

# OSAC Registry: Standards Implementation Status as of January 1, 2024

## ANTHROPOLOGY

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Best Practice Recommendation 089, <i>Facial Approximation in Forensic Anthropology</i> . 2020. 1st. Ed.	Sep 07, 2021	1
2. <a href="#">OSAC 2021-N-0010, Standard for Skeletal Preparation and Sampling in Forensic Anthropology</a>	Nov 07, 2023	0

## BIOLOGY/DNA

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Standard 018, <i>Standard for Validation of Probabilistic Genotyping Systems</i> . 2020. 1st. Ed.	May 04, 2021	43
2. ANSI/ASB Standard 020, <i>Standard for Validation Studies of DNA Mixtures, and Development and Verification of a Laboratory's Mixture Interpretation Protocol</i> . 2018. 1st. Ed.	May 12, 2020	56
3. ANSI/ASB Standard 022, <i>Standard for Forensic DNA Analysis Training Programs</i> . 2019. 1st. Ed.	Sep 01, 2020	57
4. ANSI/ASB Standard 023, <i>Standard for Training in Forensic DNA Isolation and Purification Methods</i> . 2020. 1st. Ed.	Aug 03, 2021	43
5. ANSI/ASB Standard 038, <i>Standard for Internal Validation of Forensic DNA Analysis Methods</i> . 2020. 1st. Ed.	May 02, 2023	11
6. ANSI/ASB Standard 040, <i>Standard for Forensic DNA Interpretation and Comparison Protocols</i> . 2019. 1st. Ed.	May 12, 2020	56
7. ANSI/ASB Standard 077, <i>Standard for the Developmental and Internal Validation of Forensic Serological Methods</i> . 2020. 1st. Ed.	Dec 06, 2022	10
8. ANSI/ASB Standard 110, <i>Standards for Training in Forensic Serological Methods</i> . 2020. 1st. Ed.	Aug 03, 2021	34
9. ANSI/ASB Best Practice Recommendation 114, <i>Internal Validation of Software Used in Forensic DNA Laboratories</i> . 2022. 1st. Ed.	Nov 07, 2023	0
10. ANSI/ASB Standard 115, <i>Standard for Training in Forensic Short Tandem Repeat Typing Methods Using Amplification, DNA Separation, and Allele Detection</i> . 2020. 1st. Ed.	Aug 03, 2021	33
11. ANSI/ASB Standard 116, <i>Standard for Training in Forensic DNA Quantification Methods</i> . 2020. 1st. Ed.	Aug 03, 2021	32
12. ANSI/ASB Standard 130, <i>Standard for Training in Forensic DNA Amplification Methods for Subsequent Capillary Electrophoresis Sequencing</i> . 2021. 1st. Ed.	Apr 05, 2022	6
13. ANSI/ASB Standard 131, <i>Standard for Training in Forensic DNA Sequencing Using Capillary Electrophoresis</i> . 2021. 1st. Ed.	Apr 05, 2022	4
14. ANSI/ASB Standard 140, <i>Standard for Training in Forensic Human Mitochondrial DNA Analysis, Interpretation, Comparison, Statistical Evaluation, and Reporting</i> . 2021. 1st. Ed.	Apr 05, 2022	0
15. <a href="#">OSAC 2020-N-0007, Best Practice Recommendations for the Management and Use of Quality Assurance DNA Elimination Databases in Forensic DNA Analysis</a>	Apr 06, 2021	18
16. <a href="#">OSAC 2020-S-0004, Standard for Interpreting, Comparing and Reporting DNA Test Results Associated with Failed Controls and Contamination Events</a>	Jun 01, 2021	12
17. <a href="#">OSAC 2021-S-0003, Standards for Setting Analytical and Stochastic Thresholds for Application to Forensic DNA Casework Using Electrophoresis Platforms</a>	Nov 07, 2023	0
18. <a href="#">OSAC 2021-S-0021, Forensic Autosomal STR DNA Statistical Analyses – General Protocol, Protocol Verification, and Case Record Requirements</a>	Jan 05, 2023	5
19. <a href="#">OSAC 2021-S-0028, Standard for Use of Serological Testing Methods Associated with Forensic Investigations</a>	Nov 01, 2022	5
20. <a href="#">OSAC 2021-S-0029, Standard for Familial DNA Searching</a>	Jan 05, 2023	0

