1448/Part-151
22	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	VAPOUR PRESSURE AT 40°C (CALCULATED)	IP 432
23	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Caustic Test	IS 4576 - Note 11
24	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	Copper Strip Corrosion @ 40°C for 1 hour	IS1448/Part-152
25	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (BUTANE)	n-Pentane	ASTM D 2163
26	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	CAUSTIC TEST	IS 4576 - Note 11
27	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Cis-2-Butane	ASTM D 2163
28	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Cis-2-Butane	IS1448/Part-151
29	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Copper Strip Corrosion @ 37.8°C for 1 hour	ASTM D1838
30	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Copper Strip Corrosion @ 40°C for 1 hour	IS1448/Part-152
31	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Ethane	ASTM D 2163
32	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Ethane	IS1448/Part-151
33	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	FREE WATER CONTENT	IS 4576 [Note-9]
34	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Hydrogen Sulphide (H2S)	ASTM D2420
35	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Hydrogen Sulphide (H2S)	IS 4576 - Note 6
36	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	i-Butane	ASTM D 2163
37	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	i-Butane	IS1448/Part-151

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	i-Pentane	ASTM D 2163
39	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	i-Pentane	IS1448/Part-151
40	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	n-Butane	ASTM D 2163
41	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	n-Butane	IS1448/Part-151
42	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	n-Pentane	ASTM D 2163
43	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	n-Pentane	IS1448/Part-151
44	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Propane	ASTM D 2163
45	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Propane	IS1448/Part-151
46	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Propylene	ASTM D 2163
47	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	Propylene	IS1448/Part-151
48	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (LPG MIXTURE)	VAPOUR PRESSURE AT 40°C (CALCULATED)	IP 432
49	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Cis-2-Butane	ASTM D 2163
50	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Cis-2-Butane	IS1448/Part-151
51	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	i-Pentane	ASTM D 2163
52	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	n-Pentane	ASTM D 2163
53	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	n-Pentane	IS1448/Part-151
54	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	CAUSTIC TEST	IS 4576 - Note 11
55	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Copper Strip Corrosion @ 37.8°C for 1 hour	ASTM D1838
56	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Copper Strip Corrosion @ 40°C for 1 hour	IS1448/Part-152

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57	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	DENSITY @15°C (CALCULATED)	IP 432
58	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Ethane	ASTM D 2163
59	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Ethane	IS1448/Part-151
60	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	FREE WATER CONTENT	IS 4576 [Note-9]
61	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Hydrogen Sulphide (H2S)	ASTM D2420
62	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Hydrogen Sulphide (H2S)	IS 4576 - Note 6
63	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	i- Butane	ASTM D 2163
64	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	i-Butane	IS1448/Part-151
65	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	i-Pentane	IS1448/Part-151
66	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	n-Butane	ASTM D 2163
67	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	n-Butane	IS1448/Part-151
68	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Propane	ASTM D 2163
69	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Propane	IS1448/Part-151
70	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Propylene	ASTM D 2163
71	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	Propylene	IS1448/Part-151
72	CHEMICAL- PETROLEUM AND PRODUCTS	Liquefied Petroleum Gases (PROPANE)	VAPOUR PRESSURE AT 40°C (CALCULATED)	IP 432