

Questionnaire for SIM NMI - 2013

Country	
name of NMI	National Institute of Standards and Technology
web page	www.nist.gov
contact person	Dr. James Olthoff
email of contact person	James.Olthoff@nist.gov
Training offered:	
1. Courses	<input checked="" type="radio"/> Yes <input type="radio"/> No
2. Internships	<input checked="" type="radio"/> Yes <input type="radio"/> No
3. Diplomas	<input type="radio"/> Yes <input checked="" type="radio"/> No
Publications:	
Bulletins	<input checked="" type="radio"/> Yes <input type="radio"/> No
Magazines	<input checked="" type="radio"/> Yes <input type="radio"/> No
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 checked="" type="radio"/> Yes <input type="radio"/> No
6. humidity	<input checked="" type="radio"/> Yes <input type="radio"/> No
7. photometry	<input checked="" type="radio"/> Yes <input 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	
AC/DC	<input checked="" type="radio"/> Yes <input type="radio"/> No
energy	<input checked="" type="radio"/> Yes <input type="radio"/> No
power	<input checked="" type="radio"/> Yes <input type="radio"/> No
11. length	

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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 checked="" type="radio"/> Yes	<input type="radio"/> No
laser measurements: wavelength/frequency	<input checked="" type="radio"/> Yes	<input type="radio"/> No
measurements with CMM)	<input checked="" type="radio"/> Yes	<input type="radio"/> No
measurement of surfaces (roughness)	<input checked="" type="radio"/> Yes	<input type="radio"/> No
measurement of angles: angle blocks, rotary index tables, optical polygons	<input checked="" type="radio"/> Yes	<input type="radio"/> No
calibration of geodetic instruments	<input type="radio"/> Yes	<input checked="" type="radio"/> No
12. acoustics		
calibration of microphones, pistonphones	<input checked="" type="radio"/> Yes	<input type="radio"/> No
calibration of sound level meters	<input checked="" type="radio"/> Yes	<input type="radio"/> No
calibration of accelerometers	<input checked="" type="radio"/> Yes	<input type="radio"/> No
13. time and frequency		
14. flow of liquids	<input checked="" type="radio"/> Yes	<input type="radio"/> No
15. flow of gas	<input checked="" type="radio"/> Yes	<input type="radio"/> No
16. torque	<input type="radio"/> Yes	<input checked="" type="radio"/> No
17. hardness	<input checked="" type="radio"/> Yes	<input type="radio"/> No
18. others	<input checked="" type="radio"/> Yes	<input 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 checked="" type="radio"/> Yes	<input type="radio"/> No
Others	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Chemical Metrology		
producer of MRC	<input checked="" type="radio"/> Yes	<input type="radio"/> No
1. electrochemistry	<input checked="" type="radio"/> Yes	<input type="radio"/> No

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underwater acoustics
viscosity

2. organic	<input checked="" type="radio"/> Yes	<input type="radio"/> No
3. inorganic	<input checked="" type="radio"/> Yes	<input type="radio"/> No
4. others	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Proficiency testing provider:		
accredited 17043	<input type="radio"/> Yes	<input checked="" type="radio"/> No
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 checked="" type="radio"/> Yes	<input type="radio"/> No
2. balances	<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 checked="" type="radio"/> Yes	<input type="radio"/> No
6. humidity	<input checked="" type="radio"/> Yes	<input type="radio"/> No
7. volume	<input checked="" type="radio"/> Yes	<input 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 checked="" type="radio"/> Yes	<input type="radio"/> No
11. length	<input checked="" type="radio"/> Yes	<input type="radio"/> No
12. time	<input checked="" type="radio"/> Yes	<input type="radio"/> No
13. flow	<input checked="" type="radio"/> Yes	<input type="radio"/> No
14. others	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Quality System		

Especifique:

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quantity:

radiation, time and frequency, chemical, etc.

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

link

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how many?

how many?

how many?

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NIST plays a coordination role across the States, but has no regulatory authority
--

over 25
over 100
over 100

Does the NMI participate in joint plans with the Standardization body?

Yes

No

Note: For further information or clarification, please send an email to:

bgoldstein@nist.gov