# OSAC Registry - Standards Implementation Declaration

## BLOODSTAIN PATTERN ANALYSIS

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Standard 032, <i>Standards for a Bloodstain Pattern Analyst's Training Program</i> . 2020. 1st. Ed.	Jan 05, 2023	4
2. ASB Technical Report 033, <i>Terms and Definitions in Bloodstain Pattern Analysis</i> . 2017. 1st. Ed.	Jun 03, 2020	28
3. ANSI/ASB Standard 158, <i>Standard for Developing Standard Operating Procedures in Bloodstain Pattern Analysis</i> . 2023. 1st. Ed.	Nov 07, 2023	0
4. <a href="#">OSAC 2021-N-0039, Standard for a Mentorship Program in Bloodstain Pattern Analysis</a>	Apr 05, 2022	3
5. <a href="#">OSAC 2021-S-0011, Standards for the Technical Review of Bloodstain Pattern Analysis Reporting</a>	Apr 04, 2023	2
6. <a href="#">OSAC 2022-N-0010, Standard for Development of an Accredited Bloodstain Pattern Analyst Certification Program</a>	Dec 06, 2022	1
7. <a href="#">OSAC 2022-S-0030, Standard for Methodology for Bloodstain Pattern Analysis</a>	Jul 05, 2023	1

## CRIME SCENE INVESTIGATION & RECONSTRUCTION

Standard	Date added to OSAC Registry	Implemented
1. <a href="#">OSAC 2021-N-0015, Guiding Principles for Scene Investigation and Reconstruction</a>	Sep 07, 2021	19
2. <a href="#">OSAC 2021-N-0016, Standard for Initial Response at Scenes by Law Enforcement</a>	Sep 07, 2021	13
3. <a href="#">OSAC 2021-N-0019, Standard Practice for the Documentation and Processing of Shooting Scenes</a>	Nov 01, 2022	8
4. <a href="#">OSAC 2022-N-0025, Standard for Scene Response: Initial Response by Scene Investigators</a>	Oct 04, 2022	9
5. <a href="#">OSAC 2022-N-0035, Standard for On-Scene Collection and Preservation of Document Evidence</a>	Jan 05, 2023	6
6. <a href="#">OSAC 2023-N-0002, Standard for Scene Documentation Procedures</a>	Jan 03, 2024	0

## DIGITAL EVIDENCE

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E2916-19e1, <i>Standard Terminology for Digital and Multimedia Evidence Examination</i> (Note: Drafted in collaboration with OSAC's Facial Identification and VITAL Subcommittees and also noted below under these headings)	Jul 07, 2020	34
2. ANSI/ASTM E3017-19, <i>Standard Practice for Examining Magnetic Card Readers</i>	Jul 07, 2020	9
3. ANSI/ASTM E3150-18 (2023), <i>Standard Guide for Forensic Audio Lab Setup and Maintenance</i>	Jul 07, 2020	4
4. SWGDE 18-Q-001-1.0, <i>Minimum Requirements for Testing Tools Used in Digital and Multimedia Forensics</i>	Jun 06, 2023	2
5. SWGDE 22-F-002-1.0 <i>Best Practices for Chromebook Acquisition and Analysis</i>	Jun 06, 2023	1

