National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HPCL CHENNAI QUALITY CONTROL LABS, CHENNAI TERMINAL LABORATORIES, 98/99 ELAYA MUDALI STREET WASHERMANPET, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 12/04/2022 to 11/04/2024 **Last Amended on** 14/03/2023

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
LOCATION 1-98/99 ELAYA MUDALI STREET WASHERMANPET, CHENNAI, TAMIL NADU, INDIA Permanent Facility				
1	CHEMICAL- LUBRICANTS	LUBRATING GREASES	DROP POINT , º C	IS 1448 (Part 52)/ASTM D 566
2	CHEMICAL- LUBRICANTS	LUBRICANTS	Aniline Point, º C	IS 1448 (Part 3)/ASTM D 611
3	CHEMICAL- LUBRICANTS	LUBRICANTS	Apparent Viscosity Cold - Cranking Simulator	ASTM D 5293
4	CHEMICAL- LUBRICANTS	LUBRICANTS	APPEARANCE	HP/WI/09
5	CHEMICAL- LUBRICANTS	LUBRICANTS	ASH CONTENT	IS 1448 (Part 4)/ASTM D 482
6	CHEMICAL- LUBRICANTS	LUBRICANTS	Calcium	ASTM D 6481
7	CHEMICAL- LUBRICANTS	LUBRICANTS	CU STRIP CORROSION	IS 1448 (Part 15)/ASTM D 130
8	CHEMICAL- LUBRICANTS	LUBRICANTS	DENSITY AT 29.5 DEG C & 15 DEG C	IS 1448 (Part 16)/ASTM D 1298/ASTM D 7042
9	CHEMICAL- LUBRICANTS	LUBRICANTS	Emulsion Characteristics at 54 ºC & 82 ºC	IS 1448 (Part 91)/ASTM D1401
10	CHEMICAL- LUBRICANTS	LUBRICANTS	Evaporation Loss	IS 2664
11	CHEMICAL- LUBRICANTS	LUBRICANTS	Flash Point COC	ASTM D 92/IS 1448 (Part 69)
12	CHEMICAL- LUBRICANTS	LUBRICANTS	FLASH POINT PMCC	IS 1448 (Part 21)/ASTM D 93
13	CHEMICAL- LUBRICANTS	LUBRICANTS	Foaming Tendency (Sequence I , II , III)	ASTM D 892/IS 1448 (Part 67)
14	CHEMICAL- LUBRICANTS	Lubricants	Inorganic Acidity	IS 1448 (Part 2)
15	CHEMICAL- LUBRICANTS	LUBRICANTS	KINEMATIC VISCOSITY AT 100 DEG C	IS 1448 (Part 25)/ASTM D 445/ASTM D 7042
16	CHEMICAL- LUBRICANTS	LUBRICANTS	KINEMATIC VISCOSITY AT 40 DEG C	IS 1448 (Part 25)/ASTM D 445/ASTM D 7042
17	CHEMICAL- LUBRICANTS	LUBRICANTS	POUR POINT	ASTM D 97/IS 1448 (Part 10)
18	CHEMICAL- LUBRICANTS	LUBRICANTS	Rust Test	IS 1448 (Part 96)/ASTM D 665
19	CHEMICAL- LUBRICANTS	LUBRICANTS	Saponification Value	IS 1448 (Part 55)/ASTM D 94
20	CHEMICAL- LUBRICANTS	LUBRICANTS	Specific Gravity @ 15.6 °C	ASTM D 1298/IS 1448 (Part 16)
21	CHEMICAL- LUBRICANTS	LUBRICANTS	Sulfated Ash % by mass	ASTM D 874/IS 1448 (Part 4)
22	CHEMICAL- LUBRICANTS	LUBRICANTS	Total Acidity, mg KOH/gm (TAN)	IS 1448 (Part 2)/ASTM D 974
23	CHEMICAL- LUBRICANTS	LUBRICANTS	Total Base Number (TBN) mg KOH/gm,	ASTM D 2896/IS 1448 (Part 86)
24	CHEMICAL- LUBRICANTS	LUBRICANTS	Viscosity Index	IS 1448 (Part 56)/ASTM D 2270

