

SCOPE - A

i) TECHNICAL SERVICES REQUIRED FOR FOLLOWING NABL ACCREDITATION ACTIVITIES.

1. Development of Quality Management System as per ISO/IEC 17025
2. Development of Quality Procedures forms & Formats.
3. Development of Quality Manual & related documentation – defining of Scope of calibration activities, checking the adequacy of the manual.
4. Training of laboratory staff as per requirement of ISO/IEC 17025:2005.
5. Training of laboratory staff on estimation of measurement uncertainties based on NABL-141
6. Evaluation of existing measurement uncertainties in all calibration activities- confirming the measurement uncertainties with the requirement and if required developing the measurement processes to minimize them.
7. Conducting an internal audit and finding out any non-compliance in implementation of quality system.
8. Executing corrective and preventive actions of non-compliance observed during the audit.
9. Preparation and submission of application for accreditation to NABL.

ii) WORK TO BE COMPLETED WHILE PERFORMING ABOVE ACTIVITIES

1. Awareness program for NABL for Sr. Laboratory staff who would be preparing procedures, work instruction, quality plans etc.
2. Training to laboratory staff on documents related NABL as ISO/IEC 17025:2005 122, 130, 131, 141, 143, 152, 160, 161 etc.
3. To decide and document Quality Policy, Objectives of the organization,
4. Formation of a Steering Committee and start periodical meetings for monitoring progress of implementation.
5. Define responsibilities, authorities and inter relations of important persons whose work can affect Quality.
6. Prepare draft for quality system manual, procedure & quality plans etc.
7. Prepare forms, Registers etc. To demonstrate implementation of Quality Assurance system.
8. Prepare & finalize Quality system manual, procedure & other operational documents.
9. Ensure that all latest National / International standards applicable to the calibration work performed are made available.

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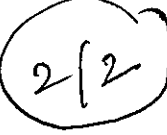
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10. Explain all the above documented Quality Assurance System to operating people and start implementation.
11. Training for laboratory staff for different calibration methods, documentation of different calibration methods.
12. Training laboratory staff on minimizing the error of measurements. Training staff for evaluation of measurement Uncertainties as per guidelines issued by NAGBL 141.
13. Actual evaluation of measurement uncertainties for different activities performed by laboratory.
14. Train auditors and help them in acquiring skills, train auditee in how to face an audit.
15. Start internal auditing activities, audit each aspect of quality system including document- all audit observations and non- conformities observed during audit.
16. Evolve and take corrective & preventive actions to eradicate the causes of non- conformities.
17. Continue the audits till non- conformities become negligible.
18. Prepare and submission of Application for accreditation based on NABL 152 based on scope of work for laboratory activity and its technical capabilities.

  
DGM/QC

  
HOS/QC-II

  
JWM/QC-II/CGB

SCOPE - 'B'

SCOPE OF CENTRAL GAUGE BOND :

- i) Limit Gauges for Internal Diameter : –  
Plain Plug gauge - from 1 mm to 300 mm
- ii) Limit Gauges for External diameter : –  
Gap Gauge (single ended and double ended) – from 0.5 mm to 300 mm  
Plain ring Gauge - from 1.5 mm to 250 mm
- iii) Thread Plug Gauge – 1.6 X 0.035 Pitch to M230 X 3 Pitch
- iv) Thread Ring Gauge – M2.5 X 0.45 Pitch to M230 X 3 Pitch

  
DGM/QC

  
HOS/QC-II

  
JWM/QC-II/CGB



