

Questionnaire for SIM NMI - 2013

Country			
name of NMI	Trinidad and Tobago Bureau of Standards		
web page	ttbs.org.tt		
contact person	Theodore Reddock		
email of contact person	theodore.reddock@ttbs.org.tt		
Training offered:			
1. Courses	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
2. Internships	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
3. Diplomas	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Publications:			
Bulletins	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="checkbox"/> Printed <input type="checkbox"/> Digital
Magazines	<input type="radio"/> Yes	<input checked="" type="radio"/> N	<input type="checkbox"/> Printed <input type="checkbox"/> Digital
Quantities offered:			
1. mass	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
2. volume	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
3. temperature	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
4. pressure	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
5. force	<input type="radio"/> Yes	<input type="radio"/> No	
6. humidity	<input type="radio"/> Yes	<input type="radio"/> No	
7. photometry	<input type="radio"/> Yes	<input type="radio"/> No	
8. density	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
9. viscosity	<input type="radio"/> Yes	<input type="radio"/> No	
10. electricity			
AC/DC	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
energy	<input type="radio"/> Yes	<input type="radio"/> No	

power	<input type="radio"/> Yes	<input type="radio"/> No
11. length		
calibration of calipers, micrometers, dial gauge, etc	<input checked="" type="radio"/> Yes	<input type="radio"/> No
calibration of gauge blocks, length standards, line standards	<input checked="" type="radio"/> Yes	<input type="radio"/> No
measuring of diameters, roundness	<input type="radio"/> Ye	<input checked="" type="radio"/> N
laser measurements: wavelength/frecuency	<input type="radio"/> Yes	<input checked="" type="radio"/> No
measurements with CMM)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
measurement of surfaces (roughness)	<input type="radio"/> Yes	<input checked="" type="radio"/> No
measurement of angles: angle blocks, rotary index tables, optical polygons	<input type="radio"/> Yes	<input checked="" type="radio"/> No
calibration of geodetic instruments	<input type="radio"/> Yes	<input checked="" type="radio"/> No
12. acoustics		
calibration of microphones, pistonphones	<input type="radio"/> Yes	<input checked="" type="radio"/> No
calibration of sound level meters	<input type="radio"/> Yes	<input checked="" type="radio"/> No
calibration of accelerometers	<input type="radio"/> Yes	<input checked="" type="radio"/> No
13.time and frecuency	<input checked="" type="radio"/> Yes	<input type="radio"/> No
14. flow of liquids	<input type="radio"/> Yes	<input checked="" type="radio"/> No
15. flow of gas	<input type="radio"/> Yes	<input checked="" type="radio"/> No
16. torque	<input type="radio"/> Yes	<input checked="" type="radio"/> No
17.hardness	<input type="radio"/> Yes	<input checked="" type="radio"/> No
18. others	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Designated Institutes:		
Nuclear Energy	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chemical Metrology	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Time	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Others	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Others	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Chemical Metrology		

producer of MRC	<input type="radio"/> Yes	<input checked="" type="radio"/> No
1. electrochemistry	<input type="radio"/> Yes	<input checked="" type="radio"/> No
2. organic	<input type="radio"/> Yes	<input checked="" type="radio"/> No
3. inorganic	<input type="radio"/> Yes	<input checked="" type="radio"/> No
4. others	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Proficiency testing provider:		
accredited 17043	<input type="radio"/> Yes	<input checked="" type="radio"/> N
1. pH	<input type="radio"/> Yes	<input checked="" type="radio"/> No
2. conductivity	<input type="radio"/> Yes	<input checked="" type="radio"/> No
3. metals	<input type="radio"/> Yes	<input checked="" type="radio"/> No
4. food	<input type="radio"/> Yes	<input checked="" type="radio"/> No
5. gas	<input type="radio"/> Yes	<input checked="" type="radio"/> No
6. others	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Comparisons provider:		
1. mass	<input type="radio"/> Yes	<input checked="" type="radio"/> No
2. balances	<input type="radio"/> Yes	<input checked="" type="radio"/> No
3. temperature	<input type="radio"/> Yes	<input checked="" type="radio"/> No
4. pressure	<input type="radio"/> Yes	<input checked="" type="radio"/> No
5. force	<input type="radio"/> Yes	<input checked="" type="radio"/> No
6. humidity	<input type="radio"/> Yes	<input checked="" type="radio"/> No
7. volume	<input type="radio"/> Yes	<input checked="" type="radio"/> No
8. density	<input type="radio"/> Yes	<input checked="" type="radio"/> No
9. viscosity	<input type="radio"/> Yes	<input checked="" type="radio"/> No
10. electricity	<input type="radio"/> Yes	<input checked="" type="radio"/> No
11. length	<input type="radio"/> Yes	<input checked="" type="radio"/> No
12. time	<input type="radio"/> Yes	<input checked="" type="radio"/> No
13. flow	<input type="radio"/> Yes	<input checked="" type="radio"/> No

14. others	<input type="radio"/> Yes <input checked="" type="radio"/> No
Quality System	
Accreditation ISO 17025/ISO 34	<input checked="" type="radio"/> Yes <input type="radio"/> No
Peer Evaluation	<input type="radio"/> Yes <input type="radio"/> No
Self declaration	<input type="radio"/> Yes <input type="radio"/> No
Quality Systems (approved in QSTF)	<input type="radio"/> Yes <input type="radio"/> No
BIPM/CIPM	
BIPM (member)	<input checked="" type="radio"/> Yes <input type="radio"/> No
CGPM	<input type="radio"/> Member State <input checked="" type="radio"/> Associated <input type="radio"/> None
Signer CIPM MRA	<input type="radio"/> Yes <input checked="" type="radio"/> No
CMCs published	<input type="radio"/> Yes <input checked="" type="radio"/> No
Participation in Comparisons	<input type="radio"/> Yes <input checked="" type="radio"/> No
Legal Metrology	
Is your NMI responsible organization in your country?	<input type="radio"/> Yes <input checked="" type="radio"/> No
OIML	<input type="radio"/> Member State <input checked="" type="radio"/> Corresponding member <input type="radio"/> None
Other organization	<input type="radio"/> Member State <input type="radio"/> Associated <input type="radio"/> None
Relationship with the Accreditation Body	
Does the NMI participate in the accreditation committees?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Does the NMI participate in assessments of calibration laboratories?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Does the NMI have leaders auditors within their staff ?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Does the NMI have experts audits within their staff?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Does the NMI have technical experts within their staff ?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Relationship with Standardization Body	
Does the NMI maintain coordinations with the Standardization Body?	<input checked="" type="radio"/> Yes <input type="radio"/> No

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name of responsible

one

how many?

Does the NMI participate in standardization committees?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Does the NMI participate in joint plans with the Standardization body?	<input checked="" type="radio"/> Yes <input type="radio"/> No

Note: For further information or clarification, please send an email to:	theodore.reddock@ttbs.org.tt
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