National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HPCL PARADEEP QC LAB, PARADEEP TERMINAL P.O.-PPL TOWNSHIP, PARADIP, JAGATSINGHAPUR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9785 **Page No** 1 of 3

Validity 23/08/2021 to 22/08/2023 **Last Amended on** 20/10/2022

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- PETROLEUM AND PRODUCTS	ADF,MG,EBMG	Sulphur, Total	ASTM D5453
2	CHEMICAL- PETROLEUM AND PRODUCTS	ADF,MG,EBMG,SKO	Colour	WI No.01 Issue no. 01
3	CHEMICAL- PETROLEUM AND PRODUCTS	ADF,MG,EBMG,SKO	Appearance	ASTM D4176
4	CHEMICAL- PETROLEUM AND PRODUCTS	ADF,MG,EBMG,SKO	Copper Corrosion Test	ASTM D130
5	CHEMICAL- PETROLEUM AND PRODUCTS	ADF,MG,EBMG,SKO	Copper Corrosion Test	IS 1448:[P:15]
6	CHEMICAL- PETROLEUM AND PRODUCTS	ADF,MG,EBMG,SKO	Sulphur, Total	ISO 20846
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Calculated Cetane index	ASTM D4737
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Calculated Cetane index	ISO 4264
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Density at 15 ºC	ASTM D1298
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Density at 15 ºC	IS 1448 [P:16]
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Distilation 95% V/V recovery temperature	IS 1448:[P:18]
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Distilation 95% v/v recovery temperature	ASTM D86
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Kinematic Viscosity,@ 40 ºC	ASTM D445
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Kinematic Viscosity,@ 40 ºC	IS 1448 [P:25]
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Pour Point	ASTM D97
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuels(HSD)/BS6 HSD	Pour Point	IS 1448[P:10]
17	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation % Evaporated at 100ºC	ASTM D86
18	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation % Evaporated at 100ºC	IS 1448:[P:18]

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Certificate Number TC-9785 **Page No** 2 of 3

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19	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation % Evaporated at 150ºC	ASTM D86
20	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation % Evaporated at 150ºC	IS 1448:[P:18]
21	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation % Evaporated at 70ºC	ASTM D86
22	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation % Evaporated at 70ºC	IS 1448:[P:18]
23	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation Final Boiling Point	ASTM D86
24	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation Final Boiling Point	IS 1448:[P:18]
25	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation Residue	ASTM D86
26	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Distillation Residue	IS 1448:[P:18]
27	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Gum Content (Solvent Washed)	ASTM D381
28	CHEMICAL- PETROLEUM AND PRODUCTS	MG,EBMG	Gum Content (Solvent Washed)	IS 1448:[P:29]
29	CHEMICAL- PETROLEUM AND PRODUCTS	MG/EBMG/SKO	Density at 15 ºC	ASTM D1298
30	CHEMICAL- PETROLEUM AND PRODUCTS	MG/EBMG/SKO	Density at 15 ºC	IS 1448 [P:16]
31	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation % Recovered Below 200ºC	ASTM D86
32	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation % Recovered Below 200ºC	IS 1448:[P:18]
33	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation Final Boiling Point	ASTM D86
34	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Distillation Final Boiling Point	IS 1448:[P:18]
35	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Saybolt Colour	IS 1448:[P:14]
36	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point	ASTM D1322
37	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Smoke Point	IS 1448:[P:31]

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38	CHEMICAL- PETROLEUM AND PRODUCTS	SKO	Sulphur, Total	ASTM D4294
39	CHEMICAL- PETROLEUM AND PRODUCTS	SKO,ADF	Flash Point Abel	IP 170
40	CHEMICAL- PETROLEUM AND PRODUCTS	SKO,ADF	Flash Point Abel	IS 1448:[P:20]