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## DOGS & SENSORS

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Standard 024, <i>Standard for Training and Certification of Canine Detection of Humans: Location Check Using Pre-scented Canines</i> . 2021. 1st. Ed.	Oct 03, 2023	0
2. ASB Technical Report 025, <i>Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions</i> . 2017. 1st. Ed.	Oct 01, 2019	1
3. ANSI/ASB Standard 026, <i>Standard for Training and Certification of Canine Detection of Humans: An Aged Trail Using Pre-scented Canines</i> . 2021. 1st. Ed.	Oct 03, 2023	0
4. ANSI/ASB Standard 027, <i>Standard for Training and Certification of Canine Detection of Humans: Patrol Canine Team</i> . 2021. 1st. Ed.	Oct 03, 2023	0
5. ANSI/ASB Standard 085, <i>Standard for Detection Canine Selection, Kenneling, and Healthcare</i> . 2021. 1st. Ed.	Apr 05, 2022	1
6. ANSI/ASB Standard 088, <i>General Guidelines for Training, Certification, and Documentation of Canine Detection Disciplines</i> . 2020. 1st. Ed.	Apr 05, 2022	1
7. ANSI/ASB Standard 092, <i>Standard for Training and Certification of Canine Detection of Explosives</i> . 2021. 1st. Ed.	Dec 06, 2022	0

## FACIAL & IRIS IDENTIFICATION

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E2916-19e1, <i>Standard Terminology for Digital and Multimedia Evidence Examination</i> (Note: Drafted in collaboration with OSAC's Digital Evidence & VITAL Subcommittees and also noted under these headings)	Jul 07, 2020	34
2. ANSI/ASTM E3115-17, <i>Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems</i>	Oct 01, 2019	7
3. ANSI/ASTM E3148-18, <i>Standard Guide for Postmortem Facial Image Capture</i>	Oct 01, 2019	6
4. ANSI/ASTM E3149-18, <i>Standard Guide for Facial Image Comparison Feature List for Morphological Analysis</i>	Feb 14, 2019	8
5. <a href="#">OSAC 2020-S-0002, <i>Physical Stability of Facial Features of Adults</i></a> (Note: This is an annex to ASTM E3149-18, above)	Jun 01, 2021	7
6. <a href="#">OSAC 2021-N-0025, <i>Standard Guide for Printing Method Effects of Facial Comparisons</i></a>	May 02, 2023	4
7. <a href="#">OSAC 2021-N-0035, <i>Standard Guide for Scanning Facial Images for Manual Comparison</i></a>	Oct 04, 2022	4
8. <a href="#">OSAC 2022-S-0001, <i>Standard Guide for Image Comparison Opinions</i></a>	Jun 06, 2023	4
9. <a href="#">OSAC 2022-S-0007, <i>Standard Guide for Facial Comparison: Overview and Methodology Guidelines</i></a>	Dec 06, 2022	6

## FIRE & EXPLOSION INVESTIGATION

Standard	Date added to OSAC Registry	Implemented
1. NFPA 921:2021, <i>Guide for Fire and Explosion Investigation</i> (Note: This 2021 version replaced the previous 2017 version on the Registry)	Sep 06, 2022	3
2. NFPA 1033:2022, <i>Standard for Professional Qualifications for Fire Investigator</i> (Note: This 2022 version replaced the previous 2014 version on the Registry)	Sep 06, 2022	2

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## FIRE DEBRIS & EXPLOSIVES

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E1388-17, <i>Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples</i>	Dec 01, 2020	17
2. ANSI/ASTM E1412-19, <i>Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal</i>	Dec 01, 2020	30
3. ANSI/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>	Dec 01, 2020	4
4. ANSI/ASTM E2451-21, <i>Standard Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples</i>	Apr 05, 2022	17
5. ANSI/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>	Dec 01, 2020	4
6. ANSI/ASTM E3196-21, <i>Standard Terminology Relating to the Examination of Explosives</i>	Jul 05, 2022	1
7. ANSI/ASTM E3197-20, <i>Standard Terminology Relating to Examination of Fire Debris</i>	Apr 06, 2021	25
8. ANSI/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>	May 04, 2021	19
9. ANSI/ASTM E3253-21, <i>Standard Practice for Establishing an Examination Scheme for Intact Explosives</i>	Jul 05, 2022	5
10. ANSI/ASTM E3329-21, <i>Standard Practice for Establishing an Examination Scheme for Explosive Residues</i>	Jul 05, 2022	3
11. <a href="#">OSAC 2022-S-0023, Standard Practice for the Forensic Analysis of Explosives By Polarized Light Microscopy</a>	Jul 05, 2023	4

