



Purpose

The purpose of this spreadsheet is to help give crime laboratories and other interested organizations a better idea of the documents available for implementation on the OSAC Registry and where other OSAC documents are in the development and implementation process.

Key

Tier 1 - Document on the OSAC Registry; approved by OSAC with highest level of vetting

Tier 2 - OSAC supported document published by an SDO; completed SDO consensus process

Tier 3 - OSAC draft document sent to an SDO for development; drafted with input from Resource Committees and approved by SAC

Tier 4 - Working draft document inside OSAC development process and not yet publicly available

* = Currently in OSAC Registry Approval Process

Subcommittee	Standard	Effective Date
Disaster Victim Identification	ASB Best Practice Recommendation 007, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases	9/5/2019
Disaster Victim Identification	ASB Best Practice Recommendation 010, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority	9/5/2019
Dogs & Sensors	ASB 025, Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions, First Edition, 2017	10/1/2019
Facial Identification	ASTM E3149-18 Standard Guide for Facial Image Comparison Feature List for Morphological Analysis	2/14/2019
Facial Identification	ASTM E3155-17 Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems	10/1/2019
Facial Identification	ASTM E3148-18 Standard Guide for Postmortem Facial Image Capture	10/1/2019
Fire and Explosion Investigation	NFPA 921:2017 Guide for Fire and Explosion Investigation	11/1/2017
Fire and Explosion Investigation	NFPA 1033:2014 Standard for Professional Qualifications for Fire Investigators	12/22/2016
Materials (Trace)	ASTM E1610-18 Standard Guide for Forensic Paint Analysis and Comparison	6/26/2018
Materials (Trace)	ASTM E2926-17 Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence Spectrometry	7/31/2017
Materials (Trace)	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	6/5/2018
Materials (Trace)	ASTM E2937-18 Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations	6/26/2018
Materials (Trace)	ASTM E3085-17 Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations	9/11/2018
Odontology	ANSI/ADA 1058-2010D Forensic Dental Data Set	2/14/2019
Odontology	ADA 1088-2017D Human Identification by Comparative Dental Analysis	3/7/2019
Seized Drugs	ASTM E2329-17 Standard Practice for Identification of Seized Drugs	8/7/2018
Seized Drugs	ASTM E2548-11e1 Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis	4/3/2017
Toxicology	ASB 017, Standard Practices for Measurement Traceability in Forensic Toxicology, First Edition, 2018	6/18/2019
Toxicology	ASB 037, Guidelines for Opinions and Testimony in Forensic Toxicology, First Edition, 2019	11/5/2019
Interdisciplinary (Virtual Subcommittee)	ANSI/NIST ITL-1:2011 (Update 2013) Data Format for the Interchange of Fingerprint, Facial and Other Biometric Information	7/13/2017
Interdisciplinary (Virtual Subcommittee)	ISO/IEC 17020:2012 Conformity Assessment - Requirements for the Operation of Various Types of Bodies Performing Inspection	4/18/2017
Interdisciplinary (Virtual Subcommittee)	ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories	9/27/2016
Interdisciplinary (Virtual Subcommittee)	ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories	6/18/2019
Interdisciplinary (Virtual Subcommittee)	ASTM E2917-19a Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs	11/5/2019
Interdisciplinary (Virtual Subcommittee)	ISO 21043-2 Forensic Sciences - Part 2: Recognition, recording, collecting, transport and storage of items	12/3/2019

