National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL LABORATORY, ONGC PETRO ADDITIONS LTD., SEZ-1 DAHEJ (PLOT NO Z/1 & Z/83) DAHEJ INDUSTRIAL AREA, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
Permanent Facility				
1	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	1,2-Butadiene	ASTM D2593
2	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	1,3-Butadiene	ASTM D2593
3	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	BD Dimer	ASTM D2426
4	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	C:5 hydrocarbons	ASTM D2593
5	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Carbonyl as acetaldehyde	ASTM D 7423-17/IFP-0315/ASTM D4423
6	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Moisture	SOP/CELB/226/ASTM D1142
7	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Non Volatile Matter(excluding TBC)	ASTM D1025-10
8	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	others C:4s	ASTM D2593
9	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Peroxide as H2O2	ASTM D5799
10	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Propadiene	UOP 983/ASTM D2593
11	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Solvent NMP	SOP-CELB-018
12	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Sulphur	ASTM D6667
13	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	TBC inhibitor as loaded	ASTM D1157
14	CHEMICAL- PETROLEUM AND PRODUCTS	1,3-Butadiene	Total Acetylenes as(MA+VA+EA)	UOP 983/ASTM D2593
15	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acid wash colour	ASTM D848
16	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acidity	ASTM D847
17	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Appearance	ASTM D4176
18	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Bromine Index	ASTM D5776-14/ASTM D2710

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Colour	ASTM D1209
20	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Copper Corrosion	ASTM D849
21	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Density @ 15°C	ASTM D4052
22	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Distillation range @ 760mm Hg including 80.1°C: 50% Recovery	ASTM D850
23	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Distillation range @ 760mm Hg including 80.1°C: Dry Point	ASTM D850
24	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Distillation range @ 760mm Hg including 80.1°C: IBP	ASTM D850
25	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Moisture content	ASTM D6304
26	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Purity	ASTM D5713
27	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Solidification Point	ASTM D852
28	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Thiophene	ASTM D7011/ASTM D4735
29	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D5713
30	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Chloride (as CL)	ASTM D4929
31	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Nitrogen	ASTM D4629
32	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total non-aromatics	ASTM D5713
33	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Sulphur	ASTM D5453
34	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	Butane	ASTM D1945
35	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	CO2	UOP 608
36	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	COS	ASTM D6228

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37	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	H2S	ASTM D6228
38	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	Nitrogen, Mol%	ASTM D1945
39	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	O2	ASTM D2504
40	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	Pentane	ASTM D1945
41	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	Propane	ASTM D1945
42	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	TOTAL C5	ASTM D1945
43	CHEMICAL- PETROLEUM AND PRODUCTS	Butane	Total Sulphur	ASTM D6667
44	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	1,2-Butadiene	IFP-2-86/ASTM D4424
45	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	1,3-Butadiene	IFP-2-86/ASTM D4424
46	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Butanes(n+i)	IFP-2-86/ASTM D4424
47	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Butene-1	IFP-2-86/ASTM D4424
48	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	C5 and Heavier	IFP-2-86/ASTM D4424
49	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	CO	ASTM D2504
50	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	CO	UOP 603
51	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	CO2	ASTM D2505
52	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	CO2	UOP 603
53	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Ethylene	ASTM D2505
54	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Ethylene	IFP2-86
55	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	MTBE	ASTM D7423

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56	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Other Butene	IFP-2-86/ASTM D4424
57	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Total Acetylene	IFP-2-86/ASTM D4424
58	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Total Alcohol	ASTM D7423
59	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Total carbonyl (as MEK)	ASTM D7423
60	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Total carbonyl (as MEK)	IFP 0315
61	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Total Sulphur	ASTM D6667
62	CHEMICAL- PETROLEUM AND PRODUCTS	Butene-1	Water	ASTM D1142
63	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	C8 & lighter	ASTM D5143
64	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Colour	ASTM D1500
65	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Density @ 15.6°C, Kg/ m^3	ASTM D4052
66	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Distillation: FBP	ASTM D86
67	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Distillation: IBP	ASTM D86
68	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Free Water	ASTM D4176
69	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Specific Gravity @ 15.6 °C	ASTM D4052
70	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Total sulphur	ASTM D2622-16/ASTMD5453
71	CHEMICAL- PETROLEUM AND PRODUCTS	C9+ (Heavy aromatics)	Total sulphur, mg/Kg	ASTM D5453
72	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Ash,	ASTM D482
73	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Asphaltene	ASTM D6560/IP 143
74	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	BMCI	SOP-CELB-060