## FIREARMS & TOOLMARKS

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Best Practice Recommendation 060, <i>Barrel and Overall Length Measurements of Firearms</i> . 2021. 1st. Ed.	May 02, 2023	8
2. ANSI/ASB Standard 061, <i>Firearms and Toolmarks 3D Measurement Systems and Measurement Quality Control</i> . 2021. 1st. Ed.	Mar 01, 2022	3
3. ANSI/ASB Standard 062, <i>Standard for Topography Comparison Software for Toolmark Analysis</i> . 2021.1st. Ed.	Aug 02, 2022	2
4. ANSI/ASB Standard 063, <i>Implementation of 3D Technologies in Forensic Firearm and Toolmark Comparison Laboratories</i> . 2021. 1st. Ed.	Aug 02, 2022	3
5. ANSI/ASB Best Practice Recommendation 068, <i>Safe Handling of Firearms and Ammunition</i> . 2020. 1st. Ed.	Apr 06, 2021	64
6. ANSI/ASB Standard 093, <i>Standard Test Method for the Forensic Examination and Testing of Firearms</i> . 2020. 1st. Ed.	Nov 02, 2021	37
7. ANSI/ASB Standard 096, <i>Standard Method for the Examination and Documentation of Ammunition and Ammunition Components</i> . 2022. 1st. Ed.	Oct 03, 2023	0
8. ANSI/ASB Best Practice Recommendation 107, <i>Measuring Trigger Pull of a Firearm and Estimating Its Uncertainty</i> . 2022. 1st. Ed.	Sep 05, 2023	0
9. <a href="#">OSAC 2021-N-0012, Requirements and Recommendations for a Firearm and Toolmark Examiner Training Program</a>	Oct 04, 2022	4

# OSAC Registry - Standards Implementation Declaration

## FOOTWEAR & TIRE

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Best Practice Recommendation 021, <i>Test Impressions from Footwear and Tires</i> . 2019. 1st. Ed.	May 04, 2021	44
2. ANSI/ASB Best Practice Recommendation 049, <i>Lifting of Footwear and Tire Impressions</i> . 2020. 1st. Ed.	Sep 07, 2021	36
3. ANSI/ASB Best Practice Recommendation 050, <i>Photographic Documentation of Footwear and Tire Impression Evidence</i> . 2021. Errata 1, 2022.	Sep 05, 2023	0
4. ANSI/ASB Technical Report 051, <i>Scope of Work for a Footwear/Tire Examiner</i> . 2020. Errata 1, 2022.	Oct 03, 2023	0
5. ANSI/ASB Best Practice Recommendation 052, <i>Detection and Collection of Footwear and Tire Impression Evidence</i> . 2022. 1st. Ed.	Jul 05, 2023	8
6. ANSI/ASB Standard 095, <i>Standard for Minimum Qualifications and Training for a Footwear/Tire FSSP</i> . 2020. Errata 1, 2022.	Oct 03, 2023	0
7. ANSI/ASB Best Practice Recommendation 126, <i>Casting Footwear and Tire Impression Evidence at the Crime Scene</i> . 2020. Errata 1, 2022.	Apr 04, 2023	10

## FORENSIC DOCUMENT EXAMINATION

If this discipline is not performed in your

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Standard 011, <i>Scope of Expertise in Forensic Document Examination</i> . 2022. 1st. Ed.	Apr 04, 2023	1
2. ANSI/ASB Standard 044, <i>Standard for Examination of Documents for Indentations</i> . 2019. 1st. Ed.	Sep 05, 2023	0

## FRICTION RIDGE

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E3235-21, <i>Standard Practice for Latent Print Evidence Imaging Resolution</i> (Note: This standard was drafted by the Video/Imaging Technology & Analysis Subcommittee and is also included under that section below)	Jun 07, 2022	24
2. <a href="#">OSAC 2021-N-0020, Best Practice Recommendations for Limited Examinations</a>	Apr 05, 2022	18
3. <a href="#">OSAC 2022-N-0033, Standard for Processing Evidence for the Detection of Friction Ridge Impressions</a>	Sep 06, 2022	17
4. <a href="#">OSAC 2022-S-0012, Standard for Proficiency Testing in Friction Ridge Examination</a>	Jun 07, 2022	22
5. <a href="#">OSAC 2022-S-0038, Standard for Feature Selection in Friction Ridge Examination</a>	Sep 05, 2023	2