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25	CHEMICAL- LUBRICANTS	LUBRICANTS	Water Content	ASTM D 6304
26	CHEMICAL- LUBRICANTS	LUBRICANTS	WATER CONTENT	IS 1448 (Part 40)/ASTM D 95
27	CHEMICAL- LUBRICANTS	LUBRICANTS	Zn content (% mass)	ASTM D 6481
28	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Total sediments (potential)	ASTM D 4870
29	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Aluminum	IP 501
30	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Calcium	IP 501
31	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Kinematic Viscosity at 50°C	IS 1448 (Part 25)/ASTM D 445
32	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Phosphorous	IP 501
33	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Silicon	IP 501
34	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Sodium	IP 501
35	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Vanadium	IP 501
36	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL	Zinc	IP 501
37	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL/LOW SULPHUR HEAVY STOCK	Aluminium	ASTM D 5184
38	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL/LOW SULPHUR HEAVY STOCK	Ash Content	IS 1448 (Part 4)/ASTM D 482
39	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL/LOW SULPHUR HEAVY STOCK	Gross Calorific Value	IS 1448 (Part 7)
40	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL/LOW SULPHUR HEAVY STOCK	Sediment	IS 1448 (Part 30)/ASTM D 473
41	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL/LOW SULPHUR HEAVY STOCK	Silicon	ASTM D 5184
42	CHEMICAL- PETROLEUM AND PRODUCTS	FURNACE OIL/LOW SULPHUR HEAVY STOCK	Vanadium	ASTM D 5184
43	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH FLASH HIGH SPEED DIESEL/FURNACE OIL/LIGHT DIESEL OIL/LOW SUPLHUR HEAVY STOCK	Appearance	HP/WI/09
44	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH FLASH HIGH SPEED DIESEL/LIGHT DIESEL OIL	Cu Strip Corrosion	IS 1448 (Part 15)/ASTM D 130

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45	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH FLASH HIGH SPEED DIESEL/LIGHT DIESEL OIL	Kinematic Viscosity, at 40°C	IS 1448 (Part 25)/ASTM D 445/ASTM D 7042
46	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH FLASH HIGH SPEED DIESEL/LIGHT DIESEL OIL/FURNACE OIL/LOW SULPHUR HEAVY STOCK	Density in gm/ml at 29.5°C & 15°C	ASTM D 1298/IS 1448 (Part 16)
47	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH FLASH HIGH SPEED DIESEL/LIGHT DIESEL OIL/FURNACE OIL/LOW SULPHUR HEAVY STOCK	Flash Point PMCC	IS 1448 (Part 21)/ASTM D 93
48	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL / LIGHT DIESEL OIL / FURNACE OIL / LOW SULPHUR HEAVY STOCK	Pour Point, ºC	ASTM D 97/IS 1448 (Part 10)
49	CHEMICAL- PETROLEUM AND PRODUCTS	HIGH SPEED DIESEL/FURNACE OIL/LOW SULPHUR HEAVY STOCK	Micro carbon Residue	ASTM D 4530
50	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL / FURNACE OIL / LOW SULPHUR HEAVY STOCK	Total Sulphur	ASTM D 4294
51	CHEMICAL- PETROLEUM AND PRODUCTS	LIGHT DIESEL OIL / FURNACE OIL / LOW SULPHUR HEAVY STOCK	Water Content,	IS 1448 (Part 40)/ASTM D 95
52	CHEMICAL- PETROLEUM AND PRODUCTS	LOW SULPHUR HEAVY STOCK	Kinematic Viscosity, at 100°C	IS 1448 (Part 25)/ASTM D 445
53	CHEMICAL- PETROLEUM AND PRODUCTS	LUBRICATING GREASE	CU STRIP CORROSION TEST	IS 1448 (Part 51)/ASTM D 4048

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LOCATION 2 - CHENNAI NEW TERMINAL NCTPS MAIN ROAD ATTIPATTU PUDU NAGAR MAIN ROAD, CHENNAI, CHENNAI, TAMIL NADU, INDIA Permanent Facility				
1	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Acidity (as CH3COOH)	Annex D IS 15464
2	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Aldehyde Content (as CH3CHO)	Annex D IS 15464
3	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Alkalinity	Annex D IS 15464
4	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Appearance	HP/WI/09
5	CHEMICAL- PETROLEUM AND PRODUCTS	Anhydrous Ethanol	Miscibility with Water	Annex C IS 15464
6	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD)	Distillation % vol. recovery/evaporated	IS 1448 (Part 18)/ASTM D 86
7	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD)	Kinematic Viscosity @ 40 Deg C	IS 1448 (Part 25)/ASTM D 445
8	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel (HSD)	Sulphur, Total	ISO 20846/ASTM D 5453
9	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD)	Appearance	HP/WI/09
10	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD)	Centane Index (Calculated)	ASTM D 4737/ISO 4264
11	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD)	Colour	HP/WI/09
12	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD)	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D 130
13	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD)	Density	IS 1448 (Part 16)/ASTM D 1298
14	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD)	Flash Point (Abel)	IP 170/IS 1448 (Part 20)
15	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD)	Pour Point	IS 1448 (Part 10)/ASTM D 97
16	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel fuel(HSD)	Total Contamination	EN 12662/IP440
17	CHEMICAL- PETROLEUM AND PRODUCTS	Automotive Diesel Fuel(HSD) & Bio Diesel (B100)	Water Content by Karl Fischer Coulometer	ISO 12937
18	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Acidity, Total	IS 1448 (Part 113)

