National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HPCL BARAUNI QUALITY CONTROL LABORATORY, HINDUSTAN PETROLEUM CORPORATION LTD, BEGUSARAI, BIHAR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8729 **Page No** 1 of 3

Validity 28/12/2022 to 27/12/2024 **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	ADF	Calculated Cetane index	ASTM D4737
2	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Calculated Cetane index	ISO 4264
3	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Density at 15 deg C	ASTM D1298
4	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Density at 15 deg C	IS 1448 (Part 16)
5	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Distillation 95% V/V recovery temperature	ASTM D86
6	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Distillation 95% V/V recovery temperature	IS 1448 (Part 18)
7	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Kinematic Viscosity @ 40 ºC	ASTM D445
8	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Kinematic Viscosity @ 40 ºC	IS 1448 (Part 25/Sec 1)
9	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Pour Point	ASTM D97
10	CHEMICAL- PETROLEUM AND PRODUCTS	ADF	Pour Point	IS 1448 (Part 10/Sec 2)
11	CHEMICAL- PETROLEUM AND PRODUCTS	ADF, MG, GASOHOL	Sulphur, Total	ISO 20846
12	CHEMICAL- PETROLEUM AND PRODUCTS	ADF, MG, GASOHOL, SKO	Sulphur, Total	ASTM D5453
13	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Density at 15 deg C	ASTM D1298
14	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Density at 15 deg C	IS 1448 (Part 16)
15	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation % Evaporated at 100°C	IS 1448 (Part 18)
16	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation % Evaporated at 100°C	ASTM D86
17	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation % Evaporated at 150°C	ASTM D86
18	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation % Evaporated at 150°C	IS 1448 (Part 18)

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19	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation % Evaporated at 70°C	ASTM D86
20	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation % Evaporated at 70°C	IS 1448 (Part 18)
21	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation Final Boiling Point	ASTM D86
22	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation Final Boiling Point	IS 1448 (Part 18)
23	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation Residue	ASTM D86
24	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Distillation Residue	IS 1448 (Part 18)
25	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Gum content (Solvent Washed)	ASTM D381
26	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Gum content (Solvent Washed)	IS 1448 (Part 29)
27	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Research Octane Number	ASTM D2699
28	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL	Research Octane Number	IS 1448 (Part 27)
29	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL, SKO, ADF	Appearance	WI/01 Issue no. 01
30	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL, SKO, ADF	Color	WI/02 Issue no. 01
31	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL, SKO, ADF	Copper Corrosion test	ASTM D130
32	CHEMICAL- PETROLEUM AND PRODUCTS	MG, GASOHOL, SKO, ADF	Copper Corrosion test	IS 1448 (Part 15)
33	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Density at 15 deg C	ASTM D1298
34	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Density at 15 deg C	IS 1448 (Part 16)
35	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation % Recovered Below 200 ºC	IS 1448 (Part 18)
36	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation %Recovered Below 200ºC	ASTM D86
37	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation Final Boiling Point	ASTM D86

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38	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation Final Boiling Point	IS 1448 (Part 18)
39	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Saybolt Colour	ASTM D156
40	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Saybolt Colour	IS 1448 (Part 14)
41	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point	ASTM D1322
42	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point	IS 1448 (Part 31)
43	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Sulphur, Total	ASTM D4294
44	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Sulphur, Total	ISO 8754
45	CHEMICAL- PETROLEUM AND PRODUCTS	SKO, ADF	Flash Point Abel	IP 170
46	CHEMICAL- PETROLEUM AND PRODUCTS	SKO, ADF	Flash Point Abel	IS 1448 (Part 20)