National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : VASHI QUALITY CONTROL LABORATORY, HINDUSTAN PETROLEUM CORPORATION LTD., VASHI WHITE OIL TERMINAL, D-99/500, TTC INDUSTRIAL AREA, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 1 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	ALUMINUM CONTENT	ASTM D 4951
2	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	BARIUM CONTENT	ASTM D 4951
3	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	BARIUM CONTENT	ASTM D 5185
4	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	BORON CONTENT	ASTM D 4951
5	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	BORON CONTENT	ASTM D 5185
6	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	CALCIUM CONTENT	ASTM D 5185
7	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	CALCIUM CONTENT	ASTM D4951
8	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	CHROMIUM CONTENT	ASTM D 5185
9	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	COPPER CONTENT	ASTM D 4951
10	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	COPPER CONTENT	ASTM D 5185
11	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	IRON CONTENT	ASTM D 5185
12	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	MAGNESIUM CONTENT	ASTM D 4951
13	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	MAGNESIUM CONTENT	ASTM D 4951
14	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	MANGANESE CONTENT	ASTM D 5185
15	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	MOLYBDENUM CONTENT	ASTM D 4951
16	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	MOLYBDENUM CONTENT	ASTM D 5185
17	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	NICKEL CONTENT	ASTM D 5185
18	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	PHOSPHORUS CONTENT	ASTM D 4951
19	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	PHOSPHORUS CONTENT	ASTM D 5185
20	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	POTASSIUM CONTENT	ASTM D 5185
21	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	SILICON CONTENT	ASTM D 5185
22	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	SILVER CONTENT	ASTM D 5185
23	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	SODIUM CONTENT	ASTM D 5185
24	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	SODIUM CONTENT	ASTM D 4951
25	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	SULFUR CONTENT	ASTM D 4951
26	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	SULFUR CONTENT	ASTM D 5185
27	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	TIN CONTENT	ASTM D 5185
28	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	TITANIUM CONTENT	ASTM D 5185
29	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	VANADIUM CONTENT	ASTM D 5185

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 2 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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30	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	ZINC CONTENT	ASTM D 4951
31	CHEMICAL- LUBRICANTS	LUBRICANTS, ADDITIVE, LUBE OIL, USED LUBE OIL	ZINC CONTENT	ASTM D 5185
32	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	ACID VALUE	IS 1448: PART 1, SEC 1
33	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	CALCIUM AND MAGNESIUM CONTENT	EN 14538
34	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	DENSITY AT 15 ºC	IS 1448 : PART 16
35	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	DENSITY AT 15 ºC	ISO 3675
36	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	DENSITY AT 15 ºC	ASTM D 1298
37	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	DENSITY AT 15 ºC	ASTM D 4052
38	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	DENSITY AT 15 ºC	ISO 12185
39	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	DIGLYCERIDE CONTENT	ASTM D 6584
40	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	DIGLYCERIDE CONTENT	EN 14105
41	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	ESTER CONTENT	EN 14103
42	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	FLASH POINT	IP 34
43	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	FLASH POINT	IS 1448 : PART 21
44	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	FREE GLYCEROL	ASTM D 6584
45	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	FREE GLYCEROL	EN 14105
46	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	IODINE VALUE	EN 14111
47	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	KINEMATIC VISCOSITY AT 40 ºC	ASTM D 445
48	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	KINEMATIC VISCOSITY AT 40 ºC	IS 1448 : PART 25
49	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	KINEMATIC VISCOSITY AT 40 ºC	ISO 3104

