



CENTRE FOR SCIENCE AND ENVIRONMENT

# Laboratory Accreditation/Empanelment for CEMS

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[www.cseindia.org](http://www.cseindia.org)



# Accreditation System

Head organization

ILAC/IAF

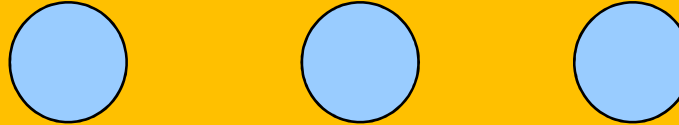
Coordination

Regional cooperation bodies/groups

EA, APLAC, IAAC, AFRAC, SADCA, ARAC, PAC

Assessment & accreditation of lab accreditation bodies

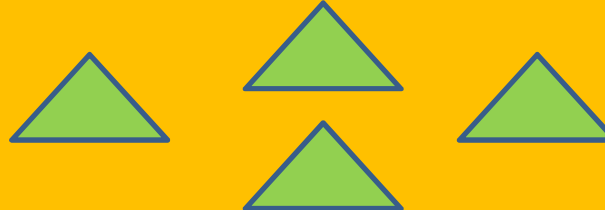
Country level lab accrediting bodies such as NABL, UKAS etc.



Supervision

Assessment & accreditation of labs

Accredited laboratories



# Laboratory Accreditation in UK

**Application by Laboratory**



**Pre- assessment visit (optional)**



**Quotation and pre-assessment report**



**Initial Assessment visit**



**Assessment report and recommendation**



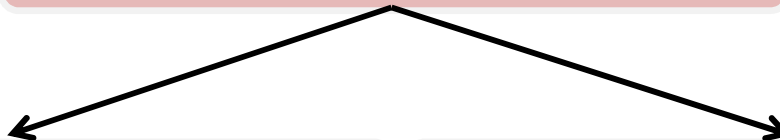
**Lab meets recommendations  
(within 12 weeks)**



**Assessment manager recommends UKAS  
for accreditation**



**Certificates for Accreditation Granted**



**Surveillance visit  
(first in 6 months, later on yearly basis)**

**Full assessment  
(Every fourth year)**

# Lab Accreditation in USA

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There are multiple laboratory accreditation bodies recognized by different regional cooperation bodies like IAAC, APLAC etc. under ILAC.

- American Association for Laboratory Accreditation (A2LA),
- ANSI-ASQ National Accreditation Board (ANAB),
- National Voluntary Laboratory Accreditation Program (NVLAP),
- AIHA's Laboratory Accreditation Programs, LLC,
- American Society of Crime Laboratory Directors / Laboratory Accreditation Board (ASCLD/LAB) etc.

Others recognized by APLAC like..

- Perry Johnson Laboratory Accreditation, Inc. (PJLA),
- Laboratory Accreditation Bureau (L-A-B)



# ANSI-ASQ Lab Accreditation for ISO/IEC 17025, USA

**Quotation**



**Application**



**Optional  
Introductory  
visit**



**Document  
review**



**Optional  
practice  
assessment**



**Optional  
planning  
visit**



**Accreditation  
assessment**



**Corrective  
action,  
Follow-up  
visit**



**Accreditation  
Decision**

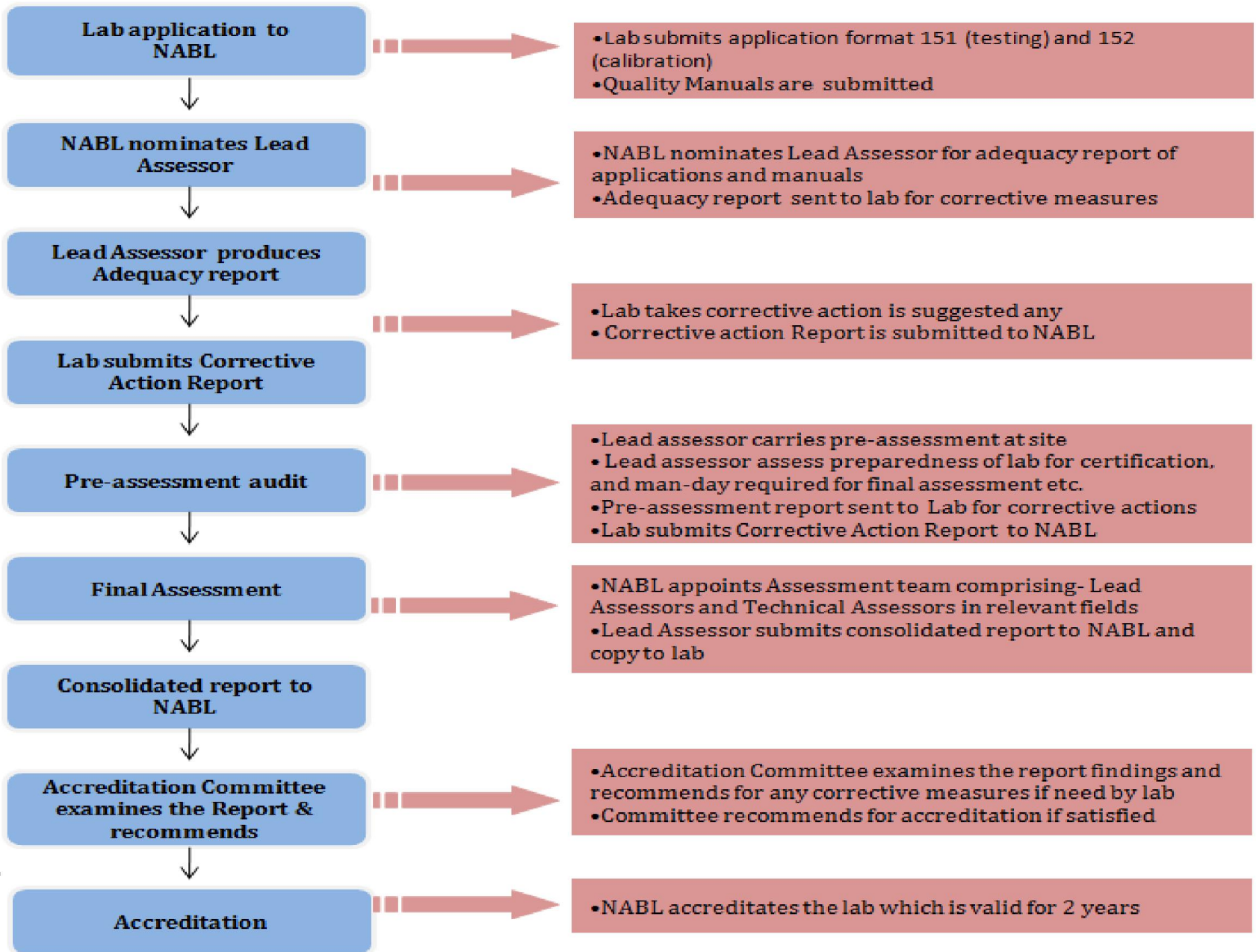


**Surveillance &  
Reassessment**

The laboratory accreditation process in USA is more or less same that of UKAS with minute changes.



# Laboratory Accreditation in India (By NABL)



# Recommendations

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**Systems available in India?**

.....**Requirements**.....



**Suitable organizations/options?**

**Constitutional set-up?**

**Infrastructure?**

**Guidelines?**

**Standard operating procedure ?**

**Skills?**

**Strategy?**

**Others....?**

