National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE DEPARTMENT, RELIANCE INDUSTRIES LIMITED, VADODARA MANUFACTURING DIVISION, P.O. PETROCHEMICALS, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7091 **Page No** 1 of 3

Validity 12/04/2022 to 11/04/2024 **Last Amended on** 22/04/2022

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	Benzene	Acid wash color	ASTM D848
2	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Acidity	ASTM D847
3	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Bromine Index	ASTM D2710
4	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Color Pt-CO	ASTM D1209
5	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Distillation Range : 1 to 96% volume	ASTM D850
6	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Moisture (by KFR)	ASTM E203
7	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Purity	ASTM D7360
8	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Specific Gravity at 15/15°C	ASTM 4052
9	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Toluene	ASTM D7360
10	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Non-aromatics	ASTM D7360
11	CHEMICAL- PETROLEUM AND PRODUCTS	Benzene	Total Sulphur as S	ASTM D5453
12	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol (MEG)	DEG content in MEG	ASTM E 2409
13	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol (MEG)	Acidity as Acetic Acid (CH3COOH)	ASTM D1613
14	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol (MEG)	Color Pt-CO	ASTM D1209
15	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol (MEG)	Moisture	ASTM E203
16	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol (MEG)	pH (10% Aqueous)	ASTM D1293
17	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol (MEG)	Purity of MEG	ASTM E2409
18	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol (MEG)	Specific Gravity at 20/20°C	ASTM D4052

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19	CHEMICAL- PETROLEUM AND PRODUCTS	Poly Ethylene (PE)	Melt Flow Index	ASTM D1238
20	CHEMICAL- PETROLEUM AND PRODUCTS	Poly Ethylene (PE)	Density	ASTM D792
21	CHEMICAL- PETROLEUM AND PRODUCTS	Poly Propylene copolymer (PPCP)	Melt Flow Index	ASTM D1238
22	CHEMICAL- PETROLEUM AND PRODUCTS	Poly Vinyl Chloride (PVC	Flow Time	ASTM D1895
23	CHEMICAL- PETROLEUM AND PRODUCTS	Poly Vinyl Chloride (PVC)	Heat Loss	ASTM D3030
24	CHEMICAL- PETROLEUM AND PRODUCTS	Poly Vinyl Chloride (PVC)	Inherent Viscosity	ASTM D1243
25	CHEMICAL- PETROLEUM AND PRODUCTS	Poly Vinyl Chloride (PVC)	Apparent Bulk Density	ASTM D1895
26	CHEMICAL- PETROLEUM AND PRODUCTS	Polypropylene (PP)	Melt Flow Index	ASTM D1238
27	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	Acid wash color	ASTM D848
28	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	Benzene	ASTM D5917
29	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	C8+	ASTM D5917
30	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	Color Pt-CO	ASTM D1209
31	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	Moisture	ASTM E203
32	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	Purity	ASTM D5917
33	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	Specific Gravity at 15/15°C	ASTM D4052
34	CHEMICAL- PETROLEUM AND PRODUCTS	Toluene	Total Non-aromatics	ASTM D5917
35	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Chemical Oxygen Demand	APHA – 5220 D
36	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	Fluoride	APHA 4500 F C
37	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water	pH	APHA 4500 H B

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38	CHEMICAL- RUBBER & RUBBER PRODUCTS	Polybutadiene Rubber (PBR)	Ash Content	ASTM D5667
39	CHEMICAL- RUBBER & RUBBER PRODUCTS	Polybutadiene Rubber (PBR)	Mooney viscosity	ASTM D1646
40	CHEMICAL- RUBBER & RUBBER PRODUCTS	Polybutadiene Rubber (PBR)	Volatile Matter	ASTM D5668