National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE DEPARTMENT, RELIANCE INDUSTRIES LIMITED, NAGOTHANE MANUFACTURING DIVISION, RAIGAD, NAGOTHANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7538 **Page No** 1 of 4

Validity 08/10/2022 to 07/10/2024 **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	Ethylene	Acetylene	ASTM D-6159
2	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Carbon Dioxide	ASTM D-2505-88
3	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Carbon Monoxide	ASTM D-2504-88
4	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Ethane	ASTM D-6159
5	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene	Methane	ASTM D-6159
6	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene Oxide	Acidity as CH3COOH	ASTM D-1613
7	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene Oxide	Aldehyde as CH3CHO	NMD/QAD/CCL-1642 B
8	CHEMICAL- PETROLEUM AND PRODUCTS	Ethylene Oxide	Moisture	ASTM E-203
9	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	% UV Transmittance @ 220 nm	ASTM E-2193
10	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	% UV Transmittance @ 350 nm	ASTM E-2193
11	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	% UV Transmittance in 1 cm cell @ 275 nm	IS 5295 A 7
12	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	% UV Transmittance in 1 cm cell @ 350 nm	IS 5295 A 7
13	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	% UV Transmittance in 1 cm cell @ 220 nm	IS 5295 A 7
14	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	% UV Transmittance @ 275 nm	ASTM E-2193
15	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Acidity (as acetic acid)	IS 5295 A 6
16	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Acidity as CH3COOH	ASTM D-1613
17	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Aldehyde as CH3CHO	ASTM E-2313
18	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Aldehyde as CH3CHO	IS 5295

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE DEPARTMENT, RELIANCE INDUSTRIES LIMITED, NAGOTHANE MANUFACTURING DIVISION, RAIGAD, NAGOTHANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7538 **Page No** 2 of 4

Validity 08/10/2022 to 07/10/2024 **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
19	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Chlorides content (as Cl)	IS 5295 A 10
20	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Colour	IS 5295 A 2
21	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	DEG in MEG	ASTM E-2409
22	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Diethylene glycol content	IS 5295 A 11
23	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Distillation Range :Temperature at which 95 ml of material distil	IS 5295 A 4
24	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Distillation Range : Initial boiling point	IS 5295 A 4
25	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Iron as Fe	ASTM E-394
26	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Iron content	IS 5295 A 9
27	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Moisture	ASTM-E 203
28	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Moisture Content	IS 5295 A 5
29	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Purity	IS 5295
30	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Purity of MEG	ASTM E 2409
31	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Relative Density @20/20 deg.cen.	IS 5295 A 3
32	CHEMICAL- PETROLEUM AND PRODUCTS	Mono Ethylene Glycol	Specific Gravity	ASTM D-4052
33	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Butadiene	ASTM D-2712
34	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Butienes (Cis)	ASTM D-2712
35	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Carbon Dioxide	ASTM D-2505-88
36	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Carbon Monoxide	ASTM D-2504-88

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSURANCE DEPARTMENT, RELIANCE INDUSTRIES LIMITED, NAGOTHANE MANUFACTURING DIVISION, RAIGAD, NAGOTHANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7538 **Page No** 3 of 4

Validity 08/10/2022 to 07/10/2024 **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
37	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Ethane+Ethylene	ASTM D-2712
38	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Methyl Acetylene	ASTM D-2712
39	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propadine	ASTM D-2712
40	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Propane	ASTM D-2712
41	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Saturated Heavier iC4	ASTM D-2712
42	CHEMICAL- PETROLEUM AND PRODUCTS	Propylene	Saturated Heavier nC4	ASTM D-2712
43	CHEMICAL- PLASTIC & RESINS	Polyethylene	Density	ASTM D-1505
44	CHEMICAL- PLASTIC & RESINS	Polyethylene	Melt flow Index	ASTM D-1238-B
45	CHEMICAL- PLASTIC & RESINS	Polypropylene	Melt Flow Index	ASTM D-1238-B
46	CHEMICAL- PLASTIC & RESINS	Polypropylene	Xylene Soluble	ASTM D-5492
47	CHEMICAL- PLASTIC & RESINS	Polypropylene	Yelloness Index	ASTM D 6290
48	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	TDS	APHA 23rd Edn.2540-C
49	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	BOD at 27°C for 3 Days	IS 3025-Part 44
50	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	Chloride	APHA 23rd Edn.4500- Cl- B
51	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	COD	APHA 23rd Edn.5220-D
52	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	Oil & Grease	IS 3025 -39
53	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	pH	APHA 23rd Edn.4500-H+B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	Sulphate	APHA 23rd Edn.4500-SO4- E
55	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	Sulphide	APHA 23rd Edn.4500–S-F

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY ASSURANCE DEPARTMENT, RELIANCE INDUSTRIES LIMITED, NAGOTHANE MANUFACTURING DIVISION, RAIGAD, NAGOTHANE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7538	**Page No**	4 of 4
Validity	08/10/2022 to 07/10/2024	**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
56	CHEMICAL- POLLUTION & ENVIRONMENT	Treated Effluent Water	TSS	APHA 23rd Edn.2540-D