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, MANGALORE, DAKSHIN KANNAD, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11091 **Page No** 1 of 3

Validity 26/10/2022 to 25/10/2024 **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	Paraffinic Raffinate, Reformate	Density	ASTM D4052
2	CHEMICAL- PETROLEUM AND PRODUCTS	Paraffinic Raffinate, Reformate	Reid Vapour Pressure	ASTM D323
3	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acid Wash Colour	ASTM D848
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 / Water	QCSOP-062, Release no. 1.2; Dt. 19.08.2019
8	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Moisture Content	ASTM E1064
9	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Non Aromatics	ASTM D7504
10	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Solidification Point	ASTM D852
11	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Thiophene	ASTM D7011
12	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D7504
13	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Nitrogen	ASTM D4629
14	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, para-Xylene	Appearance (Visual)	ASTM E2680
15	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, para-Xylene	Bromine Index	ASTM D5776
16	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, para-Xylene	Colour Pt/Co Scale	ASTM D1209
17	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, para-Xylene	Distillation Range @ 760 mm (Dry Point – IBP)	ASTM D850
18	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, para-Xylene	Specific Gravity (15.6 / 15.6 °C)	ASTM D4052

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, para-Xylene, Paraffinic Raffinate, Reformate	Chloride	ASTM D4929 (Procedure B)
20	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene, para-Xylene, Paraffinic Raffinate, Reformate	Total Sulphur	ASTM D5453
21	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Benzene	ASTM D7504
22	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Benzene	UOP720
23	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Ethyl Benzene	ASTM D7504
24	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Ethyl Benzene	UOP720
25	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	meta-Xylene	ASTM D7504
26	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	meta-Xylene	UOP720
27	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Non Aromatics	ASTM D7504
28	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Non Aromatics	UOP720
29	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	ortho-Xylene	ASTM D7504
30	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	ortho-Xylene	UOP720
31	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Purity	ASTM D7504
32	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Purity	UOP720
33	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Toluene	ASTM D7504
34	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene	Toluene	UOP720
35	CHEMICAL- PETROLEUM AND PRODUCTS	para-Xylene, Benzene, Reformate, Paraffinic Raffinate	Total Sulphur	ASTM D7183
36	CHEMICAL- PETROLEUM AND PRODUCTS	Paraffinic Raffinate	Naphthene	ASTM D6730
37	CHEMICAL- PETROLEUM AND PRODUCTS	Paraffinic Raffinate	Paraffins	ASTM D6730

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38	CHEMICAL- PETROLEUM AND PRODUCTS	Paraffinic Raffinate	Saybolt Colour	ASTM D156
39	CHEMICAL- PETROLEUM AND PRODUCTS	Paraffinic Raffinate, Reformate	Aromatics	ASTM D6730
40	CHEMICAL- PETROLEUM AND PRODUCTS	Paraffinic Raffinate, Reformate	Distillation	ASTM D86
41	CHEMICAL- PETROLEUM AND PRODUCTS	Paraffinic Raffinate, Reformate	Olefins	ASTM D6730
42	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Total Nitrogen	ASTM D4629
43	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Copper Strip Corrosion	ASTM D130
44	CHEMICAL- PETROLEUM AND PRODUCTS	Reformate	Doctor Test	ASTM D4952