## GUNSHOT RESIDUE

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E1588-20, <i>Standard Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry</i>	Sep 07, 2021	10

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2. ANSI/ASTM E3309-21, <i>Standard Guide for Reporting of Forensic Primer Gunshot Residue (pGSR) Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS)</i>	Sep 06, 2022	5
3. <a href="#">OSAC 2021-N-0009, Standard Practice for the Collection and Preservation of Organic Gunshot Residue</a>	Dec 07, 2021	1
4. <a href="#">OSAC 2022-S-0002, Standard Practice for the Identification of Compounds Related to Organic Gunshot Residue (OGSR) by Gas Chromatography-Mass Spectrometry (GC-MS)</a>	Jan 05, 2023	0
5. <a href="#">OSAC 2022-S-0003, Standard Practice for the Identification of Compounds Related to Organic Gunshot Residue (OGSR) by Liquid Chromatography-Mass Spectrometry (LC-MS)</a>	Jan 05, 2023	0
6. <a href="#">OSAC 2023-N-0010, Standard Practice for the Collection of Primer Gunshot Residue (pGSR) Particles from Clothing, Vehicles, and Other Inanimate Objects Using Scanning Electron Microscopy (SEM) Stubs</a>	Nov 07, 2023	0

## MEDICOLEGAL DEATH INVESTIGATION

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Best Practice Recommendation 007, <i>Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases</i> . 2018. 1st. Ed.	Sep 05, 2019	9
2. ANSI/ASB Best Practice Recommendation 008, <i>Mass Fatality Scene Processing: Best Practice Recommendations for the Medicolegal Authority</i> . 2021. 1st. Ed.	Apr 05, 2022	4
3. ANSI/ASB Best Practice Recommendation 009, <i>Examination of Human Remains by Forensic Pathologists in the Disaster Victim Identification Context</i> . 2019. 1st. Ed.	Sep 07, 2021	3
4. ANSI/ASB Best Practice Recommendation 010, <i>Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority</i> . 2018. 1st. Ed.	Sep 05, 2019	8
5. ANSI/ASB Best Practice Recommendation 094, <i>Postmortem Impression Recovery: Guidance and Best Practices for Disaster Victim Identification</i> . 2021. 1st. Ed.	Apr 05, 2022	3
6. ANSI/ASB Standard 108, <i>Forensic Odontology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority</i> . 2021. 1st. Ed.	Oct 04, 2022	1
7. ANSI/ASB Standard 125, <i>Organizational and Foundational Standard for Medicolegal Death Investigation</i> . 2021. 1st. Ed.	Oct 04, 2022	0
8. <a href="#">OSAC 2021-N-0007, Media Communications Following a Mass Fatality Incident: Best Practice Recommendations for the Medicolegal Authority</a>	Aug 03, 2021	3
9. <a href="#">OSAC 2021-N-0008, Victim Accounting: Best Practice Recommendations for Medicolegal Authorities in Mass Fatality Management</a>	Aug 03, 2021	3
10. <a href="#">OSAC 2022-N-0020, Standard for Mass Fatality Incident Management</a>	Jan 05, 2023	0
11. <a href="#">OSAC 2022-N-0026, Medicolegal Death Investigation: Terms and Definitions</a>	Sep 06, 2022	0
12. <a href="#">OSAC 2022-N-0027, Medicolegal Death Investigation Response to Death Locations and Incident Scenes: Best Practice Recommendations</a>	Nov 01, 2022	0
13. <a href="#">OSAC 2023-N-0004, Standard for Interactions Between Medical Examiner, Coroner and All Other Medicolegal Death Investigation Agencies and Organ and Tissue Procurement Organizations and Eye Banks</a>	Mar 07, 2023	0
14. <a href="#">OSAC 2023-N-0022, Best Practice Recommendation for Communicating with Next of Kin during Medicolegal Death Investigations</a>	Sep 05, 2023	0