OSAC Standards Activities: Tier 1-3

Subcommittee	Status	Document Title
Anthropology	TIER 2 - published by SDO	ASB 045, Standard for Stature Estimation in Forensic Anthropology, First Edition, 2019
Anthropology	TIER 3 - at SDO	ASB 089, Facial Approximation in Forensic Anthropology
Anthropology	TIER 3 - at SDO	ASB 090, Standard for Sex Estimation in Forensic Anthropology
Anthropology	TIER 3 - at SDO	(ASB) Standard for Stature Estimation from Human Remains
Anthropology	TIER 3 - at SDO	ASB 132, Standard for Ancestry Estimation in Forensic Anthropology
Anthropology	TIER 3 - at SDO	ASB 133, Standard for Age Estimation in Forensic Anthropology
Anthropology	TIER 3 - at SDO	ASB 134, Standard for Identifying and Describing Pathological Conditions and Anomalies in Forensic Anthropology
Anthropology	TIER 3 - at SDO	ASB 135, Best Practice Recommendations for Anthropology Scene Detection and Processing
Bio. Data Interpretation & Reporting	TIER 3 - at SDO	ASB 018, Validation Standards for Probabilistic Genotyping Systems
Bio. Data Interpretation & Reporting	TIER 2 - published by SDO*	ASB 020, Standards for Validation Studies of DNA Mixtures, and Development and Verification of a Laboratory's Mixture Interpretation Protocol, First Edition, 2018
Bio. Data Interpretation & Reporting	TIER 2 - published by SDO*	ASB 040, Standard for Forensic DNA Interpretation and Comparison Protocols
Bio. Data Interpretation & Reporting	TIER 3 - at SDO	ASB 041, Assigning Propositions for Likelihood Ratios in Forensic DNA Interpretations
Bio. Data Interpretation & Reporting	TIER 3 - at SDO	ASB 114, Best Practice Recommendation for Validation of Forensic DNA Software
Bio. Data Interpretation & Reporting	TIER 3 - at SDO	ASB 123, Standard for Internal Evaluation of a Laboratory's DNA Mixture Interpretation Protocol
Biological Methods	TIER 2 - published by SDO	ASB 022, Standard for Forensic DNA Analysis Training Programs
Biological Methods	TIER 3 - at SDO	ASB 023, Standard for Training of Forensic DNA Isolation and Purification Methods
Biological Methods	TIER 3 - at SDO	ASB 038, Standard for Internal Validation of Forensic DNA Analysis Methods
Biological Methods	TIER 3 - at SDO	ASB 039, Standard for Internal Validation of Human STR Profiling on CE Platforms
Biological Methods	TIER 3 - at SDO	ASB 077, Standard for the Developmental and Internal Validation of Forensic Serological Methods
Biological Methods	TIER 3 - at SDO	ASB 110, Standard for Training in Forensic Serological Methods
Biological Methods	TIER 3 - at SDO	ASB 115, Standard for Training of Forensic STR Typing Methods Using PCR Amplification, DNA Separation, & Allele Detection
Biological Methods	TIER 3 - at SDO	ASB 116, Standard for Training of Forensic DNA Quantification Methods
Biological Methods	TIER 3 - at SDO	ASB 129, Best Practice Recommendations for Internal Validation of Human STR Profiling on CE Platforms (complements ASB 039)
Biological Methods	TIER 3 - at SDO	ASB 130, Standard for Training in Forensic DNA Amplification Methods for Capillary Electrophoresis Sequencing
Biological Methods	TIER 3 - at SDO	ASB 131, Standard for Training in Forensic DNA Sequencing using Capillary Electrophoresis
Biological Methods	TIER 3 - at SDO	ASB 136, Forensic Laboratory Standards for Prevention, Monitoring, and Mitigation of DNA Contamination
Biological Methods	TIER 3 - at SDO	ASB NWP20, Standards for the Analytical Procedures and Report Writing of Forensic Serological Methods