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Appearance	HP/WI/09
20	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Aromatics Content	IS 1448 (Part 23)/ASTM D 1319
21	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Colour , (Saybolt)	IS 1448 (Part 14)/ASTM D 156
22	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D130
23	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Density	IS 1448 (Part 16)/ASTM D 1298
24	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Distillation- Temperature	IS 1448 (Part 18)/ASTM D 86
25	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Distillation-Loss	IS 1448 (Part 18)/ASTM D 86
26	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Distillation-Residue	IS 1448 (Part 18)/ASTM D 86
27	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Electrical Conductivity	ISO 6297/IP 274/ASTM D 2624
28	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Existent Gum	IS 1448 (Part 29)/ASTM D 381
29	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Flash Point -Abel	IS 1448 (Part 20)/IP170
30	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Freezing Point	IS 1448 (Part 11)/ASTM D 2386
31	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Particulate Contamination (Millipore Test)	ASTM D 2276/IP 216
32	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Silver Strip Corrosion Test	IP 227/Annex B of IS 1571
33	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Smoke Point	IS 1448 (Part 31)/ASTM D 1322
34	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Specific Energy	ASTM D 3338
35	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Sulphur - Total	ISO 20846/ASTM D 5453
36	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel (ATF)	Sulphur as (Thiol) Mercaptan	IS 1448 (Part 109)/ISO 3012/ASTM D 3227
37	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation turbine Fuel (ATF)	Water Reaction- a) Interface Rating b) Separation Rating	IS 1448 (Part 42)/ASTM D 1094

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel(ATF)	Colour, Visual	HP/WI/09
39	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel(ATF)	Doctor Test	ISO 5272/IS 1448 (Part 19)
40	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel(ATF)	Kinematic Viscosity @ -20 Deg C	IS 1448 (Part 25)/ASTM D 445
41	CHEMICAL- PETROLEUM AND PRODUCTS	Aviation Turbine Fuel(ATF)	Naphthalenes	IS 1448 (Part 118)/ASTM D 1840
42	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B 100)	Acid Value	ASTM D 974
43	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B 100)	Appearance	HP/WI/09
44	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B 100)	Density	IS 1448 (Part 16)/ASTM D 1298
45	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B 100)	Flash Point (PMCC)	IS 1448 (Part 21)/ASTM D 93
46	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B 100)	Kinematic Viscosity @ 40 Deg C	IS 1448 (Part 25)/ASTM D 445
47	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B 100)	Water Content	ISO 12937/IS 1448 (Part 40)/ISO 3733
48	CHEMICAL- PETROLEUM AND PRODUCTS	Bio Diesel (B100)	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D 130
49	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Appearance	HP/WI/09
50	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Ash Content	IS 1448 (Part 4)/ASTM D 482
51	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Density	IS 1448 (Part 16)/ASTM D 1298
52	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Flash Point - PMCC	IS 1448 (Part 21)/ASTM D 93
53	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Inorganic Acidity	IS 1448 (Part 2)
54	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel oil (FO)	Kinematic Viscosity @ 50 Deg C	IS 1448 (Part 25)/ASTM D445
55	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Pour Point	ASTM D 97/IP 1448 (Part 10)
56	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Sediment	IS 1448 (Part 30)/ASTM D 473

