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|  | **NABL 221** |
|  | **National Accreditation Board for Testing** **and Calibration Laboratories (NABL)** |

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| **BIODATA OF ASSESSORS** |

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| **ISSUE NO.: 04****ISSUE DATE: 22-Jan-2020** | **AMENDMENT NO.: 02****AMENDMENT DATE: 02-Mar-2022** |

**AMENDMENT SHEET**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **S. No.** | **Page No.** | **Clause No.** | **Date of Amendment** | **Amendment**  | **Reasons** | **Signature QA Team** | **Signature Competent Authority** |
| 1 | 4 | - | 21.09.2021 | Software & IT System Testing included in the Annexure A. | NABL has launched this accreditation program and accordingly experts are to be empanelled.  | -Sd- | -Sd- |
| 2 | 4 | Annexure A | 02.03.2022 | Annexure A updated with current groups and sub-groups.  | Group/ subgroup aligned as per latest documents. | -Sd- | -Sd- |
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#### **BIODATA OF ASSESSOR**

Affix recent passport size photograph

**For NABL Use Only**

Assessor ID:

1. Name :
2. Date of Birth / Age :
3. Name of the current employer & position held :
4. Complete address
	1. Office :

 *(with telephone /Mobile / e-mail / fax no.)*

* 1. Residence :

 *(with telephone /Mobile / e-mail / fax no.)*

*Kindly state the address for correspondence : Office / Residence*

1. Are you proprietor of a CAB : (Yes/ No)
2. Are you consultant/ advisor to a CAB : (Yes/ No)

*(Consultancy: Participation in of the activities*

 *of a CAB subject to accreditation)*

1. Qualifications

*(Starting from the highest Degree)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No. | Degree | Specialization | College / University | Year of passing |
|  |  |  |  |  |
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1. Detail of Professional Trainings :

*(Once empaneled by NABL, assessor shall update the training details on assessor portal)*

|  |  |  |  |
| --- | --- | --- | --- |
| S. No. | Program | Conducted by | Duration |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Work Experience

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S. No. | Employer detail | Period (with dates) | Position held | Major responsibilities | Experience related to Accreditation of CAB |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

1. Details of previous NABL assessments :

(as an NABL expert)

1. Field of Expertise : Testing / Calibration / Medical

 PTP / RMP

1. Mark your expertise in the groups of above field : *Please refer annexure ‘A’*

I certify that the above information is current and true to the best of my knowledge and belief.

I further undertake to immediately inform NABL of any change in the above status within one month of such change taking place.

(Signature)

Date

## *Referee*

*Countersigned by Head / the immediate superior officer or NABL Lead Assessor certifying to the accuracy of the information provided.*

*Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Designation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Organization\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