Bloodstain Pattern Analysis	TIER 3 - at SDO	ASB 030, Standard for a Quality Assurance Program in Bloodstain Pattern Analysis
Bloodstain Pattern Analysis	TIER 3 - at SDO	ASB 031, Guidelines for Report Writing in Bloodstain Pattern Analysis, First Edition
Bloodstain Pattern Analysis	TIER 3 - at SDO	ASB 032, Standards for Minimum Training and Education Requirements for Bloodstain Pattern Analysts
Bloodstain Pattern Analysis	TIER 2 - published by SDO	ASB 033, Terms and Definitions in Bloodstain Pattern Analysis, First Edition, 2017
Bloodstain Pattern Analysis	TIER 2 - published by SDO	ASB 072, Standard for the Validation of Procedures in Bloodstain Pattern Analysis, First Edition, 2019
Crime Scene Investigation	TIER 2 - published by SDO*	ASTM E620-11(18) Standard Practice for Reporting Opinions of Scientific or Technical Experts
Crime Scene Investigation	TIER 2 - published by SDO*	ASTM E678-07(13) Standard Practice for Evaluation of Scientific or Technical Data
Crime Scene Investigation	TIER 2 - published by SDO*	ASTM E860-07(13)e2 Standard Practice for Examining and Preparing Items that are or may Become Involved in Criminal or Civil Litigation
Crime Scene Investigation	TIER 2 - published by SDO*	ASTM E1020-13e1 Standard Practice for Reporting Incidents that may Involve Criminal or Civil Litigation (currently under revision as WK66161)
Crime Scene Investigation	TIER 2 - published by SDO*	ASTM E1188-11(17) Standard Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator
Crime Scene Investigation	TIER 2 - published by SDO*	ASTM E1459-13(18) Standard Guide for Physical Evidence Labeling and Related Documentation
Crime Scene Investigation	TIER 3 - at SDO	ASTM E1843-16 Standard Guide for Sexual Assault Investigation, Examination, and Evidence (revision to existing ASTM document)
Crime Scene Investigation	TIER 3 - at SDO	ASTM E2123-16 Transmittal of Evidence in Sexual Assault Investigation (revision to existing ASTM document)
Crime Scene Investigation	TIER 3 - at SDO	ASTM E2124-15 Specification for Equipment and Supplies in Sexual Assault Investigation (revision to existing ASTM document)
Crime Scene Investigation	TIER 3 - at SDO	ASTM WK67866 Standard Practice for Crime Scene Investigator Training, Continuing Education, Professional Development, Certification, and Accreditation
Digital Evidence	TIER 2 - published by SDO	ASTM E3016-18 Standard Guide for Establishing Confidence in Digital and Multimedia Forensic Results by Error Mitigation Analysis
Digital Evidence	TIER 2 - published by SDO	ASTM E2916-19e1 Standard Terminology for Digital and Multimedia Evidence Examination
Digital Evidence	TIER 2 - published by SDO	ASTM E3017-15 Standard Practice for Examining Magnetic Card Readers
Digital Evidence	TIER 2 - published by SDO	ASTM E3150-18 Standard Guide for Forensic Audio Laboratory Setup and Maintenance
Digital Evidence	TIER 2 - published by SDO	ASTM E2916 Standard Terminology for Digital and Multimedia Evidence Examination
Digital Evidence	TIER 2 - published by SDO	ASTM E3046-15 Standard Guide for Core Competencies for Mobile Phone Forensics
Digital Evidence	TIER 2 - published by SDO	ASTM E2678-09(2014) Standard Guide for Education and Training in Computer Forensics
Digital Evidence	TIER 3 - at SDO	ASTM WK63926 Standard Guide for Repair and Recovery of Damaged Audio Media
Digital Evidence	TIER 3 - at SDO	ASTM WK66298 Forensic Audio Examination Workflow

