



# Association of Indian Laboratories

## Updates Aoil HQs Gurugram

### **25.12.2020 National Lab Meet- Dec 2020**

#### **On Proposed Block Chain Portal Implementation by NABL**

A national lab meeting was called by the President AOIL for open discussion among laboratories on relevance and resistance for the proposed Block Chain Portal implementation by NABL.

The outcome opinion from the participating labs across the country was against the Block Chain Portal. The discussion brought out the fact that the uploading of test reports on portal is violation of confidentiality clause of ISO/IEC 17025:2017 and it would add financial burden on the labs in terms of manpower, internet data, additional time requirements for scanning, uploading, monitoring and maintaining records of uploads on the Block Chain Portal website.

It has been unanimously decided in the lab meet that at labs will oppose the implementation in totality and AOIL shall write a letter to NABL to hold the implementation of Block Chain Portal programme and come out with a white paper on it.

### **10.12.2020 to 05.01.2021**

#### **AOIL Virtual Training on ISO/IEC 17025:2017 and Testing & Calibration Methods.**

Mr. Rajesh Deswal, President, Mr. Lalit Paneri, Vice President (Testing) & Mr. Gaurav Tewari, Joint- Secretary took initiatives as per the directions from the last GC, and launched virtual training programme through video conference from AOIL HQs at Gurugram. Approx. 60 participants have registered for the ISO/IEC 17025:2017 four days (16.12.2020 to 19.12.2020) training programme. Other trainings also have encouraging response.

### **28.11.2020. National Lab Meet- Nov. 2020**

#### **On Policy Documents NABL 133, NABL 163 & NABL 164.**

Recently NABL has implemented two policy documents NABL 133 (13.12.2019) & NABL 163 (29.10.2020) and a Guideline Document (06.02.2020). Laboratories across the country have shown resistance for implementation of these documents for the manner the policy has been framed, creating confusion and ambiguity in implementation. The NABL 163 for the PT is not workable in the current status of accredited PTs available in the country. Also the opinion and suggestions from the labs have not been sought affectively by the NABL officials over the period since 2018.

It was discussed at length among members and office bearers of the AOIL and a decision was arrived to oppose these documents as per the mandate of AOIL on such common issues concerning accreditation of Indian labs.

### **07.11.2020. 33<sup>rd</sup> AOIL GC Meeting.**

The 33<sup>rd</sup> AOIL GC meeting was conducted through video conference as per the approved agenda.



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## AOIL- International Participation

Mr. R.B. Singh, General Secretary, AOIL, Chief Emeritus Advisor, ANULAB and Lalit Kumar Paneri, Vice President (Testing) AOIL, Managing Director Rahul Engineering Lab, have participated in the international meetings through video conference, including ILAC, APAC & UILI. ILAC-LC Chair Mr. Jeff Gust has selected Mr. R.B. Singh, General Secretary, AOIL as Secretary ILAC-LC for the year 2020-22.

### **17<sup>th</sup> Dec, 2020 ILAC-LC Laboratory, Committee Meeting :**

Update on ILAC AIC Meeting on 27<sup>th</sup> Oct, 2020 was noted. Issues on implementation of ISO/IEC 17025: 2017 in times of COVID-19. LC and white paper on Accreditation Harmonization were discussed.

**10<sup>th</sup> Dec, 2020 APAC-GA General Assembly :** From the Agenda point No. 2, the last GA meeting minutes were proposed by Mr. Singh as UILI President Authorised Representative to APAC which were confirmed by the Chair.

**10<sup>th</sup> Dec, 2020 UILI Working Group Meeting :** For the review of cost of transportation of PT samples from JEMCA and UILI and inclusion of more tests in UILI- JEMCA ILP. AOIL has proposed to UILI WG for inclusion of samples from building and construction materials like polymer, plastics and bitumen products.

**26<sup>th</sup> Nov, 2020 UILI Governing Board Meeting :** Mr. R B Singh has been nominated for ILC working Group of UILI. A list of Indian labs would be sent by AOIL to UILI as prospective ILC participants, also AOIL would prepare a list of tests for which AOIL desires international ILC from UILI programme.