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| **Annexure – A***Page 1 of 2* |
| **Testing Laboratories** |
| * **Biological**
* Animal Food & Feed
* Antimicrobial Activity Products
* AYUSH Products
* Biocides
* Biological Monitoring
* Biological Tests on Other Miscellaneous Test Items
* Biologically Derived Pharmaceuticals
* Biopesticides and Biofertilizers
* Cell Culture
* Cosmetics & Essential Oil
* Drugs and Pharmaceuticals
* Pollution & Environment
* Food and Agricultural Products
* GM Products
* Industrial Cultures
* Marine /Aqua culture Food Products
* Medical Accessories & Surgical products
* Molecular Analysis (Tests for Various Matrices-Human, Plants, Animal, Microbial)
* Nutraceuticals & Functional Foods
* Nutritional Supplements
* Plants and Plant Materials
* Residue Analysis
* Resistance to Microbial Attack
* Seed Testing
* Toxicology
* Veterinary Testing
* Water
* Wild Life Forensic
* Miscellaneous (Please specify)
* **Mechanical**
* Automotive Components
* Buildings, Infrastructure & Construction Materials
* Heating, Ventilating, and Air Conditioning (HVAC)
* Leather and Leather Products
* Mechanical Properties of Metals
* Metallography Test
* Noise & Vibration
* Paper & Paper Products
* Performance/Durability/ Safety Test
* Plastics and Plastic Products
* Precious Stones
* Properties of Powder Metallurgical Products
* Rubber and Rubber Products
* Soil and Rock
* Soil-Basic
* Soil- Advanced
* Soil-Field
* Rock-Basic
* Rock- Advanced
* Solar Panel
* Sub Assembly/Ancillaries/Accessories
* Textile Materials
* Thermal Tests
* Toys and Similar products
* Wood and Wood Products
* Miscellaneous (Please specify)
* **Non-Destructive Testing**
* Building Materials – Reinforced Concrete Structures
* Metal & Alloys
* Miscellaneous (Please specify)
* **Photometry**
* Glasses/ Mirrors
* Light Sources (Electric Lamp)
* Luminaries
* Miscellaneous (Please specify)
 | * **Chemical**
* Adhesives
* Animal Food & Feeds
* Atmospheric Pollution
* AYUSH Products
* Building Material
* Corrosion tests
* Cosmetics & Essential Oils
* Drugs & Pharmaceuticals
* Explosives & Pyrotechnics
* Fertilizers
* Fire Fighting Equipment’s& Accessories
* Food & Agricultural products
* Plants
* Gases
* Glass
* Hazardous & Restricted Chemicals
* Industrial & Fine Chemicals
* Inks, Dyes & Pigments
* Lac & lac products
* Leather
* Lubricants
* Marine /Aqua culture Food Products
* Metallic coatings & treatment solutions
* Metals & Alloys
* Nutraceuticals & Functional Foods
* Nutritional Supplements
* Ores & Minerals
* Paints & Surface Coating
* Paper and Pulp
* Pesticide Formulations
* Petroleum and Products
* Plastic & Resins
* Pollution & Environment
* Residues and contaminants in Food and Agricultural Products
* Residues and contaminants in Water
* Rubber & Rubber Products
* Soap Detergent & Toiletries
* Soil and Rock
* Solid Fuels
* Textile
* Warfare Chemicals
* Water
* Bio-stimulant
* Miscellaneous (Please specify)
* **Electronics**
* Audio Equipment
* Domestic Electronic Appliances & Accessories
* Electronic Components & Equipment Sub-Assemblies
* EMC Test Facility
* Environmental Test Facility
* Equipment Used in Clinical Laboratory
* IT Equipment
* Medical Electrical Equipment
* Telecommunication equipment (For TEC CAB Designation)
* Miscellaneous Products
* Power Supplies & Stabilizers
* Safety Testing Facility
* Energy Efficiency of Domestic Electronic Appliances
* Miscellaneous (Please specify)
* **Radiological**
* Environment (Radioactive Contaminants)
* Food and Agriculture Products (Radioactive Contaminants)
* Radiation Monitors
* Radiation Sources
* Radiological Equipment and Nucleonic Equipment
* Water (Radioactive Contaminants)
* Miscellaneous (Please specify)
 | * **Electrical**
* Bridges & Potentiometers
* Cables and Wires
* Capacitors
* Cells and Batteries
* Conductors and Conducting Materials
* Domestic Electrical Appliances
* Electrical Indicating & Recording Instruments
* EMI / EMC Test Facility
* Environmental Test Facility
* Frequency & Time Measuring Instruments
* High Voltage Test Facility
* Inductors and Transformers
* Insulating Materials & Insulators
* Lamps, Luminaries and accessories
* Magnetic Materials
* Power System and Stabilizers
* Resistors, Resistance Boxes & Potential Dividers
* Rotating Electrical Machines
* Safety Testing Facility
* Short-Circuit Test Facility
* Switchgear& Protective Equipment
* Transmission Line Equipment and Accessories
* Wiring accessories
* Energy Efficiency of Domestic Electrical Appliances
* Energy Efficiency of Commercial/ Industrial Appliances
* Miscellaneous (Please specify)
* **Forensic**
* Biological Sciences
* Chemical Science
* Crime Scene Management
* Forensic Electronics & Computer Forensics
* Forensic Psychology
* Physical Science
* Miscellaneous (Please specify)
* **Fluid-Flow**
* Air & gases
* Liquids