Digital Evidence	TIER 3 - at SDO	ASTM WK67924 Core Competencies for Forensic Audio
Disaster Victim Identification	TIER 1 - on OSAC Registry	ASB 007, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases, First Edition, 2018
Disaster Victim Identification	TIER 1 - on OSAC Registry	ASB 010, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority, First Edition, 2018
Disaster Victim Identification	TIER 2 - published by SDO	ASB 006, Best Practice Recommendations for DNA Analysis for Human Identification in Mass Fatality Incidents, First Edition, 2019
Disaster Victim Identification	TIER 2 - published by SDO	ASB 009, Best Practice Recommendations for the Examination of Human Remains by Forensic Pathologists in the Disaster Victim Identification Context, First Edition, 2019
Disaster Victim Identification	TIER 3 - at SDO	ASB 005, Mass Fatality Incident Data Management: Best Practice Recommendations for the Medicolegal Authority
Disaster Victim Identification	TIER 3 - at SDO	ASB 008, Mass Fatality Scene Processing: Best Practice Recommendations for the Medicolegal Authority
Disaster Victim Identification	TIER 3 - at SDO	Postmortem Fingerprint Recovery: Guidance and Best Practices for Disaster Victim Identification
Disaster Victim Identification	TIER 3 - at SDO	ASB 108, Forensic Odontology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority
Dogs & Sensors	TIER 1 - on OSAC Registry	ASB 025, Crime Scene/Death Investigation – Dogs and Sensors – Terms and Definitions, First Edition, 2017
Dogs & Sensors	TIER 3 - at SDO	ASB 027, Crime Scene/Death Investigation Dogs and Sensors - Patrol Dogs: Tracking/Trailing/Area Search/Building Search/Evidence Search of One or More Persons Based on Last Known Position
Dogs & Sensors	TIER 3 - at SDO	ASB 084, Presentation of Canine Detection Evidence in Court
Dogs & Sensors	TIER 3 - at SDO	ASB 088, General Guidelines for Training, Certification, and Documentation of Canine Detection Disciplines
Facial Identification	TIER 1 - on OSAC Registry	ASTM E3149-18 Standard Guide for Facial Image Comparison Feature List for Morphological Analysis
Facial Identification	TIER 1 - on OSAC Registry	ASTM E3115-17 Standard Guide for Capturing Images for Use with Facial Recognition Systems
Facial Identification	TIER 1 - on OSAC Registry	ASTM E3148-18 Standard Guide for Postmortem Facial Image Capture
Facial Identification	TIER 3 - at SDO	ASTM WK69795 Guide for Role Based Training in Facial Comparison
Fire Debris & Explosives	TIER 2 - published by SDO	ASTM E1412-16 Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Active Charcoal (see WK51929 for proposed revision)
Fire Debris & Explosives	TIER 2 - published by SDO	ASTM E1413-19 Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbant Tube
Fire Debris & Explosives	TIER 2 - published by SDO	ASTM E3189-19 Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube
Fire Debris & Explosives	TIER 3 - at SDO	ASTM WK56043 Terminology (related to fire debris)
Fire Debris & Explosives	TIER 3 - at SDO	ASTM WK56998 Terminology (relating to the examination of explosives)
Fire Debris & Explosives	TIER 3 - at SDO	ASTM WK64631 Standard Guide for a Systematic Approach to the Analysis of Ignitable Liquids
Fire Debris & Explosives	TIER 3 - at SDO	ASTM WK67862 Standard Practice for the Forensic Examination and Identification of Intact Explosives
Fire & Explosion Investigation	TIER 1 - on OSAC Registry	NFPA 921:2017 Guide for Fire and Explosion Investigation
Fire & Explosion Investigation	TIER 1 - on OSAC Registry	NFPA 1033:2014 Standard for Professional Qualifications for Fire Investigators
Fire & Explosion Investigation	TIER 3 - at SDO	Standard for the Organization and Operation of Fire Investigation Units
Firearms & Toolmarks	TIER 3 - at SDO	ASB 060, Guidelines for Barrel and Overall Length Measurements for Firearms
Firearms & Toolmarks	TIER 3 - at SDO	ASB 061, Firearms and Toolmarks 3D Measurement Systems and Measurement Quality Control
Firearms & Toolmarks	TIER 3 - at SDO	ASB 062, Standard for Topography Comparison Software for Firearm and Toolmark Analysis
Firearms & Toolmarks	TIER 3 - at SDO	ASB 063, Implementation of 3D Technologies in Forensic Firearm and Toolmark Comparison Laboratories
Firearms & Toolmarks	TIER 3 - at SDO	ASB 068, Safe Handling of Firearms and Ammunition during Forensic Analysis
Firearms & Toolmarks	TIER 3 - at SDO	ASB 093, Test Method for the Examination and Testing of Firearms
Firearms & Toolmarks	TIER 3 - at SDO	ASB 096, Standard Method for the Examination and Documentation of Ammunition and Ammunition Components
Firearms & Toolmarks	TIER 3 - at SDO	ASB 100, Range of Conclusions and Criteria in Toolmark Examinations
Firearms & Toolmarks	TIER 3 - at SDO	ASB 105, Minimum Education Requirements for Firearm and Toolmark Examiner Trainees (new standard)
Firearms & Toolmarks	TIER 3 - at SDO	ASB 124, Minimum Requirements and Recommendations for a Firearm and Toolmark Examiner Training Program
Footwear & Tire	TIER 2 - published by SDO	ASB 021, Guideline for the Preparation of Test Impressions from Footwear and Tires
Footwear & Tire	TIER 2 - published by SDO*	ASB 097, Terminology Used for Forensic Footwear and Tire Evidence
Footwear & Tire	TIER 3 - at SDO	ASB 049, Best Practice Recommendation for the Lifting of Footwear and Tire Impression Evidence
Footwear & Tire	TIER 3 - at SDO	ASB 050, Best Practice Recommendation for the Documentation and Photography Documentation of Footwear and Tire Evidence
Footwear & Tire	TIER 3 - at SDO	ASB 051, Scope of work for a Footwear and Tire Examiner Technical Report
Footwear & Tire	TIER 3 - at SDO	ASB 052, Best Practice Recommendation for the Detection of Footwear and Tire Impression Evidence
Footwear & Tire	TIER 3 - at SDO	ASB 095, Standard for Minimum Qualifications and Training for a Footwear/Tire Forensic Science Service Provider
Footwear & Tire	TIER 3 - at SDO	ASB 099, Standard for Footwear/Tire Examination Proficiency Testing Program
Footwear & Tire	TIER 3 - at SDO	ASB 126, Best Practice Recommendation for Casting of Footwear and Tire Impression Evidence
Footwear & Tire	TIER 3 - at SDO	ASB 137, Standard for Examination and Documentation of Footwear and Tire Impression Evidence
Forensic Document Examination	TIER 3 - at SDO	ASB 011, Scope of Expertise in Forensic Document Examination
Forensic Document Examination	TIER 3 - at SDO	ASB 035, Standard for the Examination of Documents for Alterations
Forensic Document Examination	TIER 3 - at SDO	ASB 044, Standard for Examination of Documents for Indentations
Forensic Document Examination	TIER 3 - at SDO	ASB 071, Forensic Document Examination Terms and Reference
Forensic Document Examination	TIER 3 - at SDO	ASB 117, Examination of Stamping Devices and Stamp Impressions