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75	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Density @ 15.56 °C	ASTM D1298
76	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Flash Point	ASTM D93
77	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Free water	ASTM D4176
78	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Pour point	ASTM D97
79	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Sulphur,	ASTM D2622
80	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Viscosity @ 98.9 °C	ASTM D2161
81	CHEMICAL- PETROLEUM AND PRODUCTS	Carbon Black Feedstock (CBFS)	Viscosity @ 98.9 °C	ASTM D445
82	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	Butane,	ASTM D1945
83	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	CO2	UOP 603
84	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	COS	ASTM D6228
85	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	Ethane	ASTM D1945
86	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	H2S	ASTM D6228
87	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	Methane,	ASTM D1945
88	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	Nitrogen	ASTM D1945
89	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	O2	ASTM D2504
90	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	Pentane	ASTM D1945
91	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	Propane	ASTM D1945
92	CHEMICAL- PETROLEUM AND PRODUCTS	Ethane	Total Sulphur	ASTM D6667
93	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Acetylene	ASTM D2505

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94	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	C3 & Heaviers	ASTM D2505
95	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Carbon Dioxide	UOP 603/ASTM D2505
96	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Carbon Monoxide	UOP 603/ASTM D2504
97	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Ethane	ASTM D2505
98	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Ethylene	ASTM D2505
99	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Hydrogen	ASTM D2504
100	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Methane	ASTM D2505
101	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Methyl Acetylene	ASTM D2505
102	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Nitrogen	ASTM D2504
103	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Oxygen	ASTM D2504
104	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Oxygenated Organic Compound	ASTM D7423
105	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Propadiene	ASTM D2505
106	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Total Carbonyl (MEK), Mol%	ASTM D7423
107	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Total Sulphur	ASTM D6667
108	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Water	ASTM D1142
109	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Appearance	ASTM D4176
110	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Copper Corrosion (@50°C for 2 Hrs)	ASTM D130
111	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Density @ 15°C	ASTM D4052
112	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Distillation: 50% Recovery	ASTM D86

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113	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Distillation: Dry Point	ASTM D86
114	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Distillation: IBP	ASTM D86
115	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Flash Point	ASTM D93
116	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Flash Point, °C	IP 170/ISO 13736
117	CHEMICAL- PETROLEUM AND PRODUCTS	Mixed Fuel Oil	Moisture	ASTM D6304
118	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Appearance	ASTM D4176
119	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Aromatics	ASTM D6733-20/ASTM D5134
120	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Arsenic	UOP 946
121	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Chloride	ASTM D4929
122	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Colour	ASTM D1500
123	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Colour	ASTM D156
124	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Density @15.6°C	ASTM D4052
125	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation: 50% Recovery	ASTM D86
126	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation: FBP	ASTM D86
127	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Distillation: IBP	ASTM D86
128	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	i-Paraffin	ASTM D6733-20/ASTM D5134
129	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	i-Paraffin /n-Paraffin Ratio	SOP-CELB-019
130	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Lead	SOP-CELB-057/UOP 952
131	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Mercury	SOP-CELB-059

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132	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Moisture	ASTM D6304
133	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Naphthenes	ASTM D6733-20/ASTM D5134
134	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	n-Paraffin	ASTM D6733-20/ASTM D5134
135	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Olefins	ASTM D6733-20/ASTM D5134
136	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Reid Vapour Pressure @ 37.3°C	ASTM D323
137	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Sulphur	ASTM D2622
138	CHEMICAL- PETROLEUM AND PRODUCTS	Naphtha	Sulphur	ASTM D5453
139	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Butane	ASTM D1945
140	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	CO2	UOP 603
141	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	COS	ASTM D6228
142	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Ethane	ASTM D1945
143	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	H2S	ASTM D6228
144	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Methane	ASTM D1945
145	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Nitrogen	ASTM D1945
146	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	O2	ASTM D2504
147	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Pentane	ASTM D1945
148	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Propane	ASTM D1945
149	CHEMICAL- PETROLEUM AND PRODUCTS	Propane	Total Sulphur	ASTM D6667
150	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	1 Butene	ASTM D2712

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151	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	1,3 Butadiene	ASTM D2712
152	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Acetylene	ASTM D2712
153	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Arsine	UOP 1023
154	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	C4s and Heavier	ASTM D2712
155	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Carbon Dioxide	UOP 603
156	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Carbon Monoxide,	UOP 603
157	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Carbonyl Sulphide (COS)	ASTM D5504
158	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Ethane and Lighter	ASTM D2712
159	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Ethylene	ASTM D2712
160	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	H2S	ASTM D6667
161	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Hydrogen	ASTM D2504
162	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Isobutylene	ASTM D2712
163	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Mercaptan Sulphur	ASTM D5504
164	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Methane	ASTM D2712
165	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Methyl Acetylene	ASTM D2712
166	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Nitrogen	ASTM D2504
167	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Oxygen	ASTM D2504
168	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Phosphine	UOP 1023
169	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propadiene	ASTM D2712

