National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HINDUSTAN PETROLEUM CORPORATION LTD., INDORE QC LABORATORY, INDORE NEW IRD, INDORE, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 27/05/2022 to 26/05/2024 **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- LUBRICANTS	LUBRICANT OIL	APPEARANCE	ASTM D4176
2	CHEMICAL- LUBRICANTS	LUBRICANT OIL	COC FLASH POINT	ASTM D 92
3	CHEMICAL- LUBRICANTS	LUBRICANT OIL	COC FLASH POINT	IS 1448 P 69
4	CHEMICAL- LUBRICANTS	LUBRICANT OIL	COC FLASH POINT	ISO 2592
5	CHEMICAL- LUBRICANTS	LUBRICANT OIL	COLOUR	ASTM D4176
6	CHEMICAL- LUBRICANTS	LUBRICANT OIL	COPPER STRIP CORROSION	ASTM D 130
7	CHEMICAL- LUBRICANTS	LUBRICANT OIL	COPPER STRIP CORROSION	IS 1448 P 15
8	CHEMICAL- LUBRICANTS	LUBRICANT OIL	DENSITY @ 29.5°C	ASTM D 1298
9	CHEMICAL- LUBRICANTS	LUBRICANT OIL	DENSITY @ 29.5°C	IS 1448 P 16
10	CHEMICAL- LUBRICANTS	LUBRICANT OIL	KINEMATIC VISCOSITY @ 100 °C	IS 1448 P 25
11	CHEMICAL- LUBRICANTS	LUBRICANT OIL	KINEMATIC VISCOSITY @ 100°C	ASTM D 445
12	CHEMICAL- LUBRICANTS	LUBRICANT OIL	KINEMATIC VISCOSITY @ 40 °C	ASTM D 445
13	CHEMICAL- LUBRICANTS	LUBRICANT OIL	KINEMATIC VISCOSITY @ 40°C	IS 1448 P 25
14	CHEMICAL- LUBRICANTS	LUBRICANT OIL	PMCC FLASH POINT	ASTM D 93
15	CHEMICAL- LUBRICANTS	LUBRICANT OIL	PMCC FLASH POINT	IS 1448 P 21
16	CHEMICAL- LUBRICANTS	LUBRICANT OIL	PMCC FLASH POINT	ISO 2719
17	CHEMICAL- LUBRICANTS	LUBRICANT OIL	POUR POINT	ASTM D 97
18	CHEMICAL- LUBRICANTS	LUBRICANT OIL	POUR POINT	IS 1448 P 10
19	CHEMICAL- LUBRICANTS	LUBRICANT OIL	POUR POINT	ISO 3016
20	CHEMICAL- LUBRICANTS	LUBRICANT OIL	VISCOSITY INDEX	ASTM D 2270
21	CHEMICAL- LUBRICANTS	LUBRICANT OIL	VISCOSITY INDEX	IS 1448 P 56
22	CHEMICAL- LUBRICANTS	LUBRICANT OIL	VISCOSITY INDEX	ISO 2909
23	CHEMICAL- LUBRICANTS	LUBRICANT OIL	WATER CONTENT	ASTM D 95
24	CHEMICAL- LUBRICANTS	LUBRICANT OIL	WATER CONTENT	IS 1448 P 40
25	CHEMICAL- PETROLEUM AND PRODUCTS	FOOD GRADE HEXANE	DENSITY @ 20°C	ASTM D 1298
26	CHEMICAL- PETROLEUM AND PRODUCTS	FOOD GRADE HEXANE	DENSITY @ 20°C	IS 1448 P 16
27	CHEMICAL- PETROLEUM AND PRODUCTS	FOOD GRADE HEXANE	DISTILLATION IBP	ASTM D86

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28	CHEMICAL- PETROLEUM AND PRODUCTS	FOOD GRADE HEXANE	DISTILLATION IBP	IS 1448 P 18
29	CHEMICAL- PETROLEUM AND PRODUCTS	FOOD GRADE HEXANE	DISTILLATION, BETWEEN 64 °C-70 °C	IS 1448 P 18
30	CHEMICAL- PETROLEUM AND PRODUCTS	FOOD GRADE HEXANE	DISTILLATION, BETWEEN 64°C -70 °C	ASTM D 86
31	CHEMICAL- PETROLEUM AND PRODUCTS	FOOD GRADE HEXANE	NON-VOLATILE RESIDUE	IS 3470 ANNEX A
32	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	CALCULATED CETANE INDEX	ASTM D 4737
33	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	CALCULATED CETANE INDEX	ISO 4264
34	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	DENSITY	ASTM D 1298
35	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	DENSITY	IS 1448 P 16
36	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	DISTILLATION 95% V/V RECOVERY	ASTM D 86
37	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	DISTILLATION 95% V/V RECOVERY	IS 1448 P 18
38	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	KINEMATIC VISCOSITY @ 40 °C	ASTM D 445
39	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	KINEMATIC VISCOSITY @ 40 °C	IS 1448 P25
40	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	POUR POINT	ASTM D 97
41	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	POUR POINT	IS 1448 P 10
42	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	POUR POINT	ISO 3016
43	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL SULPHUR	ASTM D 4294
44	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL SULPHUR	ASTM D5453 - 16E1
45	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL SULPHUR	IS 1448 P 153
46	CHEMICAL- PETROLEUM AND PRODUCTS	HSD	TOTAL SULPHUR	ISO-20846

