# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** SANGRUR TERMINAL LABORATORY INDIAN OIL CORPORATION LIMITED, JIND ROAD, SANGRUR, PUNJAB, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-10450 **Page No** 1 of 2

**Validity** 29/03/2022 to 28/03/2024 **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 | Automotive Diesel Fuel (HSD) | Calculated Cetane Index | ASTM D4737 |
| 2 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Cu Strip Corrosion Test | IS 1448, P:15 |
| 3 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Distillation Manual 95% recovery | IS1448, P:18 |
| 4 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Distillation: Auto 95% recovery | ASTM D 86 |
| 5 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | KINEMATIC VISCOSITY @40°C | ASTM D 7042 |
| 6 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Pour Point | IS 1448, P:10 SEC 2 |
| 7 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Total Sulphur by UVFD | ASTM D 5453 |
| 8 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Appearance | IS 1460 |
| 9 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Density by Hydrometer | IS 1448, P:16 |
| 10 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Flash Point Abel | IS 1448, P:2 |
| 11 | CHEMICAL- PETROLEUM AND PRODUCTS | Automotive Diesel Fuel (HSD) | Kinematic Viscosity @ 40°C | IS 1448, P:25 |
| 12 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Appearance | IS 2796 |
| 13 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Colour | IS 2796 |
| 14 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Cu Strip Corrosion Test | IS 1448 P 15 |
| 15 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Density by Hydrometer | IS 1448, P: 16 |
| 16 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation Manual, Percent Evaporated at 70 °C | IS 1448, P:18 |
| 17 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: Auto, Final Boiling Point | ASTM D 86 |
| 18 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: Auto, Initial Boiling Point | IS1448, P:18 |

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| 19 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: Auto, Percent Evaporated at 70 °C | ASTM D 86 |
| 20 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: Auto, Percent Evaporated at 100°C | ASTM D 86 |
| 21 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: Auto, Percent Evaporated at 150 °C | ASTM D 86 |
| 22 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: Auto, Residue Percent by volume | ASTM D 86 |
| 23 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: manual, Initial Boiling Point | IS 1448, P:18 |
| 24 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: manual, Final Boiling Point | IS1448, P:18 |
| 25 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: manual, Percent Evaporated at 100°C | IS1448, P:18 |
| 26 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Distillation: manual, Percent Evaporated at 150°C | IS 1448, P:18 |
| 27 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Existent Gum | IS 1448, P:29 |
| 28 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) | Total Sulphur by UVFD | ASTM D 5453 |
| 29 | CHEMICAL- PETROLEUM AND PRODUCTS | Motor Gasoline (MS) & its variants | Distillation: manual, Residue Percent by volume | IS1448, P:18 |