# OSAC Registry - Standards Implementation Declaration

## ODONTOLOGY

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ADA 1058-2010D, <i>Forensic Dental Data Set</i>	Feb 14, 2019	0
2. ADA 1077-2020, <i>Human Age Assessment by Dental Analysis</i>	Nov 02, 2021	1
3. ADA 1088-2017D, <i>Human Identification by Comparative Dental Analysis</i>	Mar 07, 2019	0
4. <a href="#">OSAC 2021-N-0030, <i>Terminology for a Suspected Pattern of Dental Origin</i></a>	Apr 05, 2022	0

## SEIZED DRUGS

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E1968-19, <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Cocaine</i>	Jul 06, 2021	4
2. ANSI/ASTM E1969-19, <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Methamphetamine and Amphetamine</i>	Jul 06, 2021	2
3. ANSI/ASTM E2125-19, <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Phencyclidine and its Analogues</i>	Jul 06, 2021	2
4. ANSI/ASTM E2329-17, <i>Standard Practice for Identification of Seized Drugs</i>	Aug 07, 2018	98
5. ANSI/ASTM E2548-16, <i>Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis</i> (Note: The 2016 version replaced the previous 2011 version on the Registry)	Jun 01, 2021	91
6. ANSI/ASTM E2882-19, <i>Standard Guide for Analysis of Clandestine Drug Laboratory Evidence</i>	Jul 06, 2021	22
7. ANSI/ASTM E3255-21, <i>Standard Practice for Quality Assurance of Forensic Science Service Providers Performing Forensic Chemical Analysis</i>	Nov 02, 2021	42
8. <a href="#">OSAC 2022-S-0013, <i>Standard Guide for Testimony in Seized Drugs Analysis</i></a>	Dec 06, 2022	14

## SPEAKER RECOGNITION

Standard	Date added to OSAC Registry	Implemented
1. AES 76-2022, <i>AES Standards for Audio Forensics - Speech Collection Guidelines for Speaker Recognition: Interviewing at a Temporary Location</i>	May 02, 2023	0

## TOXICOLOGY

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Standard 017, <i>Standard Practices for Measurement Traceability in Forensic Toxicology</i> . 2018. 1st. Ed.	Jun 18, 2019	57
2. ANSI/ASB Standard 036, <i>Standard Practices for Method Validation in Forensic Toxicology</i> . 2019. 1st. Ed.	Jul 07, 2020	54
3. ANSI/ASB Best Practice Recommendation 037, <i>Guidelines for Opinions and Testimony in Forensic Toxicology</i> . 2019. 1st. Ed.	Nov 05, 2019	58

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4. ANSI/ASB Standard 053, <i>Standard for Report Content in Forensic Toxicology</i> . 2020. 1st. Ed.	Mar 02, 2021	49
5. ANSI/ASB Standard 054, <i>Standard for a Quality Control Program in Forensic Toxicology Laboratories</i> . 2021. 1st. Ed.	Sep 06, 2022	20
6. ANSI/ASB Standard 098, <i>Standard for Mass Spectral Analysis in Forensic Toxicology</i> . 2023. 1st. Ed.	Nov 07, 2023	0
7. ANSI/ASB Standard 113, <i>Standard for Identification Criteria in Forensic Toxicology</i> . 2023. 1st. Ed.	Nov 07, 2023	0
8. ANSI/ASB Standard 119, <i>Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Blood in Medicolegal Death Investigations</i> . 2021. 1st. Ed.	Sep 06, 2022	7
9. ANSI/ASB Standard 120, <i>Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Blood in Impaired Driving Investigations</i> . 2021. 1st. Ed.	Sep 06, 2022	19
10. ANSI/ASB Standard 121, <i>Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Urine in Drug-Facilitated Crime Investigations</i> . 2021. 1st. Ed.	May 03, 2022	15
11. ANSI/ASB Standard 152, <i>Standard for the Minimum Content Requirements of Forensic Toxicology Procedures</i> . 2021. 1st. Ed.	Sep 06, 2022	19