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47	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/LDO/IFO	PMCC FLASH POINT	ASTM D 93
48	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/LDO/IFO	PMCC FLASH POINT	IS 1448 P 21
49	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/LDO/IFO	PMCC FLASH POINT	ISO 2719
50	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/SKO	ABEL FLASH POINT	IP 170
51	CHEMICAL- PETROLEUM AND PRODUCTS	HSD/SKO	ABEL FLASH POINT	IS 1448 P 20
52	CHEMICAL- PETROLEUM AND PRODUCTS	IFO	KINEMATIC VISCOSITY @ 50°C	ASTM D 445
53	CHEMICAL- PETROLEUM AND PRODUCTS	IFO	KINEMATIC VISCOSITY @ 50°C	IS1448 P25
54	CHEMICAL- PETROLEUM AND PRODUCTS	IFO	RELATIVE DENSITY	ASTM D 1298
55	CHEMICAL- PETROLEUM AND PRODUCTS	IFO	RELATIVE DENSITY	IS 1448 P 16
56	CHEMICAL- PETROLEUM AND PRODUCTS	IFO	SEDIMENT BY EXTRACTION	ASTM D 473
57	CHEMICAL- PETROLEUM AND PRODUCTS	IFO	SEDIMENT BY EXTRACTION	IS 1448 P 30
58	CHEMICAL- PETROLEUM AND PRODUCTS	IFO/LDO	WATER CONTENT	ASTM D 95
59	CHEMICAL- PETROLEUM AND PRODUCTS	IFO/LDO	WATER CONTENT	IS 1448 P 40
60	CHEMICAL- PETROLEUM AND PRODUCTS	LDO	DENSITY	ASTM D 1298
61	CHEMICAL- PETROLEUM AND PRODUCTS	LDO	DENSITY	IS 1448 P 16
62	CHEMICAL- PETROLEUM AND PRODUCTS	LDO	KINEMATIC VISCOSITY @ 40°C	ASTM D 445
63	CHEMICAL- PETROLEUM AND PRODUCTS	LDO	KINEMATIC VISCOSITY @ 40°C	IS 1448 P 25
64	CHEMICAL- PETROLEUM AND PRODUCTS	LDO/IFO	TOTAL SULPHUR	ASTM D 4294
65	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DENSITY	ASTM D 1298

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66	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DENSITY	ASTM D 4052
67	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DENSITY	IS 1448 P 16
68	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION % EVAPORATED @ 100 ºC	ASTM D 86
69	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION % EVAPORATED @ 100 ºC	IS 1448 P 18
70	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION % EVAPORATED @ 150 ºC	ASTM D 86
71	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION % EVAPORATED @ 150 ºC	IS 1448 P 18
72	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION % EVAPORATED @ 70 ºC	ASTM D 86
73	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION % EVAPORATED @ 70 ºC	IS 1448 P 18
74	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION FBP	ASTM D 86
75	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION FBP	IS 1448 P 18
76	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION RESIDUE	ASTM D 86
77	CHEMICAL- PETROLEUM AND PRODUCTS	MS	DISTILLATION RESIDUE	IS 1448 P 18
78	CHEMICAL- PETROLEUM AND PRODUCTS	MS	EXISTENT GUM	ASTM D 381
79	CHEMICAL- PETROLEUM AND PRODUCTS	MS	EXISTENT GUM	IS 1448 P 29
80	CHEMICAL- PETROLEUM AND PRODUCTS	MS	EXISTENT GUM	ISO 6246
81	CHEMICAL- PETROLEUM AND PRODUCTS	MS	RESEARCH OCTANE NUMBER (RON)	ASTM D 2699
82	CHEMICAL- PETROLEUM AND PRODUCTS	MS	RESEARCH OCTANE NUMBER (RON)	IS 1448 P 27
83	CHEMICAL- PETROLEUM AND PRODUCTS	MS	RESEARCH OCTANE NUMBER (RON)	ISO 5164
84	CHEMICAL- PETROLEUM AND PRODUCTS	MS	TOTAL SULPHUR	ASTM D5453 - 16E1

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85	CHEMICAL- PETROLEUM AND PRODUCTS	MS	TOTAL SULPHUR	ISO 20847
86	CHEMICAL- PETROLEUM AND PRODUCTS	MS	TOTAL SULPHUR	ISO-20846
87	CHEMICAL- PETROLEUM AND PRODUCTS	MS/ HSD	COLOUR	ASTM D4176
88	CHEMICAL- PETROLEUM AND PRODUCTS	MS/HSD/SKO	COPPER STRIP CORROSION	ASTM D 130
89	CHEMICAL- PETROLEUM AND PRODUCTS	MS/HSD/SKO	COPPER STRIP CORROSION	IS 1448 P 15
90	CHEMICAL- PETROLEUM AND PRODUCTS	MS/HSD/SKO	COPPER STRIP CORROSION	ISO 2160
91	CHEMICAL- PETROLEUM AND PRODUCTS	MS/HSD/SKO/LDO/IFO	APPEARANCE	ASTM D4176
92	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY	ASTM D 1298
93	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DENSITY	IS 1448 P 16
94	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION FBP	ASTM D 86
95	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION FBP	IS 1448 P 18
96	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION RECOVERY @ 200 ºC	ASTM D 86
97	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	DISTILLATION RECOVERY @ 200 ºC	IS 1448 P 18
98	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SAYBOLT COLOUR	ASTM D 156
99	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SAYBOLT COLOUR	IS 1448 P 14
100	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SMOKE POINT	ASTM D3122
101	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SMOKE POINT	IS 1448 P 31
102	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	SMOKE POINT	ISO 3014
103	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	TOTAL SULPHUR	ASTM D5453 - 16E1

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104	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	TOTAL SULPHUR	ISO-20846
105	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	TOTAL SULPHUR CONTENT	ASTM D 4294