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 3 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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50	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	LINOLENIC ACID METHYL ESTER	EN 14103
51	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	METHANOL CONTENT	EN 14110
52	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	MONO GLYCERIDE CONTENT	ASTM D 6584
53	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	MONO GLYCERIDE CONTENT	EN 14105
54	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	PHOSPHORUS	ASTM D 4951
55	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	PHOSPHORUS CONTENT	EN 14107
56	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	POLYUNSATURATED METHYL ESTER	EN 15779
57	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	SODIUM AND POTASSIUM CONTENT	EN 14538
58	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	SULFATED ASH	IS 1448: PART 4. SEC 1
59	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	SULFATED ASH	ISO 6245
60	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	TOTAL GLYCEROL	ASTM D 6584
61	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	TOTAL GLYCEROL	EN 14105
62	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	TRIGLYCERIDE CONTENT	ASTM D 6584
63	CHEMICAL- PETROLEUM AND PRODUCTS	BIODIESEL	TRIGLYCERIDE CONTENT	EN 14105
64	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	ETHANOL CONTENT	IS 15464 ANNEX B/ IS 2302
65	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	MISCIBILITY WITH WATER	IS 15464 ANNEX C
66	CHEMICAL- PETROLEUM AND PRODUCTS	FO	DENSITY & API GRAVITY AT 15 º C	ASTM D 1298
67	CHEMICAL- PETROLEUM AND PRODUCTS	FO	DENSITY & API GRAVITY AT 15 º C	ASTM D 4052
68	CHEMICAL- PETROLEUM AND PRODUCTS	FO	DENSITY & API GRAVITY AT 15 º C	IS 1448: PART 16

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 4 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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69	CHEMICAL- PETROLEUM AND PRODUCTS	FO	DENSITY & API GRAVITY AT 15 º C	ISO 12185
70	CHEMICAL- PETROLEUM AND PRODUCTS	FO	DENSITY & API GRAVITY AT 15 º C	ISO 3675
71	CHEMICAL- PETROLEUM AND PRODUCTS	FO	ELEMENT CONTENT, ALUMINUM	IP 501
72	CHEMICAL- PETROLEUM AND PRODUCTS	FO	ELEMENT CONTENT, CALCIUM	IP 501
73	CHEMICAL- PETROLEUM AND PRODUCTS	FO	ELEMENT CONTENT, SODIUM	IP 501
74	CHEMICAL- PETROLEUM AND PRODUCTS	FO	ELEMENT CONTENT, SILICON	IP 501
75	CHEMICAL- PETROLEUM AND PRODUCTS	FO	ELEMENT CONTENT, VANADIUM	IP 501
76	CHEMICAL- PETROLEUM AND PRODUCTS	FO	ELEMENT CONTENT, ZINC	IP 501
77	CHEMICAL- PETROLEUM AND PRODUCTS	FO	ELEMENT CONTENT. PHOSPHORUS	IP 501
78	CHEMICAL- PETROLEUM AND PRODUCTS	FO	GROSS CALORIFIC VALUE	IS 1448 : PART 7
79	CHEMICAL- PETROLEUM AND PRODUCTS	FO	KINEMATIC VISCOSITY AT 50 ºC	ASTM D 445
80	CHEMICAL- PETROLEUM AND PRODUCTS	FO	KINEMATIC VISCOSITY AT 50 ºC	IS 1448 : PART 25
81	CHEMICAL- PETROLEUM AND PRODUCTS	FO	KINEMATIC VISCOSITY AT 50 ºC	ISO 3104
82	CHEMICAL- PETROLEUM AND PRODUCTS	FO, LDO	SULFUR	ASTM D 4294
83	CHEMICAL- PETROLEUM AND PRODUCTS	FO, LDO, HSD	SEDIMENT	IS 1448: PART 30
84	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	ASH CONTENT	IS 1448 : PART 4
85	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	CETANE INDEX	ASTM D 4737
86	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	CETANE INDEX	ISO 4264
87	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	DISTILLATION , 95 % v/v RECOVERY TEMPERATURE	ASTM D 86

