

## Research Questionnaire for Chemical Metrology Infrastructure.

## (1) General Organization Information:

<b>Name of Organization:</b>				<b>Sector Affiliated With:</b> <input type="checkbox"/> Assembly-type and related industries <input type="checkbox"/> Agro-processing and distribution <input type="checkbox"/> Construction <input type="checkbox"/> Construction materials <input type="checkbox"/> Concrete products <input type="checkbox"/> Chemicals and non-metallic materials <input type="checkbox"/> Household Cleaners/Products <input type="checkbox"/> Paints & Ancillary Products <input type="checkbox"/> Cosmetics & Toiletries <input type="checkbox"/> Personal Care Products <input type="checkbox"/> Insecticides <input type="checkbox"/> Industrial Cleaners <input type="checkbox"/> Edible Oils <input type="checkbox"/> Disinfectants <input type="checkbox"/> Dishwashing Liquid <input type="checkbox"/> Laundry Detergent <input type="checkbox"/> Printing Inks <input type="checkbox"/> Pharmaceuticals <input type="checkbox"/> Polishes/Varnishes <input type="checkbox"/> Plastics <input type="checkbox"/> Surface Coating <input type="checkbox"/> Degreasers <input type="checkbox"/> Extraction of natural gas <input type="checkbox"/> Extraction of petroleum <input type="checkbox"/> Support activities for petroleum and natural gas <input type="checkbox"/> Distribution: wholesale and retail sale trade <input type="checkbox"/> Textiles, garments, footwear and headwear <input type="checkbox"/> Printing, publishing and paper converters <input type="checkbox"/> Food, Beverage and Tobacco <input type="checkbox"/> Wood and related products <input type="checkbox"/> Quarrying of stone, sand and clay <input type="checkbox"/> Others ( <i>Please, specify</i> ):
<b>Division:</b>				
<b>Address:</b>				
	<b>Contact Person 1:</b>	<b>Contact Person 2</b>	<b>Contact Person 3:</b>	
<b>Position:</b>				
<b>Telephone:</b>				
<b>E-Mail:</b>				
<b>Certified</b> according to:	<input type="checkbox"/> ISO 9001 <input type="checkbox"/> ISO 14001 <input type="checkbox"/> .....			
Are you planning to?	<input type="checkbox"/> If yes, name certifying body..... <input type="checkbox"/> No			
<b>Accredited</b> according to:	<input type="checkbox"/> ISO / IEC 17025 <input type="checkbox"/> .....			
Are you planning to?	<input type="checkbox"/> If yes, name accreditation body ..... <input type="checkbox"/> No			
Do you <b>export</b> products?	<input type="checkbox"/> Yes <input type="checkbox"/> No			
If so, to which regions?	<input type="checkbox"/> CARICOM <input type="checkbox"/> EU <input type="checkbox"/> USA <input type="checkbox"/> Others			
	Do you <b>test imported products</b> ? <input type="checkbox"/> Yes <input type="checkbox"/> No If "yes" what do you test?			

## Organization/Divisional Identification:

- |   |   |   |  |
|---|---|---|--|
| <input type="checkbox"/> Regulatory Body                  | <input type="checkbox"/> Accreditation Organization | <input type="checkbox"/> Quality Assurance Organization | <input type="checkbox"/> Proficiency Testing Provider          |
| <input type="checkbox"/> Trade Organization               | <input type="checkbox"/> Government                 | <input type="checkbox"/> Health Care Institute          | <input type="checkbox"/> Certified Reference Material Provider |
| <input type="checkbox"/> Maintenance and Service Provider | <input type="checkbox"/> Educational Sector         | <input type="checkbox"/> Testing/Calibration Laboratory | <input type="checkbox"/> Scientific Professional Body          |
| <input type="checkbox"/> Standard-Setting Body            | <input type="checkbox"/> Other                      |   |  |

**(2) Analysis performed for assuring the quality of products / services:**

a) Please answer all questions and record test that are important to your organization. For question that are not applicable, please put N/A.

Name of chemical/analysis tests performed at the organization	Products	Standard/Regulation Requirement		Quality Requirements				
	What products do you perform this test on? <i>Examples</i> 1. Oil 2. Natural Gas 3. Fish 4. Waste water 5. Other	Is there a specific standard, regulation or specification for this test? <i>Examples</i> 1. Regulations, which one? 2. Customer requirement? 3. Export country requirement, name of document. 4. If other: Please name	What measurement unit do you use with this test?  List multiples if applicable	Is this test validated by you or someone else?  If so how often?	What is your traceability for this test?  Example: 1. Certified Reference Material	Are uncertainty values recorded with this test. If yes what is the uncertainty value.	Do you perform Proficiency Testing on this method If yes state PT provider.	Are you accredited for this test?
1.								
2.								
3.								
4.								
5.								
6.								

**(3) Further comments: Please indicate areas of interest**

a. **Training in:**

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Calculation of uncertainty | <input type="checkbox"/> Validation of Chemical Analysis          | <input type="checkbox"/> Basic Concepts in traceability and Uncertainty |
| <input type="checkbox"/> Basic Metrology            | <input type="checkbox"/> Implementing & Maintaining an EMS System | <input type="checkbox"/> Implementing and Documenting an ISO QMS        |
| <input type="checkbox"/> Training in ISO/IEC 17025  | <input type="checkbox"/> EMS Lead Auditor                         | <input type="checkbox"/> QMS Internal Auditor                           |
| <input type="checkbox"/> QMS Lead Auditor           | <input type="checkbox"/> Internal Auditing of Laboratories        | <input type="checkbox"/> A specific standard.                           |
- Other \_\_\_\_\_

b. **Calibration Services**

Would you be interested in TTBS providing calibration in?

- Mass       Length       Temperature       Electrical       Volume       Pressure       Density       Ph/Conductivity Meters
- Other \_\_\_\_\_

c. **Certification of Products and Services:**

Would you be interested in any of the following areas?

- Tourism Certification       ISO 9001 Certification       ISO 14001       Product Certification       Small and Medium Enterprises
- Other: \_\_\_\_\_

d. **Standards Development:**

i. What standards do you use?

- Company Standards       Industrial Standards       National Standards       Regional Standards       International Standards
- Other: \_\_\_\_\_

ii. What type of standards would you need to improve your product or service?

- Test Method       Product Specification       Code of Practice       Service Standard       Guidance Document
- Other: \_\_\_\_\_

e. **Testing Services**

Would you be interested in TTBS providing testing in?

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Water  | <input type="checkbox"/> Rheology measurements                        | <input type="checkbox"/> Limestone and Aggregate Material                    | <input type="checkbox"/> Hand Dishwashing Detergents                       |
| <input type="checkbox"/> Analysis of battery acid   | <input type="checkbox"/> Synthetic Laundry Detergent                  | <input type="checkbox"/> Evaluation of safety matches                        | <input type="checkbox"/> Sampling  |
| <input type="checkbox"/> Bleach   | <input type="checkbox"/> Specific gravity of solutions                | <input type="checkbox"/> Determination of colour in glass                    | <input type="checkbox"/> Viscosity measurements                            |
| <input type="checkbox"/> Flash point of paints and organic solvents using the Pensky closed cup                   | <input type="checkbox"/> Preparation and standardization of solutions | <input type="checkbox"/> Evaluation of the karatage of yellow gold jewellery | <input type="checkbox"/> Total solids in liquids, mixtures and suspensions |
| <input type="checkbox"/> Consultancy services – research and compilation of internationally accepted test methods |   |  |  |

Other: \_\_\_\_\_

f. Any other comments? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Thank you very much for your time and information provided!**

Date, Signature .....