National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CONSTRUCTION DEVELOPMENT & INNOVATION CENTRE (CDIC), NUVOCO VISTAS CORPORATION LIMITED, UNIT NO 13, PLOT NO 42, MAROL CO OPERATIVE INDUSTRIAL ESTATE, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7607 **Page No** 1 of 3

Validity 26/10/2022 to 25/10/2024 **Last Amended on** 31/10/2022

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	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC - 43/53 ,PPC,PSC GRADE, #GGBS	Initial Setting Time	IS:4031 (P 5)-1988, RA
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Cellular Concrete Block	Block Density Test	IS 6441 (Part-01) :1972 (RA
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Cellular Concrete Block	Compressive Strength	IS 6441 (Part-05) : 1989 (RA
4	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Cellular Concrete Block	Dimension	IS 2185 (Part-03) :1989 (RA
5	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Aerated Cellular Concrete Block	Drying Shrinkage test	IS 6441 (Part-02) :2005 (RA
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Compressive Strength	IS 3495 (Part 1) : 1992 RA
7	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Dimension	IS 1077 : 1992 RA
8	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Efflorescence	IS 3495 (Part 3) : 1992 RA
9	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Brick	Water absorption	IS 3495 (Part 2) : 1992, RA
10	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC - 43/53 ,PPC,PSC GRADE, #GGBS	Compressive Strength	IS:4031 (P 6)-1988, RA
11	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC - 43/53 ,PPC,PSC GRADE, #GGBS	Density	IS: 4031 (P 11)-1988,RA
12	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC - 43/53 ,PPC,PSC GRADE, #GGBS	Final Setting Time	IS:4031 (P 5)-1988, RA
13	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC - 43/53 ,PPC,PSC GRADE, #GGBS	Fineness by Blaine’s Method	IS: 4031 (P 2)-1996, RA
14	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC - 43/53 ,PPC,PSC GRADE, #GGBS	Soundness by Le- Chatelier method	IS:4031 (P 3)-1988, RA
15	MECHANICAL- BUILDINGS MATERIALS	CEMENT OPC - 43/53 ,PPC,PSC GRADE, #GGBS	Consistency	IS:4031 (P 4)-1988, RA
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS:2386 (P-4)-1963, RA
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS:2386 (P-1)-1963, RA
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS:2386 (P-4)-1963, RA

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Dry Loose Bulk Density	IS:2386 (P-3)-1963, RA
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness index	IS:2386 (P-3)-1963, RA
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angeles Abrasion Value	IS:2386 (P-4)-1963, RA
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Rodded Bulk Density	IS:2386 (P-3)-1963, RA
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis (80 mm to 2.36 mm)	IS:2386 (P-1)-1963, RA
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS:2386 (P-3)-1963, RA
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS:2386 (P-3)-1963, RA
26	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS:516-1959, RA
27	MECHANICAL- BUILDINGS MATERIALS	Concrete	Drying Shrinkage	ASTM C 152
28	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural Strength	IS 516 : 1959 RA
29	MECHANICAL- BUILDINGS MATERIALS	Concrete	Modulus of elasticity	ASTM C 469
30	MECHANICAL- BUILDINGS MATERIALS	Concrete	RCPT	ASTM C 1202
31	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water absorption	BS 1881 (Part-122) :
32	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water permeability test	EN 12390 (Part-08)
33	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Deleterious Material Finer than75 micron	IS:2386 (P-2)-1963, RA
34	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Dry Loose Bulk Density	IS:2386 (P-3)-1963, RA
35	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Roded Bulk Density	IS:2386 (P-3)-1963, RA
36	MECHANICAL- BUILDINGS MATERIALS	FINE AGGREGATE	Sieve Analysis (10 mm to 75 µ)	IS:2386 (P-1)-1963, RA
37	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS:2386 (P-3)-1963, RA

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38	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water absorption	IS:2386 (P-3)-1963, RA
39	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS:1727-1967, RA
40	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Final Setting time	IS:1727-1967, RA
41	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness Specific Surface-Blaines Air Permeability	IS:1727-1967, RA
42	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Initial setting time	IS:1727-1967, RA
43	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime Reactivity	IS 1727 : 1963, RA
44	MECHANICAL- BUILDINGS MATERIALS	Fly ash	Residue on 45 micron	IS 1727
45	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Le- Chatelier method	IS:1727-1967, RA
46	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Specific Gravity	IS:1727-1967, RA
47	MECHANICAL- BUILDINGS MATERIALS	GGBS	Slag Reactivity Index	IS 4031 Part - 6
48	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Block	Moisture Movement Test	IS 2185(Part-01) :2005 (RA
49	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Block	Block Density Test	IS 2185(Part-01) :2005 RA
50	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Block	Compressive Strength	IS 2185(Part-01) :2005, RA
51	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Block	Dimension	IS 2185(Part-01) :2005, RA
52	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Block	Drying Shrinkage test	IS 2185(Part-01) :2005, RA
53	MECHANICAL- BUILDINGS MATERIALS	Hollow & Solid Block	Water Absorption	IS 2185(Part-01) :2005, RA
54	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength Test	IS 15658 : 2006, RA
55	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption Test	IS 15658 : 2006, RA