



OSAC Registry – Standards Implementation Declaration

Forensic Science Service Provider: _____

Address: _____

Declaration: This forensic science service provider (FSSP) 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](#) | [Firearms & Toolmarks](#) | [Footwear & Tire](#) | [Medicolegal Death Investigation](#) | [Odontology](#) | [Seized Drugs](#) | [Toxicology](#) | [Trace Evidence](#) | [Wildlife Forensic Biology](#) | [Interdisciplinary](#)

Biology/DNA	Fully Implemented	Partially Implemented
1. OSAC 2020-S-0004, <i>Standard for Interpreting, Comparing and Reporting DNA Test Results Associated with Failed Controls and Contamination Events</i> (OSAC Proposed standard added June 1, 2021 and sent to ASB for further development and publication).		
2. ANSI/ASB Standard 018, <i>Standard for Validation of Probabilistic Genotyping Systems</i> , First Edition, 2020 (SDO published standard added May 4, 2021)		
3. OSAC 2020-N-0007, <i>Best Practice Recommendations for the Management and Use of Quality Assurance DNA Elimination Databases in Forensic DNA Analysis</i> (OSAC Proposed Standard added April 6, 2021 and sent to ASB for further development and publication)		
4. ANSI/ASB Standard 022, <i>Standard for Forensic DNA Analysis Training Programs</i> , First Edition, 2019 (SDO published standard added September 1, 2020)		
5. ANSI/ASB Standard 020, <i>Standard for Validation Studies of DNA Mixtures, and Development and Verification of a Laboratory's Mixture Interpretation Protocol</i> , First Edition, 2018 (SDO published standard added May 12, 2020)		
6. ANSI/ASB Standard 040, <i>Standard for Forensic DNA Interpretation and Comparison Protocols</i> , First Edition, 2019 (SDO published standard added May 12, 2020)		

Bloodstain Pattern Analysis	Fully Implemented	Partially Implemented
1. ASB Technical Report 033, <i>Terms and Definitions in Bloodstain Pattern Analysis</i> , First Edition, 2017 (SDO published standard added June 3, 2020)		

Digital Evidence	Fully Implemented	Partially Implemented
1. ASTM E2916-19e1 <i>Standard Terminology for Digital and Multimedia Evidence Examination</i> (SDO published standard added July 7, 2020)		
2. ASTM E3017-19 <i>Standard Practice for Examining Magnetic Card Readers</i> (SDO published standard added July 7, 2020)		
3. ASTM E3150-18 <i>Standard Guide for Forensic Audio Lab Setup and Maintenance</i> (SDO published standard added July 7, 2020)		

Dogs & Sensors	Fully Implemented	Partially Implemented
1. ASB Technical Report 025, <i>Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions</i> , First Edition, 2017 (SDO published standard added October 1, 2019)		

Facial Identification	Fully Implemented	Partially Implemented
1. OSAC 2020-S-0002, <i>Physical Stability of Facial Features of Adults</i> (OSAC Proposed Standard added June 1, 2021 and sent to ASTM for further development and publication. Note: This is an annex to ASTM E3149-18, below)		
2. ASTM E3115-17 <i>Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems</i> (SDO published standard added October 1, 2019)		
3. ASTM E3148-18 <i>Standard Guide for Postmortem Facial Image Capture</i> (SDO published standard added October 1, 2019)		
4. ASTM E3149-18 <i>Standard Guide for Facial Image Comparison Feature List for Morphological Analysis</i> (SDO published standard added February 14, 2019)		

Fire & Explosion Investigation	Fully Implemented	Partially Implemented
1. NFPA 921:2017 <i>Guide for Fire and Explosion Investigations</i> (SDO published standard added November 1, 2017)		
2. NFPA 1033:2014 <i>Standard for Professional Qualifications for Fire Investigator</i> (SDO published standard added December 22, 2016)		

Fire Debris	Fully Implemented	Partially Implemented
1. ASTM E3245-20e1 <i>Standard Guide for Systematic Approach to the Extraction, Analysis, and Classification of Ignitable Liquids and Ignitable Liquid Residues in Fire Debris Samples</i> (SDO published standard added May 4, 2021)		
2. ASTM E3197-20 <i>Standard Terminology Relating to Examination of Fire Debris</i> (SDO published standard added April 6, 2021)		
3. ASTM E1388-17 <i>Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples</i> (added December 1, 2020)		
4. ASTM E1412-19 <i>Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal</i> (SDO published standard added December 1, 2020)		
5. ASTM E1413-19 <i>Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbent Tube</i> (SDO published standard added December 1, 2020)		
6. ASTM E3189-19 <i>Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube</i> (SDO published standard added December 1, 2020)		

Firearms & Toolmarks	Fully Implemented	Partially Implemented
1. ANSI/ASB Best Practice Recommendation 068, <i>Safe Handling of Firearms and Ammunition</i> , First Edition, 2020 (SDO published standard added April 6, 2021)		

