



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

PTP Name :

MAXUS ENGINEERING SERVICES (PT DIVISION), 203, 2ND FLOOR, BUILDING B1,
ANTOP HILL, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17043: 2010

Certificate Number

PC-1056

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Validity

13/09/2021 to 12/09/2023

Last Amended on

25/01/2023

S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
1	TESTING-CHEMICAL	Simultaneous Scheme/ Admixture	Ash Content
2	TESTING-CHEMICAL	Simultaneous Scheme/ Admixture	Chloride
3	TESTING-CHEMICAL	Simultaneous Scheme/ Admixture	Dry Material Content
4	TESTING-CHEMICAL	Simultaneous Scheme/ Admixture	pH
5	TESTING-CHEMICAL	Simultaneous Scheme/ Admixture	Relative Density
6	TESTING-CHEMICAL	Simultaneous Scheme/ Admixture	Sulphate as SO ₃
7	TESTING-CHEMICAL	Simultaneous Scheme/ Coarse Aggregate/Fine Aggregate/ Crushed Sand/Natural sand/Manufactured sand	Alkali Aggregate Reactivity - Dissolved Silica
8	TESTING-CHEMICAL	Simultaneous Scheme/ Coarse Aggregate/Fine Aggregate/ Crushed Sand/Natural sand/Manufactured sand	Alkali Aggregate Reactivity - Reduction in Alkalinity
9	TESTING-CHEMICAL	Simultaneous Scheme/ Coarse Aggregate/Fine Aggregate/ Crushed Sand/Natural sand/Manufactured sand	Chloride
10	TESTING-CHEMICAL	Simultaneous Scheme/ Coarse Aggregate/Fine Aggregate/ Crushed Sand/Natural sand/Manufactured sand	pH
11	TESTING-CHEMICAL	Simultaneous Scheme/ Coarse Aggregate/Fine Aggregate/ Crushed Sand/Natural sand/Manufactured sand	Sulphate as SO ₃
12	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	Acidity
13	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	Alkalinity



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14	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	Chloride
15	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	Inorganic Solid
16	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	Organic Solid
17	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	pH
18	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	Sulphate as (SO ₃)
19	TESTING-CHEMICAL	Simultaneous Scheme/ Construction Water	Suspended matter
20	TESTING-CHEMICAL	Simultaneous Scheme/ Constuction Water	TDS
21	TESTING-CHEMICAL	Simultaneous Scheme/ Fly Ash	Alumina
22	TESTING-CHEMICAL	Simultaneous Scheme/ Fly Ash	Chloride
23	TESTING-CHEMICAL	Simultaneous Scheme/ Fly Ash	Iron Oxide
24	TESTING-CHEMICAL	Simultaneous Scheme/ Fly Ash	Loss on Ignition
25	TESTING-CHEMICAL	Simultaneous Scheme/ Fly Ash	Magnesia
26	TESTING-CHEMICAL	Simultaneous Scheme/ Fly Ash	Silica
27	TESTING-CHEMICAL	Simultaneous Scheme/ Fly Ash	Sulphuric Anhydride
28	TESTING-CHEMICAL	Simultaneous Scheme/ Gypsum & Gypsum Plaster	Lime
29	TESTING-CHEMICAL	Simultaneous Scheme/ Gypsum & Gypsum Plaster	Magnesia
30	TESTING-CHEMICAL	Simultaneous Scheme/ Gypsum & Gypsum Plaster	Sulphuric Anhydride
31	TESTING-CHEMICAL	Simultaneous Scheme/ Hardened Concrete / Mortar	A cid Soluble / Water Soluble Sulphate as SO ₃