### **22<sup>nd</sup> Oct, 2020 ILAC General Assembly, 27<sup>th</sup> Oct, 2020 ILC AIC Meeting & 28<sup>th</sup> Oct, 2020 ILA IC Meeting:**

These three ILAC committee meetings were attended by the AOIL representatives. The active participation was noted by the AIC Chair Mr. Eric. General Secretary AOIL, Mr. R. B. Singh communicated with working groups VIM & WG3. through emails.



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## Training Programmes by AOIL HQs; Gurugram

### Day-1

10:00 –10:30Hrs	Introduction to course
10.30-13.00 Hrs	<b>4.0 General requirements</b> <b>4.1 Impartiality</b> <b>4.2 Confidentiality</b> <b>Structural requirements:</b> <b>5.1 Legal Identity</b> <b>5.2 Management Identification.</b> <b>5.3 Defining of range of activities</b> <b>5.4 Meeting customer as well as regulatory requirements.</b> <b>5.5 Organization structure ,responsibilities and requirements of necessary procedures.</b> <b>5.6. Management of quality related activities.</b> <b>5.7 Importance of meeting statutory and customer requirements . And maintenance of integrity of management systems.</b>
<b>13:00-14.30 Hrs</b>	<b>Lunch</b>
14.30-17:30Hrs	<b>6.0 Resource Requirements</b> <b>6.1 General factors relevant to resources.</b> <b>6.2 Personnel</b> <b>6.2.1 Impartiality and competence of personnel</b> <b>6.2.2 Competence requirements documentation.</b> <b>6.2.3 Significance of evaluations</b> <b>6.2.4 Communication of job descriptions to individuals..</b> <b>6.2.5 Training Procedure and retention of relevant records .</b> <b>6.2.6 Authorization of specific jobs to personnel.</b> <b>6.3 Facilities and environmental conditions.</b> <b>6.3.1 Adequacy of suitable facilities and environmental conditions.</b> <b>6.3.2 Documentation of requirements related to facility and environmental conditions.</b> <b>6.3.4 Monitoring , controlling , and recording of environmental conditions.</b> <b>6.3.5 Measures required to ensure quality of results are not affected.</b> <b>6.3.6 Application of facilities and environmental conditions at a facility outside of laboratory's permanent control.</b> <b>6.4 Equipment.</b> <b>6.4.1 Detailing of equipment as well as access to equipment.</b> <b>6.4.2 Requirement of equipment used outside laboratory's permanent control.</b> <b>6.4.3 Procedure for handling of equipment.</b> <b>6.4.4 Verification of equipment to conform to specified requirements.</b> <b>6.4.5 Requirement of equipment meeting accuracy / measurement uncertainty.</b> <b>6.4.6 Equipment calibration on account of affect on accuracy/measurement uncertainty , and maintaining metrological traceability.</b> <b>6.4.7 Establish a calibration program.</b> <b>6.4.8 Calibration status labelling .</b> <b>6.4.9 Actions requirement incase of equipment giving questionable results.</b> <b>6.4.10 Intermediate checks of equipment.</b> <b>6.4.11 Up-dation of reference values and correction factors .</b> <b>6.4.12 Measures to prevent unintended adjustments of equipment.</b> <b>6.4.13 Retention of records pertaining to history of equipment , which can influence laboratory activities.</b> <b>6.5 Metrological traceability</b> <b>6.6 Externally provided products and services.</b>



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## Training Programmes by AOIL HQs; Gurugram

### Day-2

10:00- 10.30	Last Days Review and any queries.
10.30-11.00 Hrs.	Exercise 1 ( Related to clause 4,5, and 6)
11:00-13:00hrs	<b>7.0 Process Requirements.</b> 7.1 Review of requests, tenders , and contracts. 7.2 Selection, verification and validation of test methods. 7.3 Sampling. 7.4 Handling of test items. 7.5 Technical records.
13:00-14:30hrs	Lunch
14:30-17:30hrs	7 .6 Measurement uncertainty 7.7 Ensuring the validity of test results . 7.8 Reporting of results 7.9 Complaints 7.10 Nonconforming Work. 7.11Control of data and information management  <b>8.0 Management requirements.</b> 8.1 Options 8.2 Management system documentation. 8.3 Control of management system documentation. 8.4 Control of records. 8.5Actions to address risks and opportunities. 8.6 Improvements. 8.7 Corrective actions 8.8 Internal audits/ 8.9 Management reviews.