Friction Ridge	TIER 3 - at SDO	ASB 012, Best Practice Recommendation for Articulating a Source Identification in Friction Ridge Examinations
Friction Ridge	TIER 3 - at SDO	ASB 013, Standard for Friction Ridge Examination Conclusions
Friction Ridge	TIER 3 - at SDO	ASB 014, Standard for Friction Ridge Examination Training Program
Friction Ridge	TIER 3 - at SDO	(ASB) Best Practice Recommendations for Technical Review in Friction Ridge Identification
Friction Ridge	TIER 3 - at SDO	(ASB) Best Practice Recommendations for the Resolution of Conflicts in the Course of Friction Ridge Examination
Friction Ridge	TIER 3 - at SDO	(ASB) Best Practice Recommendations for the Verification Component in Friction Ridge Examinations
Geological Materials	TIER 3 - at SDO	ASTM WK70035 Practice for Determination and Comparison of Color by Visual Observation in Forensic Soil Examination
Geological Materials	TIER 3 - at SDO	ASTM WK70187 Standard Guide for the Collection of Soils and Other Geological Evidence for Forensic Applications
Gunshot Residue	TIER 3 - at SDO	ASTM E1588-17 Standard Guide for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry
Gunshot Residue	TIER 3 - at SDO	ASTM WK58457 Training in the Forensic Examination of GSR using Scanning Electron Microscopy-Energy Dispersive X-ray Spectrometry
Materials (Trace)	TIER 1 - on OSAC Registry	ASTM E1610-18 Standard Guide for Forensic Paint Analysis and Comparison
Materials (Trace)	TIER 1 - on OSAC Registry	ASTM E2926-17 Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence Spectrometry
Materials (Trace)	TIER 1 - on OSAC Registry	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
Materials (Trace)	TIER 1 - on OSAC Registry	ASTM E2937-18 Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations
Materials (Trace)	TIER 1 - on OSAC Registry	ASTM E3085-17 Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations
Materials (Trace)	TIER 2 - published by SDO*	ASTM E2224-19 Standard Guide for Forensic Analysis of Fibers by Infrared Spectroscopy
Materials (Trace)	TIER 2 - published by SDO*	ASTM E2228-19 Standard Guide for Microscopical Examination of Textile Fibers
Materials (Trace)	TIER 2 - published by SDO*	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
Materials (Trace)	TIER 2 - published by SDO*	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
Materials (Trace)	TIER 3 - at SDO	ASTM E2808 Standard Guide for Microspectrophotometry in Forensic Paint Analysis
Materials (Trace)	TIER 3 - at SDO	ASTM WK56743 Standard Practice for a Forensic Hair Analysis Training Program
Materials (Trace)	TIER 3 - at SDO	ASTM WK64632 Standard Practice for a Forensic Paint Analysis Training Program
Materials (Trace)	TIER 3 - at SDO	ASTM WK64633 Standard Practice for a Forensic Tape Analysis Training Program
Materials (Trace)	TIER 3 - at SDO	(ASTM) Standard Guide for Forensic Human Hair Analysis and Comparison
Materials (Trace)	TIER 3 - at SDO	ASTM E2225 Standard Guide for Forensic Examination of Fabrics and Cordage
Medicolegal Death Investigation	TIER 3 - at SDO	ASB 125, Organizational and Foundational Standard for Medicolegal Death Investigation
Odontology	TIER 1 - on OSAC Registry	ANSI/ADA 1058-2010D Forensic Dental Data Set
Odontology	TIER 1 - on OSAC Registry	ADA 1088-2017D Human Identification by Comparative Dental Analysis
Odontology	TIER 3 - at SDO	ADA 1077-201x Human Age Assessment by Dental Analysis
Odontology	TIER 3 - at SDO	ISO 20888 Dentistry - Terminology for Forensic Oro-Dental Data
Seized Drugs	TIER 1 - on OSAC Registry	ASTM E2329-17 Standard Practice for Identification of Seized Drugs
Seized Drugs	TIER 1 - on OSAC Registry	ASTM E2548-11e1 Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis
Seized Drugs	TIER 3 - at SDO	ASTM E2764 Standard Practice for Uncertainty Assessment in the Context of Seized-Drug Analysis
Seized Drugs	TIER 3 - at SDO	ASTM WK65067 Practice for Assessment of Gas Chromatography and Electron Ionization Mass Spectrometry Data During the Qualitative Analysis of Seized Drugs
Seized Drugs	TIER 3 - at SDO	ASTM E2326-14 Standard Practice for Education and Training in Seized Drugs (revision to existing standard)
Speaker Recognition	TIER 3 - at SDO	Acoustical Society of America (ASA) Speech Collection Guideline for Speaker Recognition: Audio Collection at a Temporary Location
Speaker Recognition	TIER 3 - at SDO	ANSI/NIST-ITL Guidelines for The Exchange of Speech Files for Use in Speaker Recognition Using ANSI/NIST-ITL Transactions
Toxicology	TIER 1 - on OSAC Registry	ASB 017, Standard Practices for Measurement Traceability in Forensic Toxicology, First Edition, 2018
Toxicology	TIER 1 - on OSAC Registry	ASB 037, Guidelines for Opinions and Testimony in Forensic Toxicology, First Edition, 2019
Toxicology	TIER 2 - published by SDO	ASB 036, Standard Practices for Method Validation in Forensic Toxicology
Toxicology	TIER 3 - at SDO	ASB 053, Standard for Report Content in Forensic Toxicology
Toxicology	TIER 3 - at SDO	ASB 054, Standard for a Quality Control Program in Forensic Toxicology Laboratories
Toxicology	TIER 3 - at SDO	ASB 055, Standard for Breath Alcohol Measuring Instrument Calibration
Toxicology	TIER 3 - at SDO	ASB 098, Standard for Mass Spectral Data Acceptance in Forensic Toxicology
Toxicology	TIER 3 - at SDO	ASB 113, Standard for Identification Criteria in Forensic Toxicology
Toxicology	TIER 3 - at SDO	ASB 119, Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing in Medicolegal Death Investigations
Toxicology	TIER 3 - at SDO	ASB 120, Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing in Impaired Driving Investigations
Toxicology	TIER 3 - at SDO	ASB 121, Standard for the Analytical Scope and Sensitivity of Forensic Toxicology Urine Testing in Drug-Facilitated Crime Investigations
Video/Imaging Technology & Analysis	TIER 2 - published by SDO*	ASTM E2825-19 Standard Guide for Forensic Digital Image Processing
Video/Imaging Technology & Analysis	TIER 3 - at SDO	ASTM WK61709 Standard Practice for Data Retrieval from Digital CCTV System
Video/Imaging Technology & Analysis	TIER 3 - at SDO	ASTM WK66357 Guide for Standard Guide for Latent Print Evidence Imaging Resolution
Video/Imaging Technology & Analysis	TIER 3 - at SDO	ASTM WK66417 Guide for Training Guidelines for Video Analysis, Image Analysis and Photography

