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|  | **NABL 159** |
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|  | **National Accreditation Board for Testing and Calibration Laboratories (NABL)** |

Application form for Recognition of Temporary Site Laboratories Testing Aggregates and Concrete in Building Projects

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| **ISSUE NO. : 01**  **ISSUE DATE : 29-Jan-2024** | **AMENDMENT NO.: --**  **AMENDMENT DATE : --** |

**AMENDMENT SHEET**

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| **S. No.** | **Amendment No.** | **Page No.** | **Clause No.** | **Date of Amendment** | **Amendment** | **Reasons** | **Signature QA Team** | **Signature of Competent Authority** |
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**Application form for Recognition of Temporary Site Laboratories Testing of Aggregates and Concrete in Building Projects**

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| --- | --- | --- | --- | --- |
|  | First Recognition |  | Re-recognition (Lab Id:\_\_\_\_) |  |

1. Name of the laboratory: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Contact details of the laboratory
   1. Complete address at which the lab is functioning\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Contact No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Email id: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Name of parent organisation (if applicable) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Project Size: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Project Duration: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Project Reference (please attach the tenders/ contract document):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Legal entity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Type of Legal Entity** | **Document(s) to be submitted** |
| One Person Company | Certificate of Incorporation |
| Limited Liability Partnership | Registration certificate under The Limited Liability Partnership Act, 2008 |
| Company | Registration certificate under The Companies Act, 1956 or 2013 |
| Societies/ Trust | Registration certificate under Societies Registration Act, 1860/ Registration under The Indian Trusts Act, 1882 |
| Government | Gazette or Government Notification or self-Declaration on Letter head by Head of the organization |

1. Details of technical staff of the laboratory:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Function** | **Name of the staff** | **Qualification** | **Experience** | **Mobile No.** | **Email id** |
| Head of the lab |  |  |  |  |  |
| Technical manager / Test Engineer |  |  |  |  |  |

1. **Scope of Recognition:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **a)** | **Materials/ Product** | **Test Parameter** | **Test Method** | **Range of Testing** | **Measurement Uncertainty**  **(±) at Value** |
| Fine Aggregates | Sieve Analysis | IS 2386 (Part-I) |  |  |
| Bulk Density | IS 2386 (Part-III) |  |  |
| Specific Gravity | IS 2386 (Part-III) |  |  |
| Water Absorption | IS 2386 (Part-III) |  |  |
| Material Finer Than 75 microns | IS 2386 (Part-I) |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **b)** | **Materials/ Product** | **Test Parameter** | **Test Method** | **Range of Testing** | **Measurement Uncertainty**  **(±) at Value** |
| Coarse Aggregates | Sieve Analysis | IS 2386 (Part-I) |  |  |
| Bulk Density | IS 2386 (Part-III) |  |  |
| Flakiness index | IS 2386 (Part-I) |  |  |
| Elongation Index | IS 2386 (Part-I) |  |  |
| Impact Value | IS 2386 (Part-IV) |  |  |
| Crushing Value | IS 2386 (Part-IV) |  |  |
| Specific Gravity | IS 2386 (Part-III) |  |  |
| Water absorption | IS 2386 (Part-III) |  |  |
| Material Finer Than 75 microns | IS 2386 (Part-I) |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **c)** | **Materials/ Product** | **Test Parameter** | **Test Method** | **Range of Testing** | **Measurement Uncertainty**  **(±) at Value** |
| Hardened Concrete | Compressive Strength | IS 516 (Part-1/Sec-1) |  |  |
| Fresh Concrete | Workability by Slump | IS 1199 (Part-2) |  |  |

1. **Equipment:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No** | **Name of the equipment** | **Serial No. / Model No.** | **Date of calibration**  **(as applicable)** | **Due date of calibration (as applicable)** | **Calibrated by (Details of Measurement Traceability to SI Units, as applicable)** |
| 1 | Compressive Testing Machine  (with pace rate control) |  |  |  |  |
| 2 | Weigh Balance 6 kg  (Least Count-0.1 g) |  |  |  |  |
| 3 | Buoyancy Balance 15 kg (Least Count-0.1 g) |  |  |  |  |
| 4 | Impact test machine |  |  |  |  |
| 5 | Crushing Value Mould |  |  |  |  |
| 6 | Flakiness gauge |  |  |  |  |
| 7 | Elongation gauge |  |  |  |  |
| 8 | Sieve Shaker  (300 mm & 200 mm diameter) |  |  |  |  |
| 9 | G.I Sieves  (300 mm diameter) – 63 mm, 40 mm, 32 mm, 25mm, 20mm, 12.5mm,10mm,4.75mm |  |  |  |  |
| 10 | Brass sieves  (200 mm diameter) – 10mm, 4.75mm, 2.36mm, 1.18mm, 0.600mm, 0.300mm, 0.150mm, 75 micron |  |  |  |  |
| 11 | Cube moulds  (150 X 150 X 150) in mm |  |  |  |  |
| 12 | Slump Cone Apparatus |  |  |  |  |
| 13 | Vibrating Table |  |  |  |  |
| 14 | Temperature-controlled curing tank |  |  |  |  |
| 15 | Hot air Oven |  |  |  |  |
| 16 | Pycnometer bottles |  |  |  |  |

*Note: The Laboratory may add equipment/ edit the details (if necessary)*

1. **Details of Proficiency Testing:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Product** | **Test Parameter** | **Test method** | **Date of Testing** | **Performance (Satisfactory or Not satisfactory/ Z score)** | **Name of the Proficiency Testing provider** | **Corrective action in case of outlier performance** |
|  |  |  |  |  |  |  |  |

1. **Application Fees** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Note: For detailed Fee structure please refer to Annexure A*.

