



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QC LABORATORY (AROMATIC COMPLEX)- MANGALORE REFINERY AND PETROCHEMICALS LIMITED, MANGALORE SPECIAL ECONOMIC ZONE, PERMUDE VILLAGE, DAKSHIN KANNAD, MANGALORE, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11091

Validity 26/10/2024 to 25/10/2028

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Last Amended on 04/11/2024

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 Testing				
1	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Distillation	ASTM D86
2	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Olefins	ASTM D6730
3	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Reid Vapour Pressure	ASTM D323
4	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acidity	ASTM D847
5	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Benzene Purity	ASTM D7504
6	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Copper Strip Corrosion	ASTM D849
7	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Moisture content	ASTM E1064
8	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Non Aromatics	ASTM D7504
9	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Solidification Point	ASTM D852
10	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Thiophene	ASTM D7011
11	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D7504
12	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Impurities	ASTM D7504
13	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene , Paraxylene	Distillation Range @760mm (Dry Point & IBP)	ASTM D850
14	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene ,Paraxylene	Bromine Index	ASTM D5776
15	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, Para xylene	Appearance (Visual)	ASTM E2680
16	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, Para xylene	Colour Pt- Co Scale	ASTM D1209
17	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, Para xylene	Specific Gravity (15.6/15.6 °C)	ASTM D4052
18	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, Para xylene, Reformate	Total Sulphur	ASTM D5453
19	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, Reformate	Moisture/Water	QC/SOP-062



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20	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene,Para xylene	Acid Wash Colour	ASTM D848
21	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene,Reformate	Total Nitrogen	ASTM D4629
22	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Benzene	ASTM D7504
23	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Benzene	UOP720
24	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Ethyl Benzene	ASTM D7504
25	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Ethyl Benzene	UOP720
26	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Meta Xylene	ASTM D7504
27	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Meta Xylene	UOP720
28	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Non Aromatics	ASTM D7504
29	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Non Aromatics	UOP720
30	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Ortho Xylene	ASTM D7504
31	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Ortho Xylene	UOP720
32	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Purity	ASTM D7504
33	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Purity	UOP720
34	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Toluene	ASTM D7504
35	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Toluene	UOP720
36	CHEMICAL- PETROLEUM AND PRODUCTS	Para xylene	Total Impurities	ASTM D7504
37	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Aromatics	ASTM D6730
38	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Benzene	ASTM D6730
39	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Copper Strip Corrosion	ASTM D130



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40	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Density	ASTM D4052
41	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Doctor Test	ASTM D4952
42	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Vapour Pressure by DVPE Method	ASTM D5191