



# NABLACCREDITATION

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# **INTRODUCTION**

#### <u>NABL – National Accreditation Board for Testing and</u> <u>Calibration Laboratories</u>

•Accreditation – the action or process of officially recognising an organisation or person as having a particular status or being qualified to perform a particular activity.

•<u>NABL Accreditation</u> – provides the accreditation to Conformity Assessment Bodies (Laboratories).

•<u>NABL Schemes</u> – include accreditation of technical competence of testing, calibration, medical testing laboratories, proficiency testing laboratories and reference material providers.

#### • NABL is a constituent board of Quality Council of India

•NABL assesses laboratories in India for quality and consistency in their results.

## **IMPORTANCE OF NABL ACCREDITATION**

•The concept of Laboratory Accreditation developed to provide a means of third – party certification of the competence of laboratories to perform specific types of testing and calibration.

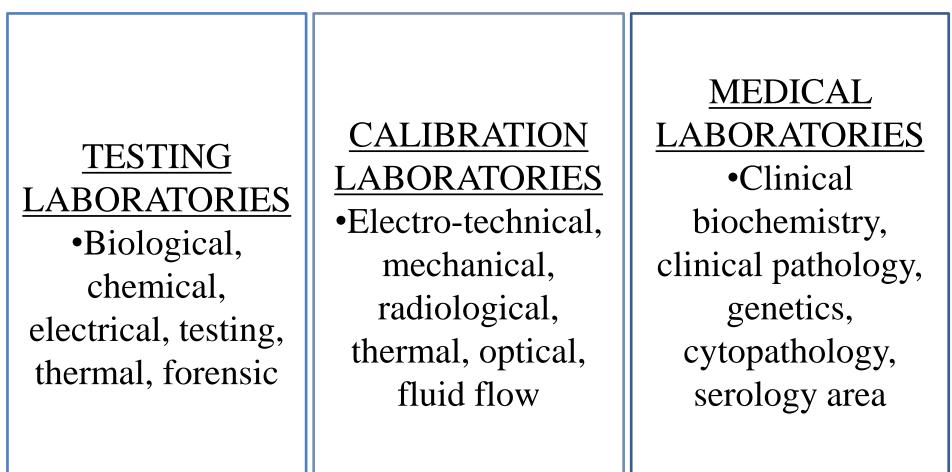
•Provides formal recognition of competent laboratories, thus providing a ready means for customers to find reliable testing and calibration services in order to meet their demands.

•Enhances customer confidence in accepting testing calibration reports issued by accredited laboratories.

### **BENEFITS OF NABL ACCREDITATION**

- •Potential increase in business due to enhanced customer confidence and satisfaction
- •Savings in terms of time and money due to reduction or elimination of the need for re-testing
- •Better control of laboratory operations and feedback to laboratories as to whether they have sound quality assurance system and are technically competent.
- •Increase of confidence of testing/calibration data and personal performing work.
- •Customers can search and identify the laboratories accredited by NABL for the specific requirements from the directory of accredited laboratories.
- •Users of accredited laboratories will enjoy greater access for their products in both domestic and international markets.

## NABL ACCREDITATION AREAS



#### **APPROACHES TO OBTAIN ACCREDITATION** 10 approaches for Accreditation

- 1. Awareness training should be given to the management and all the personnel involved.
- 2. Quality policy & Objectives should be established
- 3. Gap Analysis analysis of all the departments in the company and the relationship between each departments
- 4. Documentation / process design
- 5. Documentation / process implementation
- 6. Internal audit by the company itself.
- 7. Management review meeting
- 8. Shadow audit external audit
- 9. Corrective preventive actions
- 10. Final certification audit

# NABL ACCREDITATION PROCESS

- 1. Application for accreditation
- 2. Acknowledgement & scrutiny of application by NABL secretariat
- 3. Adequacy of quality manual
- 4. Pre-assessment of laboratory by lead assessor
- 5. Final assessment of laboratory by assessment team
- 6. Scrutiny of assessment report by NABL secretariat
- 7. Recommendation for accreditation by accreditation committee
- 8. Approval for accreditation by chairman of NABL
- 9. Issue of NABL Certificate by NABL secretariat.

**During steps 2 - 6 feedback to laboratory is given and they are recommended to do the necessary corrective action.**