



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**INTERLABORATORY SERVICES, NATIONAL COUNCIL  
FOR CEMENT AND BUILDING MATERIALS**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17043: 2010**

**"Conformity Assessment - General Requirements for Proficiency  
Testing"**

for its facilities at

34 KM STONE, DELHI-MATHURA ROAD, BALLABGARH, FARIDABAD, HARYANA, INDIA

in the field of

**PROFICIENCY TESTING PROVIDER**

Certificate Number: PC-1007

Issue Date: 10/05/2022

Valid Until:

09/05/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this PT Provider, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : National Council for Cement and Building Materials

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**PTP Name :** INTERLABORATORY SERVICES, NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS, 34 KM STONE, DELHI-MATHURA ROAD, BALLABGARH, FARIDABAD, HARYANA, INDIA

**Accreditation Standard** ISO/IEC 17043: 2010

**Certificate Number** PC-1007 **Page No** 1 of 4

**Validity** 10/05/2022 to 09/05/2024 **Last Amended on** 21/05/2022

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	Sequential Scheme/ Limestone	Fe2O3
2	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Al2O3
3	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	CaO
4	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Chloride
5	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Fe2O3
6	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Insoluble residue
7	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	K2O
8	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Loss on Ignition
9	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	MgO
10	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	Na2O
11	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	SiO2
12	TESTING-CHEMICAL	Simultaneous Scheme/ Cement	SO3
13	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	Al2O3
14	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	CaO
15	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	Chloride
16	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	Fe2O3
17	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	Insoluble residue
18	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	K2O
19	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	Loss on ignition
20	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	MgO
21	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	Na2O
22	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	SiO2
23	TESTING-CHEMICAL	Simultaneous Scheme/ Clinker	SO3
24	TESTING-CHEMICAL	Simultaneous Scheme/ Coal/Coke/ Pet coke	Ash



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<b>Accreditation Standard</b>	ISO/IEC 17043: 2010	<b>Page No</b>	2 of 4
<b>Certificate Number</b>	PC-1007	<b>Last Amended on</b>	21/05/2022
<b>Validity</b>	10/05/2022 to 09/05/2024		

S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
25	TESTING-CHEMICAL	Simultaneous Scheme/ Coal/Coke/ Pet coke	Calorific Value
26	TESTING-CHEMICAL	Simultaneous Scheme/ Coal/Coke/ Pet coke	Sulphur
27	TESTING-CHEMICAL	Simultaneous Scheme/ Coal/Coke/ Pet coke	Volatile Matter
28	TESTING-CHEMICAL	Simultaneous Scheme/ Concrete admixture	Ash content
29	TESTING-CHEMICAL	Simultaneous Scheme/ Concrete admixture	Chloride
30	TESTING-CHEMICAL	Simultaneous Scheme/ Concrete admixture	Dry material content
31	TESTING-CHEMICAL	Simultaneous Scheme/ Concrete admixture	pH
32	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	Al <sub>2</sub> O <sub>3</sub>
33	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	CaO
34	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	Fe <sub>2</sub> O <sub>3</sub>
35	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	K <sub>2</sub> O
36	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	Loss on Ignition
37	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	MgO
38	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	Na <sub>2</sub> O
39	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	SiO <sub>2</sub>
40	TESTING-CHEMICAL	Simultaneous Scheme/ Fly ash	SO <sub>3</sub>
41	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	Al <sub>2</sub> O <sub>3</sub>
42	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	CaO
43	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	Free Silica
44	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	K <sub>2</sub> O
45	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	Loss on Ignition





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<b>Accreditation Standard</b>	ISO/IEC 17043: 2010	<b>Page No</b>	3 of 4
<b>Certificate Number</b>	PC-1007	<b>Last Amended on</b>	21/05/2022
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S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
46	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	MgO
47	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	Na <sub>2</sub> O
48	TESTING-CHEMICAL	Simultaneous Scheme/ Limestone	SiO <sub>2</sub>
49	TESTING-CHEMICAL	Simultaneous Scheme/ Water for concrete	Acidity/Alkalinity
50	TESTING-CHEMICAL	Simultaneous Scheme/ Water for concrete	Chlorides (as Cl)
51	TESTING-CHEMICAL	Simultaneous Scheme/ Water for concrete	Inorganic (fixed) filterable residue
52	TESTING-CHEMICAL	Simultaneous Scheme/ Water for concrete	Organic (volatile) filterable residue
53	TESTING-CHEMICAL	Simultaneous Scheme/ Water for concrete	pH
54	TESTING-CHEMICAL	Simultaneous Scheme/ Water for concrete	Sulphates (as SO <sub>3</sub> )
55	TESTING-CHEMICAL	Simultaneous Scheme/ Water for concrete	Suspended (non-filterable) matter
56	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	10% Fines value
57	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Abrasion value
58	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Apparent specific gravity
59	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Bulk density
60	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Crushing value
61	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Elongation index
62	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Flakiness index
63	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Impact value
64	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Sieve analysis
65	TESTING-MECHANICAL	Simultaneous Scheme/ Aggregate	Water absorption



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**Page No**

4 of 4

**Validity** 10/05/2022 to 09/05/2024

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21/05/2022

S.No	Discipline/ Sub-discipline	Proficiency Testing Scheme/ Type of PT Item/ Matrix	Measurand/ Characteristic/ Type of measurand/ Type of characteristic/ Analyte/ Parameter
66	TESTING-MECHANICAL	Simultaneous Scheme/ Burnt clay building brick	Compressive strength
67	TESTING-MECHANICAL	Simultaneous Scheme/ Burnt clay building brick	Water absorption
68	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Compressive strength
69	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Normal Consistency
70	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Residue on 90 µm sieve
71	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Setting time
72	TESTING-MECHANICAL	Simultaneous Scheme/ Cement	Specific surface (Blaine fineness)
73	TESTING-MECHANICAL	Simultaneous Scheme/ Fly ash	Blaine fineness
74	TESTING-MECHANICAL	Simultaneous Scheme/ Fly ash	Compressive strength
75	TESTING-MECHANICAL	Simultaneous Scheme/ Fly ash	Lime reactivity
76	TESTING-MECHANICAL	Simultaneous Scheme/ Fly ash	Retention on 45 µm sieve
77	TESTING-MECHANICAL	Simultaneous Scheme/ Mortar/concrete	Compressive strength
78	TESTING-MECHANICAL	Simultaneous Scheme/ Steel bar	Elongation
79	TESTING-MECHANICAL	Simultaneous Scheme/ Steel bar	Mass per meter run
80	TESTING-MECHANICAL	Simultaneous Scheme/ Steel bar	Tensile strength
81	TESTING-MECHANICAL	Simultaneous Scheme/ Steel bar	Yield stress or 0.2% proof stress
82	TESTING-MECHANICAL	Simultaneous Scheme/ Tile (ceramic)	Modules of Rupture
83	TESTING-MECHANICAL	Simultaneous Scheme/ Tile (ceramic)	Water absorption