1. **Terms and Conditions for Recognition**

The applicant and recognized laboratories under the scheme shall be required to fulfill the following terms & conditions:

* 1. The laboratory shall meet the requirements of regulators (local/ regional/ state/ national regulations).
  2. The laboratory shall offer cooperation to NABL or its representative in undergoing assessments and on the following whenever NABL considers it necessary:

a) Access to all laboratory areas of operations.

b) Undertaking any assessment to verify the capability of the laboratory for the applied scope.

c) Witnessing the activities being performed relevant to this scheme.

d) Assessing the competence of the staff during assessment.

e) Access to all relevant information, documentation, and records.

f) Access to all records pertaining to relevant personnel.

g) Providing names of all personnel(s) who are responsible for authenticity for review, evaluation & release of results as applicable.

h) Investigating any complaints against the laboratory.

* 1. The laboratory shall pay the stipulated fee to NABL.
  2. If performance in two successive PT samples (for the same parameter) is not satisfactory, the laboratory shall be de-recognized for that particular parameter(s).
  3. The laboratory shall not be involved in any kind of activity(ies) which may bring NABL to disrepute.
  4. The recognized laboratories can relinquish recognition through a written notice to NABL by clearing any outstanding payment and surrendering the certificates along with the scope.
  5. The laboratory shall respond promptly to the changes initiated by NABL in its criteria. The lab shall inform NABL when such alterations under the agreed time frame have been completed.
  6. NABL absolves itself of any legal or financial liability arising out of activities of any of the labs covered under this scheme involving any accidental or consequential damages to personnel/equipment/products at any time.
  7. The Laboratory shall inform NABL within 15 days of significant changes affecting the lab’s activities and operations relevant to recognition, such as:

a) change in the physical location of the laboratory.

b) change in name of the laboratory.

c) resources (equipment & personnel)

* 1. The laboratory shall offer cooperation to the NABL assessment team in carrying out unannounced visit as a part of continuous monitoring activity by NABL for its recognized laboratories.
  2. Any violation of the above terms and conditions shall result in denial of recognition in the case of applicant laboratories or derecognition in the case of recognized laboratories.
  3. All disputes, arising out of NABL decisions that remain unresolved through the mechanism provided by NABL are subject to the exclusive jurisdiction of the Courts at New Delhi and none other.
  4. The recognized organization agrees and shall indemnify NABL fully against all losses, damages and expenses suffered by NABL including but not limited to legal costs on a full indemnity basis and all claims by any third parties against NABL, arising directly or indirectly from the recognition of the recognized organization, assessment activities carried out on the recognized organization by NABL, its representatives, employees and/or experts/assessors or NABL’s exercise or performance of its rights, powers, duties or obligations under these Terms and Conditions

1. **Declaration by the Laboratory**

##### We declare that

* 1. We are familiar & comply with the Terms & Conditions for NABL recognition of Temporary site laboratories testing of aggregates and concrete in building projects
  2. We agree to comply with the specific criteria for recognition of Temporary site laboratories testing aggregates and concrete in building projects
  3. We agree to comply with NABL procedures, pay all costs for assessment, supplementary visit (if any), surveillance and reassessment irrespective of the result.
  4. We agree to co-operate with the assessment team appointed by NABL for examination of all relevant documents/records by them and their visits to those parts of the laboratory and site that are part of the scope of recognition.
  5. We comply with all national, regional and local regulatory requirements for operating a laboratory.
  6. All information provided in this application are true.

Name of head of the laboratory: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of head of the laboratory: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Annexure A**

|  |  |  |
| --- | --- | --- |
| Application Fee (non-refundable, to be paid along with the application) | ₹ 11,000 | |
|  |  | |
| Annual Recognition  Fee (per year from the date of recognition)  Note: Annual Recognition fee is payable in advance and is non-refundable and non-adjustable. | ₹ 24,000 | |
|  |  | |
| Overhead Charges | ₹ 11,000 | |
|  |  | |
| Assessment Charges (payable after the completion of the assessment visit to the lab) | Comprising of  - Travel, Boarding, Lodging  - Honorarium for NABL Assessors  - Overhead Charges | |
| Travel, Boarding and Lodging expenditure | The lab will make the travel arrangements for assessors as per the following entitlements. Any travel or boarding and lodging beyond the following entitlement shall be agreed upon in advance by the lab under the intimation to NABL. The laboratory shall not make any cash transactions/money transfers in any mode etc. with the assessor. Also, lab shall ensure the safety and security of the assessor visiting their premises for conducting assessments.  **Travel**  If the journey is more than 300 km, travel to be made by Air in economy class (Apex fare).  If the journey is up to 300 km, travel may be made by train in 2nd AC Class / AC Chair Class or by AC Bus.  If the outstation journey is made by own car, the reimbursement will be restricted to 2nd AC class fare by train.  Travel within the city by taxi will be reimbursed on the production of receipts/bills. In the absence of taxi bills or travel by own car within the city, claim will be reimbursed @ ₹ 15 per km.  Any other relevant expenses during the travel will be reimbursed only on the production of receipts/bills.  **Boarding and Lodging**  A single occupancy AC accommodation to be provided for each Assessor in a reasonably good hotel/guest house and arrangement for local transportation from temporary residence to the lab site and airport/railway station/bus stand to be made.  The lab shall pay for meals of the Assessor/ Observer during the stay, within reasonable limitations.  **Note**: *The travel, boarding & lodging for Observer/ NABL Officials joining assessment as Observer, shall be borne by NABL*. | |
|  |  |  |
| Honorarium for NABL Assessors | - by Lead Assessor | ₹ 5,500 per day |
| - by Technical Assessor/ Expert | ₹ 5,000 per day |

## **National Accreditation Board for Testing and Calibration Laboratories (NABL)**

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