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170	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propane	ASTM D2712
171	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propylene	ASTM D2712
172	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Total Oxygenates	ASTM D7423
173	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Total Sulphur	ASTM D6667
174	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Water	ASTM D1142
175	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Benzene Content	ASTM D5134-21/ASTM D6733
176	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Colour	ASTM D1500
177	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Density @ 15°C	ASTM D4052
178	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Distillation: 50% Recovery, °C	ASTM D86
179	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Distillation: FBP, °C	ASTM D86
180	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Distillation: IBP	ASTM D86
181	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Ethyl Benzene	ASTM D5134-21/ASTM D6733
182	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Existing Gum	ASTM D381
183	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Free Water	ASTM D4176
184	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Reid vapour pressure	ASTM D323
185	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Sulphur	ASTM D2622
186	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Sulphur	ASTM D5453
187	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Toluene	ASTM D5134-21/ASTM D6733
188	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Total Aromatics	ASTM D5134-21/ASTM D6733

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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
189	CHEMICAL- PETROLEUM AND PRODUCTS	Pyrolysis Gasoline (Py Gas)	Xylene	ASTM D5134-21/ASTM D6733
190	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)	Density @ 23°C	ASTM D1505
191	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)	Melt Flow Index @190°C, 5.0 Kg	ASTM D1238
192	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)	Non Newtonian Index (NNI)	HZ-F122-5
193	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)	Whiteness Index (Lc)	ASTM E313
194	CHEMICAL- PLASTIC & RESINS	High Density Polyethylene (HDPE)	Whiteness Index (Lc)	HZ-F115-3
195	CHEMICAL- PLASTIC & RESINS	Linear low-density polyethylene (LLDPE)	Density @ 23°C	ASTM D1505
196	CHEMICAL- PLASTIC & RESINS	Linear low-density polyethylene (LLDPE)	Melt Flow Index @ 190°C, 2.16Kg	ASTM D1238
197	CHEMICAL- PLASTIC & RESINS	Linear low-density polyethylene (LLDPE)	Whiteness Index	ASTM E313
198	CHEMICAL- PLASTIC & RESINS	Linear low-density polyethylene (LLDPE)	Yellowness Index	ASTM E313
199	CHEMICAL- PLASTIC & RESINS	Polypropylene (PP)	Melt Flow Index @ 230°C, 2.16Kg	ASTM D1238
200	CHEMICAL- PLASTIC & RESINS	Polypropylene (PP)	Xylene Solubility	ASTM D5492
201	CHEMICAL- PLASTIC & RESINS	Polypropylene (PP)	Yellowness Index	ASTM E313
202	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Alkalinity	ASTM D1067
203	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Aluminum	APHA 3111 (23rd Edition)B
204	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Ammoniacal Nitrogen	ASTM D1426/APHA 4500-NH3 N/IS 3025 (Part 34)
205	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Arsenic	APHA 3111 (23rd Edition) B
206	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Biological Oxygen Demand	APHA (23rd Edition) 5210D
207	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Biological Oxygen Demand	IS 3025 (PART 44)

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL LABORATORY, ONGC PETRO ADDITIONS LTD., SEZ-1 DAHEJ (PLOT NO Z/1 & Z/83) DAHEJ INDUSTRIAL AREA, BHARUCH, GUJARAT, INDIA

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208	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Calcium	APHA 3111(23rd Edition) B
209	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Chemical Oxygen Demand,	APHA (23rd Edition) 5220C
210	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Chloride, mg/L	IS 3025 (Part 32); APHA 4500-Cl
211	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Conductivity @ 25 °C	ASTM D1125
212	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Copper	APHA 3111 (23rd Edition) B
213	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Free Residual Chlorine	IS 3025 (PART 32)
214	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Hydrazine	ASTM D1385
215	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Iron	APHA 3500 Fe B
216	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Lead	APHA 3111 (23rd Edition) B
217	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Manganese	APHA 3111 (23rd Edition) B
218	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Mercury	APHA 3111 (23rd Edition) B
219	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Nickel	APHA 3111 (23rd Edition) B
220	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Nitrate	APHA 4500-NO3- B
221	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Nitrite	APHA 4500-(23rd Edition) NO2-B
222	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Oil and Grease	IS 3025 (Part 39)
223	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	pH	ASTM D1293
224	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Phenol Content	IS 3025 P 43
225	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Phosphate	APHA 4500-P D (23rd Edition)
226	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Silica	ASTM D859

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227	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Sodium	APHA 3500 (23rd Edition) – Na B
228	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Sulfide	APHA 4500-S2.F
229	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Total chromium,	APHA 3111 (23rd Edition) B
230	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Total Dissolved Solids,	IS 3025 (Part 16)
231	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Total Hardness	ASTM D1126
232	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Total Suspended Solids	IS 3025 (Part 17)
233	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Turbidity	IS 3025 (Part 10)
234	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent	Zinc	APHA 3111 (23rd Edition) B