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32	TESTING-CHEMICAL	Simultaneous Scheme/ Hardened Concrete / Mortar	Acid Soluble / Water Soluble Sulphate as SO ₃
33	TESTING-CHEMICAL	Simultaneous Scheme/ Hardened Concrete / Mortar	Chloride
34	TESTING-CHEMICAL	Simultaneous Scheme/ Hardened Concrete / Mortar	pH
35	TESTING-CHEMICAL	Simultaneous Scheme/ Hardened Concrete /Mortar	Chloride
36	TESTING-CHEMICAL	Simultaneous Scheme/ Iron alloy steel &Carbon steel	Carbon
37	TESTING-CHEMICAL	Simultaneous Scheme/ Iron alloy steel &Carbon steel	Manganese
38	TESTING-CHEMICAL	Simultaneous Scheme/ Iron alloy steel &Carbon steel	Phosphorous
39	TESTING-CHEMICAL	Simultaneous Scheme/ Iron alloy steel &Carbon steel	Silicon
40	TESTING-CHEMICAL	Simultaneous Scheme/ Iron alloy steel &Carbon steel	Sulphur
41	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Alumina
42	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Chloride
43	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Insoluble Residue
44	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Iron Oxide
45	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	K ₂ O
46	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Lime
47	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Loss on Ignition
48	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Magnesia
49	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Na ₂ O
50	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Silica



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51	TESTING-CHEMICAL	Simultaneous Scheme/ OPC/PPC/PSC	Sulphuric Anhydride
52	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Compressive strength
53	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Density
54	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Final setting time
55	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Fineness by dry sieving
56	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Initial setting time
57	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Normal Consistency
58	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Soundness By Lechatelier
59	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Bulk Density (Loose & Rodded)
60	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Crushing Value
61	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Elongation Index
62	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Flakiness Index
63	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Impact Value
64	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Size & Grading
65	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Specific Gravity
66	TESTING-MECHANICAL	Simultaneous Scheme/ Coarse Aggregate	Water Absorption
67	TESTING-MECHANICAL	Simultaneous Scheme/ Concrete	Compressive Strength
68	TESTING-MECHANICAL	Simultaneous Scheme/ Concrete	Water Permeability test
69	TESTING-MECHANICAL	Simultaneous Scheme/ Concrete Beam	Flexural Strength



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70	TESTING-MECHANICAL	Simultaneous Scheme/ Ferrous & Non Ferrous Alloy	0.2 Percent (Proof Stress/Yield Strength)
71	TESTING-MECHANICAL	Simultaneous Scheme/ Ferrous & Non Ferrous Alloy	Percentage Elongation
72	TESTING-MECHANICAL	Simultaneous Scheme/ Ferrous & Non Ferrous Alloy	Ultimate Tensile Strength
73	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregate	Bulk Density (Loose & Rodded)
74	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregate	Finer than 75 micron
75	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregate	Sieve Analysis
76	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregate	Specific Gravity
77	TESTING-MECHANICAL	Simultaneous Scheme/ Fine Aggregate	Water Absorption
78	TESTING-MECHANICAL	Simultaneous Scheme/ Fly ash	Compressive Strength at 7 Days
79	TESTING-MECHANICAL	Simultaneous Scheme/ Fly ash	Density
80	TESTING-MECHANICAL	Simultaneous Scheme/ Fly ash	Particle retained on 45 Micron (wet sieving)
81	TESTING-MECHANICAL	Simultaneous Scheme/ Metals	Weight per meter length
82	TESTING-MECHANICAL	Simultaneous Scheme/ Micro silica	Compressive Strength at 7 Days
83	TESTING-MECHANICAL	Simultaneous Scheme/ Micro silica	Particle retained on 45 microns (wet Sieving)
84	TESTING-MECHANICAL	Simultaneous Scheme/ -Micro silica	Density
85	TESTING-NON- DESTRUCTIVE	Simultaneous Scheme/ Reinforced Concrete structure	Cover depth
86	TESTING-NON- DESTRUCTIVE	Simultaneous Scheme/ Reinforced Concrete structure	Rebound Hammer



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87	TESTING-NON- DESTRUCTIVE	Simultaneous Scheme/ Reinforced Concrete structure	Ultra Pulse Velocity test