* Miscellaneous (Please specify)
* **Diagnostic Radiology QA Testing**
* Radiography (X-ray: fixed portable, mobile)
* Computed Tomography (CT)
* Mammography
* Interventional Radiology & Fluoroscopy
* Miscellaneous (Please specify)
* **SOFTWARE & IT SYSTEM**
* Software Testing
* Telecom software/Protocol
* Embedded systems
* Mobile Device and Mobile Applications
* e-Governance Application and solution Evaluation
* Gaming Software,
* IOT Block Chain, AI or drone software system/ application
* Data analytics Software
* Lottery Software
* E-Procurement System Software
* Process and control software
* Web Application and Website
* Linguistics Software
* Sector specific Software.
* Testing & evaluation for regulatory compliance
* Others (please specify)
 |
|  *Annexure – A**Page 2 of 2* |
| **Medical Laboratories*** Clinical Biochemistry
* Haematology
* Clinical Pathology
* Microbiology & Infectious disease serology
* Histopathology
* Cytopathology
* Flow Cytometry
* Cytogenetics
* Molecular Testing
* Medical Imaging
* Projectional Radiography & Fluoroscopy
* Computed Tomography (CT)
* Magnetic Resonance Imaging (MRI)
* Ultrasound and Colour Doppler
* Nuclear Medicine
* Interventional Radiology
* Others (please specify)
 |
| **Calibration Laboratories** | **Proficiency Testing Providers (PTP)** | **Reference Material Producers (RMP)** |
| * **Electro-Technical**
* Alternating Current (< 1 GHz)
* Direct Current
* Electrical equipment
* EMI/ EMC
* RF/Microwave (1 GHz and Above)
* Temperature Simulation
* Time & Frequency
* Miscellaneous (Please specify)
* **Mechanical**
* Acceleration & Speed
* Acoustics
* Density and Viscosity
* Dimension (Basic-Measuring Instrument, Gauges etc.)
* Dimension (Precision- Precision Instruments and Surface Topology)
* Hardness & Impact
* Force
* Mass and Volume
* Pressure and Vacuum
* Torque Generating & Measuring devices
* Miscellaneous (Please specify)
* **Fluid flow**
* Flow measuring Devices
* Miscellaneous (Please specify)
* **Thermal**
* Specific Heat & Humidity
* Temperature
* Miscellaneous (Please specify)
* **Optical**
* Equipment
* Optical
* Miscellaneous (Please specify)
* **Radiological**
* Radiological Measurements
* Radio Isotope/ Source Calibration
* Miscellaneous (Please specify)
* **Medical Devices**
* Discharge Equipment/ Devices
* Patient Conditioning/ Maintenance Monitoring Unit
* Imaging/ Plotters
* Medical Device Analyzer/ Simulator Equipment
* Miscellaneous (Please specify)
 | * **Testing**
* Biological
* Chemical
* Electrical
* Electronic
* Fluid-Flow
* Forensic
* Mechanical
* Non-Destructive
* Photometry
* Radiological
* Others (Please specify)
* **Calibration**
* Electro-Technical
* Mechanical
* Fluid Flow
* Thermal
* Optical
* Radiological
* Medical Device
* Others (Please specify)
* **Medical**
* Clinical Biochemistry
* Haematology
* Clinical Pathology
* Microbiology & Infectious disease serology
* Histopathology
* Cytopathology
* Flow Cytometry
* Cytogenetics
* Molecular Testing
* Others (Please specify)
* **Inspection**
* NDT
* Agriculture and agricultural products
* Manufactured goods
* IT products and services
* Tourism accommodation
* Health inspection
* Building construction and maintenance
* Industrial and commercial construction & maintenance
* Forensic inspection
* Industrial equipment and machinery
* Natural resources and refined products
* Transport
* Factory inspection
* Technical regulation inspection
* Environment & Environmental protection products
* Others (Please specify)
 | * **Chemical Composition**
* Metals
* Inorganic reference materials
* Organic reference materials
* Environmental reference materials
* Health and industrial hygiene
* Engine wear materials
* Analysed gases
* Forensic reference materials
* Ion activity
* Others (Please specify)
* **Biological and Clinical Properties**
* General Medicine
* Clinical Chemistry
* Tissue Pathology and Cytology
* Haematology
* Immunohaematology
* Immunology
* Parasitology
* Bacteriology and Mycology
* Virology
* Other biological and clinical reference Materials
* Forensic Reference Materials
* Others (Please specify)
* **Physical Properties**
* Reference Materials with Optical Properties
* Reference Materials with Electrical and Magnetic Properties
* Reference Materials for Frequency Measurements
* Reference Materials for Radio-activity
* Reference Materials for Thermo-dynamic Properties
* Reference Materials for Physico-chemical Properties
* Reference Materials for Fibre Identification
* Reference Materials for other properties
* Others (Please specify)
* **Engineering Properties**
* Surface Finish
* Sizing
* Non-destructive Testing
* Hardness
* Impact Toughness
* Tensile Strength
* Elasticity
* Creep
* Fire Research
* Others (Please specify)
* **Miscellaneous Properties (Please specify)**
 |

Name Signature Date

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