Video/Imaging Technology & Analysis	TIER 3 - at SDO	ASTM WK69872 Standard Guide for Crime Scene Photography
Wildlife Forensics	TIER 2 - published by SDO	ASB 019, Wildlife Forensics General Standards, First Edition, 2019
Wildlife Forensics	TIER 2 - published by SDO	ASB 028, Wildlife Forensics Morphology Standards, First Edition, 2019
Wildlife Forensics	TIER 2 - published by SDO	ASB 029, Report Writing in Wildlife Forensics, Morphology and Genetics, First Edition, 2019
Wildlife Forensics	TIER 2 - published by SDO	ASB 046 Wildlife Forensics Validation Standards—STR Analysis, First Edition, 2019
Wildlife Forensics	TIER 2 - published by SDO	ASB 047, Wildlife Forensics Validation Standard—Validating New Primers for Sequencing, First Edition, 2019
Wildlife Forensics	TIER 2 - published by SDO	ASB 048 Wildlife Forensic DNA Standard Procedures, First Edition, 2019
Wildlife Forensics	TIER 3 - at SDO	ASB 106, Wildlife Forensic-Protein Serology Method for Taxonomic Identification
Wildlife Forensics	TIER 3 - at SDO	ASB 111, Standard for Training in Mitochondrial DNA (mtDNA) Analysis for Taxonomic Identification
Wildlife Forensics	TIER 3 - at SDO	ASB 138, Wildlife Forensics Methods - Collection of Known Samples from Live Animals
Interdisciplinary	TIER 1 - on OSAC Registry	ANSI/NIST ITL-1:2011 Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information
Interdisciplinary	TIER 1 - on OSAC Registry	ISO/IEC 17020:2012 Conformity Assessment - Requirements for the Operation of Various Types of Bodies Performing Inspection
Interdisciplinary	TIER 1 - on OSAC Registry	ISO/IEC 17025:2005 General Requirements for the Competency of Testing and Calibration Laboratories
Interdisciplinary	TIER 1 - on OSAC Registry	ISO/IEC 17025:2017 General Requirements for the Competency of Testing and Calibration Laboratories
Interdisciplinary	TIER 1 - on OSAC Registry	ASTM E2917-19a Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs
Interdisciplinary	TIER 1 - on OSAC Registry	ISO 2104302 Forensic Sciences - Part 2: Recognition, recording, collecting, transport and storage of items
Interdisciplinary	TIER 3 - at SDO	ASTM E1020-13e1 WK66161 Standard Practice for Reporting Incidents that May Involve Criminal or Civil Litigation (Virtual Subcommittee #6)
Interdisciplinary	TIER 3 - at SDO	ASTM E860-07(13)e2 Standard Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation

OSAC Standards Activities: Tier 4

Subcommittee	Status	Document Title
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for Training on Analysis of Forensic STR Data
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for Training in the Use of Statistics in Interpretation of Forensic DNA Evidence
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for Training on Testimony for Forensic Biology
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for Training of Forensic Autosomal and Y-STR Data Interpretation
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for Setting Analytical and Stochastic Thresholds
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for the Statistical Interpretation of Autosomal STRs
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for the Reporting of Contamination and Failed Controls
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standards for NGS/MPS and Rapid DNA (related to data analysis)
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standards for NGS/MPS and Rapid DNA (related to interpretation)
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standards for NGS/MPS and Rapid DNA (related to statistical analysis)
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standards for NGS/MPS and Rapid DNA (related to report writing/review)
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standards for NGS/MPS and Rapid DNA (related to CODIS)
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standards for NGS/MPS and Rapid DNA (related to testimony)
Bio. Data Interpretation & Reporting	TIER 4 - under development	ASB 080, Standard for Training of Forensic DNA Reporting and Review
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for the Use of Elimination Databases
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for Training of CODIS
Bio. Data Interpretation & Reporting	TIER 4 - under development	Best Practices for DNA Testimony
Bio. Data Interpretation & Reporting	TIER 4 - under development	Standard for Reporting DNA Conclusions
Biological Methods	TIER 4 - under development	Standard for the Internal Validation of DNA Extraction Methods
Biological Methods	TIER 4 - under development	Best Practice Recommendations for the Internal Validation of DNA Extraction Methods
Biological Methods	TIER 4 - under development	Standard for the Internal Validation of Human DNA Quantification
Biological Methods	TIER 4 - under development	Best Practice Recommendations for the Internal Validation of Human DNA Quantification
Biological Methods	TIER 4 - under development	Standard for the Internal Validation of Automated Platforms
Biological Methods	TIER 4 - under development	Best Practice Recommendations for the Internal Validation of Automated Platforms
Biological Methods	TIER 4 - under development	Document for Report Wording for Male Screening Results
Biological Methods	TIER 4 - under development	Best Practice Recommendations for Reporting and Results of Serological Examinations
Biological Methods	TIER 4 - under development	Best Practice Recommendations for Efficient Sex Assault Kit Processing
Biological Methods	TIER 4 - under development	Standard for Training in Forensic Human Mitochondrial DNA Interpretation
Biological Methods	TIER 4 - under development	Training Standards for Sequencing: Massively Parallel Sequencing/Next Generation Sequencing
Biological Methods	TIER 4 - under development	Internal Validation Standard for Sequencing: Massively Parallel Sequencing/Next Generation Sequencing
Biological Methods	TIER 4 - under development	Standard for Familial DNA Searching
Biological Methods	TIER 4 - under development	Technical Report for a Sample Training Plan for Forensic DNA Laboratories
Bloodstain Pattern Analysis	TIER 4 - under development	BPA process map
Bloodstain Pattern Analysis	TIER 4 - under development	Conclusion statements for bloodstain pattern identifications
Bloodstain Pattern Analysis	TIER 4 - under development	Conclusion statements for bloodstain pattern reconstructions
Bloodstain Pattern Analysis	TIER 4 - under development	Bloodstain pattern taxonomy for use in classification of bloodstain patterns
Bloodstain Pattern Analysis	TIER 4 - under development	Guidelines for a bloodstain pattern certification program
Bloodstain Pattern Analysis	TIER 4 - under development	Guidelines for developing Standard Operating Procedures for bloodstain pattern analysis
Bloodstain Pattern Analysis	TIER 4 - under development	Guidelines for proficiency testing in bloodstain pattern analysis
Crime Scene Investigation	TIER 4 - under development	Standard Practice for Documenting and Processing of Shooting Scenes for Reconstruction
Crime Scene Investigation	TIER 4 - under development	Standard Practice for the Collection and Preservation of Items That May Contain Biological Material
Crime Scene Investigation	TIER 4 - under development	Standard Practice for the Collection and Preservation of Seized Drugs
Crime Scene Investigation	TIER 4 - under development	Standard Practice for Crime Scene Reconstruction