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 5 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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88	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	DISTILLATION , 95 % v/v RECOVERY TEMPERATURE	IP 123
89	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	DISTILLATION , 95 % V/V RECOVERY TEMPERATURE	IS 1448 : PART 18
90	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	FAME CONTENT	ASTM D 7371
91	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	FAME CONTENT	EN 14078
92	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	LUBRICITY	ASTM D 6079
93	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	LUBRICITY	ISO 12156-1
94	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	OXIDATION STABILITY	ASTM D 2274
95	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	OXIDATION STABILITY	ISO 12205
96	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	OXYGEN CONTENT	IS 1460l :2005 ANNEX B
97	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	POLY CYCLIC AROMATIC HYDROCARBON	ASTM D 6591
98	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	POLYCYCLIC AROMATIC HYDROCARBON	EN 12916
99	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	POLYCYCLIC AROMATIC HYDROCARBON	IP 391
100	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL ACIDITY	ASTM D 664
101	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL ACIDITY	ASTM D 974
102	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL ACIDITY	IP 139
103	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL ACIDITY	IS 1448 : PART 2
104	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL CONTAMINATION	EN 12662
105	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL CONTAMINATION	IP 440
106	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	COLD FILTER PLUGGING POINT	IS 1448 : PART 110

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 6 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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107	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, , BIODIESEL	CETANE NUMBER	ASTM D 613
108	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	CETANE NUMBER	IS 1448: PART 9
109	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	CETANE NUMBER	ISO 5165
110	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	COLD FILTER PLUGGING POINT	ASTM D 6371
111	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	COLD FILTER PLUGGING POINT	EN 16329
112	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	OXIDATION STABILITY BY RANCIDITY METER	EN 14112
113	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	OXIDATION STABILITY BY RANCIDITY METER	EN 15751
114	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	WATER CONTENT BY KARL FISCHER TITRATOR	ASTM D 6304
115	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	WATER CONTENT BY KARL FISCHER TITRATOR	IP 438
116	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL	WATER CONTENT BY KARL FISCHER TITRATOR	ISO 12937
117	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL, FO, LDO	WATER CONTENT BY DEAN STARK	IS 1448: PART 40
118	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL, LDO	SULFUR	ASTM D 4294
119	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL, LDO	SULFUR	IS 1448 : PART 153
120	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL, LDO	SULFUR	ISO 13032
121	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, BIODIESEL, LDO	SULFUR	ISO 20847
122	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, FO , LDO, BIODIESEL	WATER CONTENT BY DEAN STARK	ASTM D 95
123	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, FO LDO	FLASH POINT, PMCC	ASTM D 93
124	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, FO, LDO	ASH CONTENT	ISO 6245
125	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, FO, LDO	INORGANIC ACIDITY	IS 1448 : PART 2

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 7 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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126	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, FO, LDO, BIODIESEL	WATER CONTENT BY DEAN STARK	ISO 3733
127	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, FO. LDO	ASH CONTENT	ASTM D 482
128	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	DENSITY AT 15 ºC	ISO 12185
129	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	DENSITY AT 15 ºC	IS 1448 : PART 16
130	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	DENSITY AT 15 ºC	ASTM D 1298
131	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	Density at 15 ºC	ASTM D 4052
132	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	DENSITY AT 15 ºC	ISO 3675
133	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	KINEMATIC VISCOSITY AT 40 ºC	ASTM D 445
134	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	KINEMATIC VISCOSITY AT 40 ºC	IS 1448 : PART 25
135	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO	KINEMATIC VISCOSITY AT 40 ºC	ISO 3104
136	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO, BIODIESEL	CARBON RESIDUE	ASTM D 4530
137	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO, BIODIESEL	CARBON RESIDUE	IS 1448: PART 8
138	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO, BIODIESEL	CARBON RESIDUE	ISO 10370
139	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO, FO	FLASH POINT, PMCC	IP 34
140	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO, FO	FLASH POINT, PMCC	IS 1448 : PART 21
141	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO, FO	POUR POINT	ASTM D 97
142	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, LDO, FO	POUR POINT	IS 1448: PART 10
143	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, SKO	FLASH POINT , ABEL	IS 1448 :PART 20
144	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, SKO	FLASH POINT, ABEL	IP 170