### Day-3

10:00-10:30hrs	Last Days Review and any queries
10.30-11:00hrs	Exercise 2 ( Related to Clause 7,and 8)
11.00-13.00 Hrs	Internal Audit Reporting & documenting audit findings, Dealing with the Outcome of Audits
13.00-14:30 Hrs	Lunch
14:30-17:30hrs	Policy on use of symbol on test reports Discussion on necessary procedures /Formats etc Explanation of basic concept pertaining to Measurement uncertainty and Decision Rule Discussion about preparation of Quality Manual.

### Day-4

10:00-11:00hrs	Exercise 3 ( Non conformity clause identification , and categorization of Major/ Minor NC)
11:00-11:45hrs	Discussion on Adequacy Audit, accreditation process and road map to accreditation.
11.45-13.00 Hrs.	Final Exam
14:30-15:00hrs	Feed back and vote of thanks.

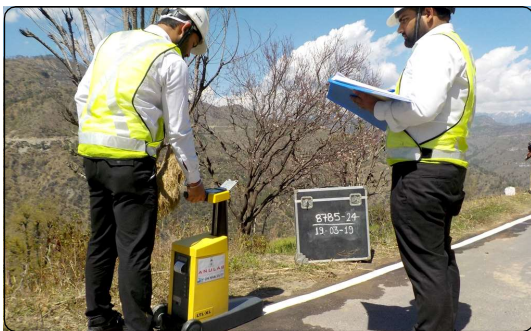


# Association of Indian Laboratories

## AOIL GC Members Profile- ANULAB

**ANULAB** is founder member of Association of Indian Laboratories, AOIL. The management of ANULAB is committed to proliferation of professional lab services in the country and development of core competence in heavy structural engineering testing & investigation for the infrastructure including highways, railways, airports, bridges, tunnels & power transmission lines.

Since 2015, the lab has participated in IAF-ILAC meeting and represented AOIL in ILAC-LC and currently holding the position of Sectary ILAC-LC for 2020-21. Mr. R.B. Singh, Chief coordinator has been appointed as UILI President representative in APAC and he is currently Secretary General of AOIL. He represents AOIL in BIS NMC of ISO-REMCO.



**ANULAB** has pioneered many test services as independent lab during the period since its establishment in 1990. The 30 years span has following credits among Indian labs.

1. Cerchar Abrasiveness Index Test- CAI for TBMs.
2. Petrographic Examination of Rocks & Stones.
3. SARA Analysis of Binder Bitumens & Asphalts.
4. Test on Thermoplastic Road Marking Materials.

5. Retroreflection Test on Highway Signage.
6. Complex Modulus on Modified Bituminous.
7. Large Shear Box test on RE Wall Materials.
8. Elastomeric & Pot-PTFE Bridge Bearing Test.
9. Geosynthetics-Geogrid & Geotextiles Tests.
10. Antirodent Properties of DWC HDPE/PP Ducts.
11. Pre-stressing Components Test- fib Bulletin 7.
12. Resilient Modulus on Pavements Materials.



**ANULAB** is situated in Agra at 212 km milestone of NH-2 (AH-1) on Agra-Kanpur Road. The lab has 15,000 square feet covered and 10,000 square feet open area for the testing & evaluation activities. The building design is based on green building principles and energy supply is augmented by 20 kW roof top solar plant. The working hours are 9 am to 6 pm and Sunday is weekly off day.