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57	CHEMICAL- PETROLEUM AND PRODUCTS	Fuel Oil (FO)	Water Content	IS 1448 (Part 40)/ASTM D 95
58	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane, Food Grade	Appearance	HP/WI/09
59	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane, Food Grade	Density	ASTM D 1298/IS 1448 (Part 16)
60	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane, Food Grade	Distillation, IBP	IS 1448 (Part 18)/ASTM D 86
61	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane, Food Grade	Distilled between 64 to 70 Deg C	IS 1448 (Part 18)/ASTM D 86
62	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane, Food Grade	Non-Volatile Residue	Appendix A, IS 3470
63	CHEMICAL- PETROLEUM AND PRODUCTS	Hexane, Food Grade	Reaction of Non volatile Residue	Appendix A, IS 3470
64	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Distillation-Temperature	IS 1448 (Part 18)/ASTM D 86
65	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Appearance	HP/WI/09
66	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Colour, Saybolt	IS 1448 (Part 14)/ASTM D 156
67	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Colour, Visual	HP/WI/09
68	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D 130
69	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Density	ASTM D 1298/IS 1448 (Part 16)
70	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Distillation- % Volume Recovery/Evaporated	IS 1448 (Part 18)/ASTM D 86
71	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Flash Point, Abel	IS 1448 (Part 20)/IP 170
72	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Smoke Point	IS 1448 (Part 31)/ASTM D 1322
73	CHEMICAL- PETROLEUM AND PRODUCTS	Kerosene Oil (SKO)	Sulphur , Total	ASTM D 5453
74	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Acidity, Inorganic	IS 1448 (Part 2)
75	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Appearance	HP/WI/09

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76	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Ash Content	ASTM D 482/IS 1448 (Part 4)
77	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D 130
78	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Density	ASTM D 1298/IS 1448 (Part 16)
79	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Flash Point, PMCC	IS 1448 (Part 21)/ASTM D 93
80	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Kinematic Viscosity @ 40 Deg C	IS 1448 (Part 25)/ASTM D 445
81	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Pour Point	IS 1448 (Part 10)/ASTM D 97
82	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Sediment by Extraction	IS 1448 (Part 30)/ASTM D 473
83	CHEMICAL- PETROLEUM AND PRODUCTS	Light Diesel Oil (LDO)	Water Content	IS 1448 (Part 40)/ASTM D 95
84	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance	HP/WI/09
85	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Colour	HP/WI/09
86	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D 130
87	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Density	IS 1448 (Part 16)/ASTM D 1298
88	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-% by volume recovery/Evaporated	IS 1448 (Part 18)/ASTM D 86
89	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-% volume recovery/Evaporated	IS 1448 (Part 18)/ASTM D 86
90	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-% volume recovery/Evaporated	IS 1448 (Part 18)/ASTM D86
91	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-Residue	IS 1448 (Part 18)/ASTM D 86
92	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Distillation-Temperature	IS 1448 (Part 18)/ASTM D 86
93	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Ethanol Content	Annex C (Water Extraction) IS 2796 (Sixth Revision)
94	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Gum Content (Solvent washed)	IS 1448 (Part 29)/ASTM D 381

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95	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Research Octane Number	IS 1448 (Part 27)/ASTM D 2699
96	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Sulphur, Total	ASTM D 5453/ISO 20846
97	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Appearance	HP/WI/09
98	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Colour, Saybolt	ASTM D 156/IS 1448 (Part 14)
99	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D 130
100	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Density	IS 1448 (Part 16)/ASTM D 1298
101	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Distillation Temperature IBP	IS 1448 (Part 18)/ASTM D 86
102	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Distillation, Temperature FBP	IS 1448 (Part 18)/ASTM D 86
103	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Flash Point (Abel)	IS 1448 (Part 20)/IP 170
104	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 125/240 (MTO 2445)	Residue on Evaporation)	IS 1448 (Part 29)/ASTM D 381
105	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 50/120 (Solvent 1425)	Appearance	HP/WI/09
106	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 50/120 (Solvent 1425)	Colour, Saybolt	IS 1448 (Part 14)/ASTM D 156
107	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 50/120 (Solvent 1425)	Copper Strip Corrosion Test	IS 1448 (Part 15)/ASTM D 130
108	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 50/120 (Solvent 1425)	Density	IS 1448 (Part 16)/ASTM D 1298
109	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 50/120 (Solvent 1425)	Distillation-Temperature (Dry Point)	IS 1448 (Part 18)/ASTM D 86
110	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 50/120 (Solvent 1425)	Distillation-Temperature (IBP)	IS 1448 (Part 18)/ASTM D 86
111	CHEMICAL- PETROLEUM AND PRODUCTS	Solvent 50/120 (Solvent 1425)	Residue on Evaporation	IS 1448 (Part 29)/ASTM D381