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 8 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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145	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, SKO	INORGANIC ACIDITY	ASTM D 974
146	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, SKO	INORGANIC ACIDITY	IP 139
147	CHEMICAL- PETROLEUM AND PRODUCTS	HSD, SKO, LDO, FO	INORGANIC ACIDITY	IS 1448: PART 2
148	CHEMICAL- PETROLEUM AND PRODUCTS	MG/ADF	TOTAL SULPHUR	ASTM D5453
149	CHEMICAL- PETROLEUM AND PRODUCTS	MG/ADF	TOTAL SULPHUR	ISO 20846
150	CHEMICAL- PETROLEUM AND PRODUCTS	MS	ETHANOL CONTENT	IS 2796 ANNEX C
151	CHEMICAL- PETROLEUM AND PRODUCTS	MS	AROMATIC CONTENT	ASTM D 1319
152	CHEMICAL- PETROLEUM AND PRODUCTS	MS	BENZENE CONTENT	ASTM D 3606
153	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION , EVAPORATION AT 70 º C	IS 1448 : PART 18
154	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 100 º C	IS 1448 : PART 18
155	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 100 ºC	ASTM D 86
156	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 100 ºC	IP 123
157	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 150 º C	IS 1448 : PART 18
158	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 150 ºC	ASTM D 86
159	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 150 ºC	IP 123
160	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 70 º C	IP 123
161	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, EVAPORATION AT 70 ºC	ASTM D 86
162	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, FINAL BOILING POINT	ASTM D 86
163	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, FINAL BOILING POINT	IP 123

SCOPE OF ACCREDITATION

Laboratory Name : VASHI QUALITY CONTROL LABORATORY, HINDUSTAN PETROLEUM CORPORATION LTD., VASHI WHITE OIL TERMINAL, D-99/500, TTC INDUSTRIAL AREA, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 9 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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164	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, FINAL BOILING POINT	IS:1448: PART 18
165	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, RESIDUE	ASTM D 86
166	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, RESIDUE	IP 123
167	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION, RESIDUE	IS 1448:PART 18
168	CHEMICAL- PETROLEUM AND PRODUCTS	MS	ETHANOL CONTENT	IS 2796 ANNEX E
169	CHEMICAL- PETROLEUM AND PRODUCTS	MS	EXISTENT GUM	ASTM D 381
170	CHEMICAL- PETROLEUM AND PRODUCTS	MS	LEAD CONTENT	IP 352
171	CHEMICAL- PETROLEUM AND PRODUCTS	MS	OLEFIN CONTENT	ASTM D 1319
172	CHEMICAL- PETROLEUM AND PRODUCTS	MS	OLEFIN CONTENT	IP 156
173	CHEMICAL- PETROLEUM AND PRODUCTS	MS	OLEFIN CONTENT	IS 1448 : PART 23
174	CHEMICAL- PETROLEUM AND PRODUCTS	MS	OXIDATION STABILITY	ASTM D 525
175	CHEMICAL- PETROLEUM AND PRODUCTS	MS	OXIDATION STABILITY	IP 40
176	CHEMICAL- PETROLEUM AND PRODUCTS	MS	OXIDATION STABILITY	IS 1448 : PART 28
177	CHEMICAL- PETROLEUM AND PRODUCTS	MS	REID VAPOR PRESSURE	ASTM D 323
178	CHEMICAL- PETROLEUM AND PRODUCTS	MS	REID VAPOR PRESSURE	IS 1448: PART 39
179	CHEMICAL- PETROLEUM AND PRODUCTS	MS	SULFUR	ASTM D 4294
180	CHEMICAL- PETROLEUM AND PRODUCTS	MS	SULFUR	IS 1448 : PART 153
181	CHEMICAL- PETROLEUM AND PRODUCTS	MS	SULFUR	ISO 13032
182	CHEMICAL- PETROLEUM AND PRODUCTS	MS	SULFUR	ISO 20847

SCOPE OF ACCREDITATION

Laboratory Name : VASHI QUALITY CONTROL LABORATORY, HINDUSTAN PETROLEUM CORPORATION LTD., VASHI WHITE OIL TERMINAL, D-99/500, TTC INDUSTRIAL AREA, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5246 **Page No** 10 of 11

