

# OMB Control #0693-0033

Expiration Date: 07/31/2022

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\* Required

## 1. Email address \*

OSAC  
Standards  
Implementation  
Survey

OSAC is seeking to understand how laboratories are implementing standards, and what support they need to improve standards implementation. Please see the OSAC website for more information, ([www.nist.gov/osac](http://www.nist.gov/osac)) and the OSAC Registry ([www.nist.gov/osac/osac-registry](http://www.nist.gov/osac/osac-registry)). If you have any questions about the survey or need assistance please e-mail Tim Brennan, ([timothy.brennan@nist.gov](mailto:timothy.brennan@nist.gov)).

## 2. 1. Are there individuals in your laboratory that are aware of the standards on the OSAC Registry? \*

*Mark only one oval.*

☐ Yes

☐ No

☐ Other: \_\_\_\_\_

3. 2. What priority do you consider implementation of the applicable OSAC Registry standards for your agency/organization? (Select One Response) \*

*Mark only one oval.*

- ☐ High Priority/Very Important
- ☐ Medium Priority/Important
- ☐ Low Priority/Somewhat Important
- ☐ Not a priority/Not important at this time
- ☐ Not Applicable
- ☐ Other: \_\_\_\_\_

3. To date, 46 standards have been included on the OSAC Registry. Has your laboratory implemented or intend to implement them? Please provide a response to each of the standards listed. You can reference the standards on the OSAC Registry website (<https://www.nist.gov/osac/osac-registry>)

## 4. Biology/DNA Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ANSI/ASB Standard 022, Standard for Forensic DNA Analysis Training Programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Standard 020, Standard for Validation Studies of DNA Mixtures, and Development and Verification of a Laboratory's Mixture Interpretation Protocol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Standard 040, Standard for Forensic DNA Interpretation and Comparison Protocols	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 5. Bloodstain Pattern Analysis Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ASB Technical Report 033, Terms and Definitions in Bloodstain Pattern Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 6. Digital Evidence Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ASTM E2916-19e1, Standard Terminology for Digital and Multimedia Evidence Examination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E3017-19, Standard Practice for Examining Magnetic Card Readers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E3150-18, Standard Guide for Forensic Audio Lab Setup and Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 7. Dogs &amp; Sensors Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ASB Technical Report 025, Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 8. Facial Identification Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ASTM E3115-17, Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E3148-18, Standard Guide for Postmortem Facial Image Capture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E3149-18, Standard Guide for Facial Image Comparison Feature List for Morphological Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 9. Fire &amp; Explosion Investigation Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
NFPA 921:2017, Guide for Fire and Explosion Investigations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NFPA 1033:2014, Standard for Professional Qualifications for Fire Investigator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 10. Fire Debris Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ASTM E1388-17, Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E1412-19, Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E1413-19, Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbent Tube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E3189-19, Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 11. Medicolegal Death Investigation Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ANSI/ASB Best Practice Recommendation 007, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Best Practice Recommendation 010, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 12. Odontology Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ADA 1088-2017D, Human Identification by Comparative Dental Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ADA 1058- 2010D, Forensic Dental Data Set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 13. Seized Drugs Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ASTM E2329-17, Standard Practice for Identification of Seized Drugs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E2548-11e, Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## 14. Toxicology Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ANSI/ASB Standard 053, Standard for Report Content in Forensic Toxicology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Standard 036, Standard Practices for Method Validation in Forensic Toxicology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Best Practice Recommendation 037, Guidelines for Opinions and Testimony in Forensic Toxicology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Standard 017, Standard Practices for Measurement Traceability in Forensic Toxicology	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 15. Trace Evidence Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ASTM E3233-20, Standard Practice for Forensic Tape Analysis Training Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E3234-20, Standard Practice for Forensic Paint Analysis Training Program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E1967, Standard Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E2330, Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparisons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E3085-17, Standard Guide for Fourier Transform	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Infrared  
Spectroscopy in  
Forensic Tape  
Examinations

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ASTM E1610-18,  
Standard Guide for  
Forensic Paint  
Analysis and  
Comparison

☐☐☐☐☐

ASTM E2937-18,  
Standard Guide for  
Using Infrared  
Spectroscopy in  
Forensic Pain  
Examinations

☐☐☐☐☐

ASTM E2927-16e1,  
Standard Test  
Method for  
Determination of  
Trace Elements in  
Soda-Lime Glass  
Samples Using  
Laser Ablation  
Inductively  
Coupled Plasma  
Mass Spectrometry  
for Forensic  
Comparisons