## TRACE EVIDENCE

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E1610-18, <i>Standard Guide for Forensic Paint Analysis and Comparison</i>	Jun 26, 2018	32
2. ANSI/ASTM E1967-19, <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>	Jul 07, 2020	20
3. ANSI/ASTM E2225-23, <i>Standard Guide for Forensic Examination of Fabrics and Cordage</i>	Oct 03, 2023	0
4. ANSI/ASTM E2227-23e1, <i>Guide for Forensic Examination of Dyes in Textile Fibers by Thin-Layer Chromatography</i>	Oct 03, 2023	0
5. ANSI/ASTM E2228a-23, <i>Standard Guide for Microscopical Examination of Textile Fibers</i>	Oct 03, 2023	0
6. ANSI/ASTM E2330-19, <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>	Jul 07, 2020	0
7. ANSI/ASTM E2808-21a, <i>Standard Guide for Microspectrophotometry in Forensic Paint Analysis</i>	Feb 01, 2022	11
8. ANSI/ASTM E2809-22, <i>Standard Guide for Using Scanning Electron Microscopy/Energy Dispersive X-Ray Spectroscopy (SEM/EDS) in Forensic Polymer Examinations</i>	Oct 04, 2022	8
9. ANSI/ASTM E2926-17, <i>Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (<math>\mu</math>-XRF) Spectrometry</i>	Jul 31, 2017	15
10. ANSI/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>	Jun 05, 2018	1
11. ANSI/ASTM E2937-18, <i>Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations</i>	Jun 26, 2018	32
12. ANSI/ASTM E3085-17, <i>Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations</i>	Sep 11, 2018	23
13. ANSI/ASTM E3233-20, <i>Standard Practice for Forensic Tape Analysis Training Program</i>	Nov 03, 2020	21



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14. ANSI/ASTM E3234-20, <i>Standard Practice for Forensic Paint Analysis Training Program</i>	Nov 03, 2020	32
15. ANSI/ASTM E3254-23, <i>Standard Practice for Use of Color in the Visual Examination and Forensic Comparison of Soil Samples</i>	Oct 03, 2023	0
16. ANSI/ASTM E3260-21, <i>Standard Guide for Forensic Examination and Comparison of Pressure Sensitive Tapes</i>	Oct 05, 2021	13
17. ANSI/ASTM E3272-21, <i>Standard Guide for Collection of Soils and Other Geological Evidence for Criminal Forensic Applications</i>	Sep 07, 2021	2
18. ANSI/ASTM E3294-22, <i>Standard Guide for Forensic Analysis of Geological Materials by Powder X-Ray Diffraction</i>	Dec 06, 2022	0
19. ANSI/ASTM E3296-22, <i>Standard Guide for Using Pyrolysis Gas Chromatography and Pyrolysis Gas Chromatography-Mass Spectrometry in Forensic Polymer Examinations</i>	Oct 04, 2022	11
20. ANSI/ASTM E3316-22, <i>Standard Guide for Forensic Examination of Hair by Microscopy</i>	Apr 04, 2023	4
21. <a href="#">OSAC 2022-N-0018, Standard Practice for a Forensic Fiber Training Program</a>	Jan 05, 2023	9
22. <a href="#">OSAC 2022-S-0015, Standard Guide for Forensic Physical Fit Examination</a>	Nov 01, 2022	8
23. <a href="#">OSAC 2022-S-0017, Standard Guide for Microspectrophotometry in Forensic Fiber Analysis</a>	Apr 04, 2023	3
24. <a href="#">OSAC 2022-S-0019, Standard Guide for Forensic Examination of Fibers</a>	Apr 04, 2023	3
25. <a href="#">OSAC 2023-N-0011, Standard Practice for a Physical Fit Analysis Training Program</a>	Nov 07, 2023	0
26. <a href="#">OSAC 2023-N-0027, Standard Guide for Forensic Trace Evidence Recovery</a>	Jan 03, 2024	0