Validity 13/01/2022 to 12/01/2024 **Last Amended on** 17/01/2022

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
183	CHEMICAL- PETROLEUM AND PRODUCTS	MS	VAPOR LOCK INDEX	TABLE 1 SL NO. XI OF IS 2796
184	CHEMICAL- PETROLEUM AND PRODUCTS	MS, ETHANOL	DENSITY & API GRAVITY AT 15 ºC	ASTM D 4052
185	CHEMICAL- PETROLEUM AND PRODUCTS	MS, ETHANOL	DENSITY & API GRAVITY AT 15 ºC	ISO 12185
186	CHEMICAL- PETROLEUM AND PRODUCTS	MS, ETHANOL	DENSITY AT 15 ºC	ASTM D 1298
187	CHEMICAL- PETROLEUM AND PRODUCTS	MS, ETHANOL	DENSITY AT 15 ºC	IS 1448 : PART-16
188	CHEMICAL- PETROLEUM AND PRODUCTS	MS, ETHANOL	DENSITY AT 15 ºC	ISO 3675
189	CHEMICAL- PETROLEUM AND PRODUCTS	MS, HSD, SKO, BIODIESEL	COLOUR	HP/WI/16;ISSUE NO.01;DATE OF ISSUE. 01:04
190	CHEMICAL- PETROLEUM AND PRODUCTS	MS, HSD, SKO, FO, LDO, BIODIESEL, ETHANOL	APPEARANCE	HP/WI/16 ;ISSUE NO.01;DATE OF ISSUE. 01:04
191	CHEMICAL- PETROLEUM AND PRODUCTS	MS, HSD, SKO, LDO, BIODIESEL	COPPER STRIP CORROSION	ISO 2106
192	CHEMICAL- PETROLEUM AND PRODUCTS	MS, HSD, SKO, LDO, BIODIESEL,	COPPER CORROSION TEST	IS 1448: PART 15
193	CHEMICAL- PETROLEUM AND PRODUCTS	MS, NAPHTHA	RESEARCH OCTANE NUMBER	ASTM D 2699
194	CHEMICAL- PETROLEUM AND PRODUCTS	MS, NAPHTHA	RESEARCH OCTANE NUMBER	IS 1448: PART 27
195	CHEMICAL- PETROLEUM AND PRODUCTS	MS, NAPHTHA	RESEARCH OCTANE NUMBER	ISO 5164
196	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO	AROMATIC CONTENT	IP 156
197	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO	AROMATIC CONTENT	IS 1448 : PART 23
198	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO	Gum content	IS 1448 : PART 29
199	CHEMICAL- PETROLEUM AND PRODUCTS	MS, SKO, LDO, BIODIESEL, HSD	COPPER STRIP CORROSION	ASTM D 130
200	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY AT 15 ºC	ASTM D 1298
201	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY AT 15 ºC	ASTM D 4052

SCOPE OF ACCREDITATION

Laboratory Name :	VASHI QUALITY CONTROL LABORATORY, HINDUSTAN PETROLEUM CORPORATION LTD., VASHI WHITE OIL TERMINAL, D-99/500, TTC INDUSTRIAL AREA, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5246	**Page No**	11 of 11
Validity	13/01/2022 to 12/01/2024	**Last Amended on**	17/01/2022

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
202	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY AT 15 ºC	IS 1448 :PART 16
203	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY AT 15 ºC	ISO 12185
204	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY AT 15 ºC	ISO 3675
205	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION , RECOVERED BELOW 200 ºC	IP 123
206	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION, FINAL BOILING POINT	ASTM D 86
207	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION, FINAL BOILING POINT	IP 123
208	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION, FINAL BOILING POINT	IS 1448 PART 18
209	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION, RECOVERED BELOW 200 º C	IS 1448 : PART 18
210	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION, RECOVERED BELOW 200 ºC	ASTM D 86
211	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SAYBOLT COLOUR	ASTM D 156
212	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SAYBOLT COLOUR	IS 1448 : PART 14
213	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SMOKE POINT	ASTM D 1322
214	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SMOKE POINT	IS 1448 :PART 31
215	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SULFUR	ASTM D 4294
216	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SULFUR	IS 1448 : PART 153