Digital Evidence	TIER 4 - under development	Digital Evidence Testimony Preparation
Digital Evidence	TIER 4 - under development	Quality Management System Framework
Digital Evidence	TIER 4 - under development	Digital Evidence Tool Testing
Digital Evidence	TIER 4 - under development	Forensic Report Writing (SWGDE)
Digital Evidence	TIER 4 - under development	Preservation of Evidence from Mobile Devices
Disaster Victim Identification	TIER 4 - under development	Best Practice Recommendations for Building Resiliency for Disaster Victim Identification Responders (NWP)
Disaster Victim Identification	TIER 4 - under development	Best Practice Recommendations for Quality Assurance in Disaster Victim Identification (NWP)
Disaster Victim Identification	TIER 4 - under development	Best Practice Recommendations for Managing Disaster Victim Identification Response with Chemical, Biological, Nuclear, and Explosive Trauma (NWP)
Disaster Victim Identification	TIER 4 - under development	Best Practice Recommendations for Disaster Victim Accounting (NWP)
Disaster Victim Identification	TIER 4 - under development	Best Practice Recommendations for Comparison of ID Methodologies in Disaster Victim Identification (NWP)
Disaster Victim Identification	TIER 4 - under development	Best Practice Recommendations for Mass Fatality Management Preparedness (NWP)
Disaster Victim Identification	TIER 4 - under development	Mass Fatality Incident Data Management: Best Practice Recommendations for the Medicolegal Authority
Disaster Victim Identification	TIER 4 - under development	Media Communications: Best Practice Recommendations for Medicolegal Authorities in Disaster Victim Identification
Disaster Victim Identification	TIER 4 - under development	Ethical Considerations in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority
Disaster Victim Identification	TIER 4 - under development	Legal Considerations in Disaster Victim Identification
Disaster Victim Identification	TIER 4 - under development	Family Management Following a Mass Fatality Incident: Victim Information Center Best Practice Recommendations for Medicolegal Authorities
Disaster Victim Identification	TIER 4 - under development	Disaster Victim Identification Process: Best Practice Recommendations for the Medicolegal Authority
Disaster Victim Identification	TIER 4 - under development	Forensic Odontology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority
Dogs & Sensors	TIER 4 - under development	Agriculture Detection - Canine Training, Certification, and Document Management Standards
Dogs & Sensors	TIER 4 - under development	Human Remains Canine Detection in Water
Dogs & Sensors	TIER 4 - under development	Human Remains Canine Detection on Land
Dogs & Sensors	TIER 4 - under development	Crime Scene/Death Investigation - Dogs and Sensors Article Search
Dogs & Sensors	TIER 4 - under development	Contraband Canine Detection
Dogs & Sensors	TIER 4 - under development	Detection Canine Selection, Kenneling and Healthcare
Dogs & Sensors	TIER 4 - under development	Narcotic Canine Detection
Dogs & Sensors	TIER 4 - under development	Pest and Insect Canine Detection
Dogs & Sensors	TIER 4 - under development	Canine Detection of Explosives
Dogs & Sensors	TIER 4 - under development	Canine Detection of Microbial Organisms
Dogs & Sensors	TIER 4 - under development	Pre-scented location check
Dogs & Sensors	TIER 4 - under development	Mantrailing Pre-Scented Canines: Aged Trail Search
Dogs & Sensors	TIER 4 - under development	Standard for Disaster Live Human Detection Dogs Programs - Training, Certification, and Documentation
Dogs & Sensors	TIER 4 - under development	Standard for Disaster Human Remains Detection Dogs Programs - Training, Certification, and Documentation
Facial Identification	TIER 4 - under development	Physical Stability of Facial Features of Adults
Facial Identification	TIER 4 - under development	Guide for Investigative Lead Report and Note Taking
Facial Identification	TIER 4 - under development	Guide for Forensic Face Comparison Report and Note Taking
Facial Identification	TIER 4 - under development	Guide for Facial Comparison Awareness Training of Assessors
Facial Identification	TIER 4 - under development	Guide for Facial Comparison Training of Reviewers
Facial Identification	TIER 4 - under development	Guide for Facial Comparison Training of Examiners
Facial Identification	TIER 4 - under development	Guidelines for Image Processing of Facial Images
Facial Identification	TIER 4 - under development	Impact of Printing Effects on Facial Image Comparison
Facial Identification	TIER 4 - under development	Guideline on the Effects of a Printed Image for Facial Image Comparison
Facial Identification	TIER 4 - under development	Image Factors to Consider in Facial Assessment
Facial Identification	TIER 4 - under development	Overview of Facial Comparison Methods
Facial Identification	TIER 4 - under development	Scanning of Facial Images