☐☐☐☐☐

ASTM E2926-17,  
Standard Test  
Method for  
Forensic  
Comparison of  
Glass Using Micro  
X-ray Fluorescence  
Spectrometry

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☐☐☐☐☐

## 16. Wildlife Forensics Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ANSI/ASB Standard 019, Wildlife Forensics General Standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Standard 029, Report Writing in Wildlife Forensics: Morphology and Genetics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Standard 028, Wildlife Forensics Morphology Standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ANSI/ASB Standard 047, Wildlife Forensics Validation Standard - Validating New Primers for Sequencing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## 17. Interdisciplinary Published Standards \*

*Check all that apply.*

	Implemented (Full)	Implemented (Partial)	Undecided	Will Not Implement	Not Applicable
ANSI/NIST ITL-1: 2011, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ISO 21043-2 Forensic Sciences, Part 2: Recognition, recording, collecting transport and storage of items	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ASTM E2917-19a, Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ISO/IEC 17025:2017, General requirements for the Competence of testing and Calibration Laboratories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ISO/IEC 17020:2012, Conformity Assessment - Requirements for	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

the Operation of  
Various types of  
Bodies Performing  
Inspection

ISO/IEC

17025:2005,

General

Requirements for  
the Competence of  
Testing and  
Calibration  
Laboratories

☐
☐
☐
☐
☐

18. 4. Please select the key challenges or reasons preventing implementation of the OSAC Registry standards at your laboratory (Please select up to 5)

*Check all that apply.*

- ☐ Not Applicable - my laboratory supports implementation policies
- ☐ My laboratory supports implementation policies but can't implement at this time
- ☐ My laboratory does not have the available personnel to allocate to this task
- ☐ My laboratory does not have the available instruments and/or facility to support implementation
- ☐ My laboratory does not have the training to support implementation
- ☐ My laboratory does not have the funding to support implementation
- ☐ My laboratory has not completed validation required by these standards
- ☐ My laboratory does not know how to update our standard operating procedures/quality manual to incorporate OSAC registry standards
- ☐ My laboratory does not understand the need for OSAC registry standards
- ☐ My laboratory does not feel the OSAC registry standard(s) will add value over what is already implemented
- ☐ The OSAC registry does not have any applicable standards for my laboratory
- ☐ My laboratory is not required to implement OSAC registry standards
- ☐ My laboratory does not agree with OSAC registry standards
- ☐ My laboratory currently uses guidance documents from other organizations such as NAME, FBI, QAS, SWG, etc. (If selected identify the other documents in the "other" field)

Other: ☐ \_\_\_\_\_

19. 5. Would you like someone from OSAC to contact you regarding assistance with standards implementation? If so, please provide designee and topics of interest to your laboratory.

*Check all that apply.*

☐ Yes

☐ No

Other: ☐ \_\_\_\_\_

### Survey Respondent Information

20. Name of Laboratory \*

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21. Title \*

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22. Phone Number

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## 23. Organization Type \*

*Mark only one oval.*

- ☐ U.S. City/County Government
- ☐ U.S. State Government
- ☐ U.S. Private
- ☐ U.S. Federal Government
- ☐ Non - U.S. Government
- ☐ Non - U.S. Private

## 24. Position in your Laboratory/Agency \*

*Mark only one oval.*

- ☐ Laboratory Director/Deputy Director
- ☐ Section Head/Technical Leader
- ☐ Quality Manager
- ☐ Practitioner
- ☐ Other: \_\_\_\_\_



## 25. Forensic Discipline(s) Performed by your Laboratory

*Check all that apply.*

- ☐ Bloodstain Pattern Analysis
- ☐ Crime Scene Investigation & Reconstruction
- ☐ Digital Evidence
- ☐ Disaster Victim Identification
- ☐ Dogs & Sensors
- ☐ Facial Identification
- ☐ Fire & Explosion Investigation (Scene collection)
- ☐ Firearms & Toolmarks
- ☐ Footwear & Tire
- ☐ Forensic Anthropology
- ☐ Forensic Document Examination
- ☐ Forensic Odontology
- ☐ Forensic Toxicology
- ☐ Friction Ridge
- ☐ Human Forensic Biology
- ☐ Ignitable Liquids (Fire Debris), Explosives, & Gunshot Residue (Laboratory Analysis)
- ☐ Medicolegal Death Investigation
- ☐ Seized Drugs
- ☐ Speaker Recognition
- ☐ Trace Materials (Includes Geological Materials)
- ☐ Video/Imaging Technology & Analysis
- ☐ Wildlife Forensic Biology

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