National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KORBA LABORATORY, INDIAN OIL CORPORATION LIMITED, KORBA, CHHATTISGARH, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-9563 **Page No** 1 of 4
Validity 31/05/2023 to 30/05/2025 **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	BIO DIESEL	APPEARANCE	SOP:LKB/WI-6 ISSUE NO 1
2	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	CFPP	ASTM D 6371
3	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	CFPP	IS 1448 [P:110]
4	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	COLOUR	SOP:LKB/WI-6 ISSUE NO 1
5	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	CU STRIP CORROSION	IS 1448 [P:15]
6	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	DENSITY	ASTM D 4052
7	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	DENSITY	IS 1448:P:16
8	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	KINEMATIC VISCOSITY @ 40 DEG C	ASTM D 7042
9	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	KINEMATIC VISCOSITY @ 40 DEG C	IS 1448 [P:25] SEC 2
10	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	PMCC FLASH POINT	ASTM D 93
11	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	PMCC FLASH POINT	IS 1448 [P:21]
12	CHEMICAL- PETROLEUM AND PRODUCTS	BIO DIESEL	TOTAL SULPHUR	ASTM D 5453
13	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	ACIDITY	IS15464:ANNEX D
14	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	ALDEHYDE CONTENT	IS 15464 ANNEX E
15	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	ALKALINITY	IS15464:ANNEX D
16	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	APPEARANCE	SOP:LKB/WI-6 ISSUE NO 1
17	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	ETHANOL CONTENT % VOL @ 15.6 DEG C	IS2302
18	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	MISSIBILITY WITH WATER	IS 15464: ANNEX J

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19	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	RESIDUE OF EVAPORATION	IS 15464: ANNEX C
20	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	SPECIFIC GRAVITY @ 15.6 DEG C	IS:321
21	CHEMICAL- PETROLEUM AND PRODUCTS	ETHANOL	TOTAL SULPHUR	ASTM D 5453
22	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	DENSITY	IS 1448:P16
23	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	KINEMATIC VISCOSITY @ 50 DEG C	IS 1448 P:25 SEC 2
24	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	PMCC FLASH POINT AUTO	ASTM D 93
25	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	PMCC FLASH POINT MANUAL	IS 1448 P:21
26	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	SEDIMENT BY EXTRACTION	IS 1448 P:30
27	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	TOTAL SULPHUR	ASTM D 4294
28	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	WATER CONTENT	IS 1448 P:40
29	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS (BIODIESEL BLENDS UPTO B20)	ABEL FLASH POINT AUTO	IP170
30	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS (BIODIESEL BLENDS UPTO B20)	ABEL FLASH POINT MANUAL	IS 1448 P:20
31	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS (BIODIESEL BLENDS UPTO B20)	DISTILLATION(TEMP)	IS 1448 P:18
32	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS (BIODIESEL BLENDS UPTO B20)	DISTILLATION(VOL)	ASTM D-86
33	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS (BIODIESEL BLENDS UPTO B20)	DISTILLATION(VOL)	IS 1448 P:18
34	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS (BIODIESEL BLENDS UPTO B20)	KINEMATIC VISCOSITY @ 40 DEG C MANUAL	IS 1448 P:25 SEC2
35	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	APPEARANCE	VISUAL SOP:LKB/WI-6 ISSUE NO 1 DATE 01.09.2019
36	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	CCI	ASTM D 4737
37	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	CU STRIP CORROSION	IS 1448 P:15

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38	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	DENSITY	IS 1448:P16
39	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	DENSITY(AUTO)	ASTM D 4052
40	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	DISTILLATION (TEMP)	ASTM D-86
41	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	KINEMATIC VISCOSITY @ 40 DEG C AUTO	ASTM D 7042
42	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	POUR POINT	IS 1448:P10 SEC 2
43	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL & ITS VARIANTS(BIODIESEL BLENDS UPTO B20)	TOTAL SULPHUR	ASTM D 5453
44	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	DENSITY	IS 1448:P16
45	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	KINEMATIC VISCOSITY @ 40 DEG C	IS 1448 P:25 SEC2
46	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	PMCC FLASH POINT AUTO	ASTM D 93
47	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	PMCC FLASH POINT MANUAL	IS 1448 P:21
48	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	POUR POINT	IS 1448:P10 SEC 2
49	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	TOTAL SULPHUR	ASTM D 4294
50	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL	WATER CONTENT	IS 1448 P:40
51	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	APPEARANCE	VISUAL SOP:LKB/WI-6 ISSUE NO 1 DATE 01.09.2019
52	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	COLOUR	VISUAL SOP:LKB/WI-6 ISSUE NO 1 DATE 01.09.2019
53	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	CU STRIP CORROSION	IS 1448 P:15
54	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	DENSITY	IS 1448:P16
55	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	DISTILLATION (TEMP)	ASTM D-86
56	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	DISTILLATION(TEMP)	IS 1448 P:18

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57	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	GUM CONTENT (SOLVENT WASHED)	IS 1448 P:29
58	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS (XP, EBXP, EBMS BLENDS UPTO E20)	TOTAL SULPHUR	ASTM D 5453
59	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS(XP, EBXP, EBMS BLENDS UPTO E20)	DISTILLATION(% V REC @ 70/100/150 DEG C & % RESIDUE)	ASTM D-86
60	CHEMICAL- PETROLEUM AND PRODUCTS	MOTOR GASOLINE & ITS VARIANTS(XP, EBXP, EBMS BLENDS UPTO E20)	DISTILLATION(% V REC@ 70/100/150 DEG C & % RESIDUE)	IS 1448 P:18
61	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	ABEL FLASH POINT AUTO	IP170
62	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	ABEL FLASH POINT MANUAL	IS 1448 P:20
63	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	APPEARANCE	VISUAL SOP:LKB/WI-6 ISSUE NO 1 DATE 01.09.2019
64	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	COLOUR	VISUAL SOP:LKB/WI-6 ISSUE NO 1 DATE 01.09.2019
65	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	CU STRIP CORROSION	IS 1448 P:15
66	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	DENSITY	IS 1448:P16
67	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	DISTILLATION(TEMP)	ASTM D-86
68	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	DISTILLATION(TEMP)	IS 1448 P:18
69	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	DISTILLATION(VOL)	ASTM D-86
70	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	DISTILLATION(VOL)	IS 1448 P:18
71	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	SMOKE POINT	IS 1448 P:31
72	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	TOTAL SULPHUR	ASTM D 4294
73	CHEMICAL- PETROLEUM AND PRODUCTS	SUPERIOR KEROSENE OIL	TOTAL SULPHUR	ASTM D 5453