Footwear & Tire	Fully Implemented	Partially Implemented
1. ANSI/ASB Best Practice Recommendation 021, <i>Best Practices for the Preparation of Test Impressions from Footwear and Tires</i> , First Edition, 2019 (SDO published standard added May 4, 2021)		

Medicolegal Death Investigation	Fully Implemented	Partially Implemented
1. ANSI/ASB Best Practice Recommendation 007, <i>Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases</i> , First Edition, 2018 (SDO published standard added September 5, 2019)		
2. ANSI/ASB Best Practice Recommendation 010, <i>Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority</i> , First Edition, 2018 (SDO published standard added September 5, 2019)		

Odontology	Fully Implemented	Partially Implemented
1. ADA 1088-2017D <i>Human Identification by Comparative Dental Analysis</i> (SDO published standard added March 7, 2019)		
2. ANSI/ADA 1058-2010D <i>Forensic Dental Data Set</i> (SDO published standard added February 14, 2019)		

Seized Drugs	Fully Implemented	Partially Implemented
1. ASTM E1968-19 <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Cocaine</i> (SDO published standard added July 6, 2021)		
2. ASTM E1969-19 <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Methamphetamine and Amphetamine</i> (SDO published standard added July 6, 2021)		
3. ASTM E2125-19 <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Phencyclidine and its Analogues</i> (SDO published standard added July 6, 2021)		
4. ASTM E2882-19 <i>Standard Guide for Analysis of Clandestine Drug Laboratory Evidence</i> (SDO published standard added July 6, 2021)		
5. ASTM E2329-17 <i>Standard Practice for Identification of Seized Drugs</i> (SDO published standard added August 7, 2018)		
6. ASTM E2548-16 <i>Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis</i> (SDO published standard added June 1, 2021. NOTE: The 2016 version replaced the previous 2011 version on the Registry.)		

Toxicology	Fully Implemented	Partially Implemented
1. ANSI/ASB Standard 053, <i>Standard for Report Content in Forensic Toxicology</i> , First Edition, 2020 (SDO published standard added March 2, 2021)		
2. ANSI/ASB Standard 036, <i>Standard Practices for Method Validation in Forensic Toxicology</i> , First Edition, 2019 (SDO published standard added July 7, 2020)		
3. ANSI/ASB Best Practice Recommendation 037, <i>Guidelines for Opinions and Testimony in Forensic Toxicology</i> , First Edition, 2019 (SDO published standard added November 5, 2019)		
4. ANSI/ASB Standard 017, <i>Standard Practices for Measurement Traceability in Forensic Toxicology</i> , First Edition, 2018 (SDO published standard added June 18, 2019)		

Trace Evidence	Fully Implemented	Partially Implemented
1. ASTM E3233-20 <i>Standard Practice for Forensic Tape Analysis Training Program</i> (SDO published standard added November 3, 2020)		
2. ASTM E3234-20 <i>Standard Practice for Forensic Paint Analysis Training Program</i> (SDO published standard added November 3, 2020)		
3. ASTM E1967 <i>Standard Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope</i> (SDO published standard added July 7, 2020)		
4. ASTM E2330 <i>Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparisons</i> (SDO published standard added July 7, 2020)		
5. ASTM E3085-17 <i>Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations</i> (SDO published standard added September 11, 2018)		
6. ASTM E1610-18 <i>Standard Guide for Forensic Paint Analysis and Comparison</i> (SDO published standard added June 26, 2018)		
7. ASTM E2937-18 <i>Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations</i> (SDO published standard added June 26, 2018)		
8. ASTM E2927-16e1 <i>Standard Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Mass Spectrometry for Forensic Comparisons</i> (SDO published standard added June 5, 2018)		

9. ASTM E2926-17 <i>Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (μ-XRF) Spectrometry</i> (SDO published standard added July 31, 2017)		
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Wildlife Forensic Biology	Fully Implemented	Partially Implemented
1. OSAC 2021-N-0001, <i>Wildlife Forensics Method-Collection of Known DNA Samples from Domestic Mammals</i> (OSAC Proposed Standard added April 6, 2021 and sent to ASB for further development and publication)		
2. ANSI/ASB Standard 019, <i>Wildlife Forensics General Standards</i> , First Edition, 2019 (SDO published standard added March 2, 2021)		
3. ANSI/ASB Standard 029, <i>Report Writing in Wildlife Forensics: Morphology and Genetics</i> , First Edition, 2019 (SDO published standard added March 2, 2021)		
4. ANSI/ASB Standard 028, <i>Wildlife Forensics Morphology Standards</i> , First Edition, 2019 (SDO published standard added June 3, 2020)		
5. ANSI/ASB Standard 047, <i>Wildlife Forensics Validation Standard—Validating New Primers for Sequencing</i> , First Edition, 2019 (SDO published standard added June 3, 2020)		

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

FSSP Director: _____

Date: _____