## VIDEO/IMAGING TECHNOLOGY & ANALYSIS

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASTM E2916-19e1, <i>Standard Terminology for Digital and Multimedia Evidence Examination</i> (Note: Drafted in collaboration with OSAC's Digital Evidence and Facial Identification Subcommittees and also noted under these headings)	Jul 07, 2020	34
2. ANSI/ASTM E3235-21, <i>Standard Practice for Latent Print Evidence Imaging Resolution</i>	Jun 07, 2022	24
3. <a href="#">OSAC 2021-S-0013, Standard Guide for Post Mortem Examination Photography</a>	Mar 01, 2022	5
4. <a href="#">OSAC 2021-S-0027, Standard Guide for Laboratory Photography</a>	Jul 05, 2022	5
5. <a href="#">OSAC 2021-S-0037, Standard Guide for Forensic Photogrammetry</a>	Apr 04, 2023	0
6. <a href="#">OSAC 2022-S-0001, Standard Guide for Image Comparison Opinions</a>	Jun 06, 2023	4
7. <a href="#">OSAC 2022-S-0031, Standard Guide for Forensic Digital Video Examination Workflow</a>	Jan 03, 2024	0
8. <a href="#">OSAC 2023-N-0001, Standard Practice for Training in the Areas of Video Analysis, Image Analysis, and Photography</a>	Jul 05, 2023	5
9. <a href="#">OSAC 2023-S-0006, Standard Guide for Photographing Scars, Marks, and Tattoos</a>	Sep 05, 2023	0

# OSAC Registry - Standards Implementation Declaration

## WILDLIFE FORENSIC BIOLOGY

Standard	Date added to OSAC Registry	Implemented
1. ANSI/ASB Standard 019, <i>Wildlife Forensics General Standards</i> . 2019. 1st. Ed.	Mar 02, 2021	4
2. ANSI/ASB Standard 028, <i>Wildlife Forensics Morphology Standards</i> . 2019. 1st. Ed.	Jun 03, 2020	4
3. ANSI/ASB Standard 029, <i>Report Writing in Wildlife Forensics: Morphology and Genetics</i> . 2019. 1st. Ed.	Mar 02, 2021	3
4. ANSI/ASB Standard 047, <i>Wildlife Forensics Validation Standard—Validating New Primers for Sequencing</i> . 2019. 1st. Ed.	Jun 03, 2020	5
5. ANSI/ASB Standard 138, <i>Standard for Collection of Known DNA Samples from Domestic Mammals</i> . 2022. 1st. Ed.	Nov 07, 2023	0
6. <a href="#">OSAC 2021-S-0006</a> , <i>Standard for the Use of GenBank for Taxonomic Assignment of Wildlife</i>	Nov 02, 2021	2

## INTERDISCIPLINARY

Standard	Date added to OSAC Registry	Implemented
1. ANSI/NIST ITL-1:2011 (Update 2015), <i>Data Format for the Interchange of Fingerprint, Facial &amp; Other Biometric Information</i>	Nov 03, 2020	28
2. ANSI/ASTM E2917-19a, <i>Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs</i>	Nov 05, 2019	87
3. ANSI/ASTM E3255-21, <i>Standard Practice for Quality Assurance of Forensic Science Service Providers Performing Forensic Chemical Analysis</i>	Nov 02, 2021	42
4. ISO/IEC 17020:2012, <i>Conformity Assessment—Requirements for the Operation of Various Types of Bodies Performing Inspection</i>	Apr 18, 2017	8
5. ISO/IEC 17025:2017, <i>General Requirements for the Competence of Testing and Calibration Laboratories</i>	Jun 18, 2019	93
6. ISO/IEC 21043-2, <i>Forensic Sciences - Part 2: Recognition, recording, collecting transport and storage of items</i>	Dec 03, 2019	53

As of January 3, 2024 the OSAC Registry contains 178 standards (124 published and 54 OSAC Proposed) representing over 20 forensic science disciplines.