



## OSAC Registry Standards – Laboratory Implementation Declaration

**Forensic Science Laboratory:** \_\_\_\_\_

**Address:** \_\_\_\_\_

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### Declaration:

This forensic science laboratory has self-adopted, either in its entirety or partially, the following standards on the [OSAC Registry](#) in its Standard Operating Procedures (SOP) Manual(s) and/or Quality Manual.

[Biology/DNA](#) | [Bloodstain Pattern Analysis](#) | [Digital Evidence](#) | [Dogs & Sensors](#) | [Facial Identification](#) | [Fire & Explosion Investigation](#) | [Fire Debris](#) | [Medicolegal Death Investigation](#) | [Odontology](#) | [Seized Drugs](#) | [Toxicology](#) | [Trace Evidence](#) | [Wildlife Forensics](#) | [Interdisciplinary](#)

### Biology/DNA

- ANSI/ASB Standard 022, *Standard for Forensic DNA Analysis Training Programs*, First Edition, 2019 (added September 1, 2020).
- ANSI/ASB Standard 020, *Standard for Validation Studies of DNA Mixtures, and Development and Verification of a Laboratory's Mixture Interpretation Protocol*, First Edition, 2018 (added May 12, 2020).
- ANSI/ASB Standard 040, *Standard for Forensic DNA Interpretation and Comparison Protocols*, First Edition, 2019 (added May 12, 2020).

### Bloodstain Pattern Analysis

- ASB Technical Report 033, *Terms and Definitions in Bloodstain Pattern Analysis*, First Edition, 2017 (added June 3, 2020).

### Digital Evidence

- ASTM E2916-19e1 *Standard Terminology for Digital and Multimedia Evidence Examination* (added July 7, 2020).
- ASTM E3017-19 *Standard Practice for Examining Magnetic Card Readers* (added July 7, 2020).
- ASTM E3150-18 *Standard Guide for Forensic Audio Lab Setup and Maintenance* (added July 7, 2020).



## Dogs & Sensors

- ASB Technical Report 025, *Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions*, First Edition, 2017 (added October 1, 2019).

## Facial Identification

- ASTM E3115-17 *Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems* (added October 1, 2019).
- ASTM E3148-18 *Standard Guide for Postmortem Facial Image Capture* (added October 1, 2019).
- ASTM E3149-18 *Standard Guide for Facial Image Comparison Feature List for Morphological Analysis* (added February 14, 2019).

## Fire & Explosion Investigation

- NFPA 921:2017 *Guide for Fire and Explosion Investigations* (added November 1, 2017).
- NFPA 1033:2014 *Standard for Professional Qualifications for Fire Investigator* (added December 22, 2016).

## Fire Debris

- ASTM E1388-17 *Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples* (added December 1, 2020).
- ASTM E1412-19 *Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal* (added December 1, 2020).
- ASTM E1413-19 *Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbent Tube* (added December 1, 2020).
- ASTM E3189-19 *Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube* (added December 1, 2020).

## Medicolegal Death Investigation

- ANSI/ASB Best Practice Recommendation 007, *Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases*, First Edition, 2018 (added September 5, 2019).
- ANSI/ASB Best Practice Recommendation 010, *Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority*, First Edition, 2018 (added September 5, 2019).



## Odontology

- ADA 1088-2017D *Human Identification by Comparative Dental Analysis* (added March 7, 2019).
- ANSI/ADA 1058-2010D *Forensic Dental Data Set* (added February 14, 2019).

## Seized Drugs

- ASTM E2329-17 *Standard Practice for Identification of Seized Drugs* (added August 7, 2018).
- ASTM E2548-11e1 *Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis* (added April 3, 2017).

## Toxicology

- ANSI/ASB Standard 036, *Standard Practices for Method Validation in Forensic Toxicology*, First Edition, 2019 (added July 7, 2020).
- ANSI/ASB Best Practice Recommendation 037, *Guidelines for Opinions and Testimony in Forensic Toxicology*, First Edition, 2019 (added November 5, 2019).
- ANSI/ASB Standard 017, *Standard Practices for Measurement Traceability in Forensic Toxicology*, First Edition, 2018 (added June 18, 2019).

## Trace Evidence

- ASTM E3233-20 *Standard Practice for Forensic Tape Analysis Training Program* (added November 3, 2020).
- ASTM E3234-20 *Standard Practice for Forensic Paint Analysis Training Program* (added November 3, 2020).
- 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* (added July 7, 2020).
- 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* (added July 7, 2020).
- ASTM E3085-17 *Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations* (added September 11, 2018).
- ASTM E1610-18 *Standard Guide for Forensic Paint Analysis and Comparison* (added June 26, 2018).
- ASTM E2937-18 *Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations* (added June 26, 2018).
- 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* (added June 5, 2018).
- ASTM E2926-17 *Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence ( $\mu$ -XRF) Spectrometry* (added July 31, 2017).



## Wildlife Forensics

- ANSI/ASB Standard 028, *Wildlife Forensics Morphology Standards*, First Edition, 2019 (added June 3, 2020).
- ANSI/ASB Standard 047, *Wildlife Forensics Validation Standard—Validating New Primers for Sequencing*, First Edition, 2019 (added June 3, 2020).

## Interdisciplinary

- ANSI/NIST ITL-1: 2011 (Update 2015) *Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information* (added November 3, 2020).
- ISO 21043-2 Forensic Sciences - *Part 2: Recognition, recording, collecting transport and storage of items* (added December 3, 2019).
- ASTM E2917-19a *Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs* (added November 5, 2019).
- ISO/IEC 17025:2017 *General Requirements for the Competence of Testing and Calibration Laboratories* (added June 18, 2019).
- ISO/IEC 17020:2012 *Conformity Assessment—Requirements for the Operation of Various Types of Bodies Performing Inspection* (added April 18, 2017).
- ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories* (added September 27, 2016).

**Laboratory Director:** \_\_\_\_\_

**Date:** \_\_\_\_\_