



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

OSAC Registry Standards

Discipline	Standard	Effective Date
Human Forensic Biology	ANSI/ASB Standard 020, Standard for Validation Studies of DNA Mixtures, and Development and Verification of a Laboratory's Mixture Interpretation Protocol, First Edition, 201	5/12/2020
Human Forensic Biology	ANSI/ASB Standard 040, Standard for Forensic DNA Interpretation and Comparison Protocols, First Edition, 201!	5/12/2020
Human Forensic Biology	ANSI/ASB Standard 022, Standard for Forensic DNA Analysis Training Programs, First Edition, 201!	9/1/2020
Bloodstain Pattern Analysis	ASB Technical Report 033, Terms and Definitions in Bloodstain Pattern Analysis, First Edition, 2017	6/3/2020
Digital Evidence	ASTM E2916-19e1 Standard Terminology for Digital and Multimedia Evidence Examiner	7/7/2020
Digital Evidence	ASTM E3017-19 Standard Practice for Examining Magnetic Card Readers	7/7/2020
Digital Evidence	ASTM E3150-18 Standard Guide for Forensic Audio Laboratory Setup and Maintenance	7/7/2020
Medicolegal Death Investigation	ANSI/ASB Best Practice Recommendation 007, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Database:	9/5/2019
Medicolegal Death Investigation	ANSI/ASB Best Practice Recommendation 010, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority	9/5/2019
Dogs & Sensors	ASB Technical Report 025, Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions, First Edition, 201!	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
Trace Materials	ASTM E1610-18 Standard Guide for Forensic Paint Analysis and Comparison	6/26/2018
Trace Materials	ASTM E1967-19 Standard Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope	7/7/2020
Trace Materials	ASTM E2330 Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparison:	7/7/2020
Trace Materials	ASTM E2926-17 Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence Spectrometry	7/31/2017
Trace Materials	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 Comparison	6/5/2018
Trace Materials	ASTM E2937-18 Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examination:	6/26/2018
Trace Materials	ASTM E3085-17 Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examination	9/11/2018
Trace Materials	ASTM E3233-20 Standard Practice for Forensic Tape Analysis Training Program	11/3/2020
Trace Materials	ASTM E3234-20 Standard Practice for Forensic Paint Analysis Training Program	11/3/2020
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	ANSI/ASB Standard 017, Standard Practices for Measurement Traceability in Forensic Toxicology, First Edition, 201!	6/18/2019
Toxicology	ANSI/ASB Standard 036, Standard Practices for Method Validation in Forensic Toxicology, First Edition, 201!	7/7/2020
Toxicology	ANSI/ASB Best Practice Recommendation 037, Guidelines for Opinions and Testimony in Forensic Toxicology, First Edition, 201!	11/5/2019
Wildlife Forensics	ANSI/ASB Standard 028, Wildlife Forensics Morphology Standards, First Edition, 201!	6/3/2020
Wildlife Forensics	ANSI/ASB Standard 047, Wildlife Forensics Validation Standard—Validating New Primers for Sequencing, First Edition, 201!	6/3/2020
Interdisciplinary	ANSI/NIST ITL-1:2011 (Update 2015) Data Format for the Interchange of Fingerprint, Facial and Other Biometric Information	11/3/2020
Interdisciplinary	ISO/IEC 17020:2012 Conformity Assessment - Requirements for the Operation of Various Types of Bodies Performing Inspection	4/18/2017
Interdisciplinary	ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories:	9/27/2016
Interdisciplinary	ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories:	6/18/2019
Interdisciplinary	ASTM E2917-19a Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Program	11/5/2019
Interdisciplinary	ISO 21043-2 Forensic Sciences - Part 2: Recognition, recording, collecting, transport and storage of item:	12/3/2019

OSAC Standards Activities: Tier 1-3

Subcommittee	Status	Document Title
Bloodstain Pattern Analysis	TIER 1 - on OSAC Registry	ASB Technical Report 033, <i>Terms and Definitions in Bloodstain Pattern Analysis</i> , First Edition, 2017
Bloodstain Pattern Analysis	TIER 2 - published by SDO	ANSI/ASB Standard 030, <i>Standard for a Quality Assurance Program in Bloodstain Pattern Analysis</i> , First Edition, 2019
Bloodstain Pattern Analysis	TIER 2 - published by SDO	ANSI/ASB Standard 031, <i>Standard for Report Writing in Bloodstain Pattern Analysis</i> , First Edition, 2020
Bloodstain Pattern Analysis	TIER 2 - published by SDO	ANSI/ASB Standard 032, <i>Standards for a Bloodstain Pattern Analyst's Training Program</i> , First Edition, 2020
Bloodstain Pattern Analysis	TIER 2 - published by SDO	ANSI/ASB Standard 072, <i>Standard for the Validation of Procedures in Bloodstain Pattern Analysis</i> , First Edition, 2019
Crime Scene Investigation & Reconstruction	TIER 2 - published by SDO	ASTM E620-11(18) <i>Standard Practice for Reporting Opinions of Scientific or Technical Experts</i>
Crime Scene Investigation & Reconstruction	TIER 2 - published by SDO	ASTM E860-07(13)e2 <i>Standard Practice for Examining and Preparing Items that are or may Become Involved in Criminal or Civil Litigation</i>
Crime Scene Investigation & Reconstruction	TIER 2 - published by SDO	ASTM E1020-13e1 <i>Standard Practice for Reporting Incidents that may Involve Criminal or Civil Litigator</i> (currently under revision as WK66161)
Crime Scene Investigation & Reconstruction	TIER 2 - published by SDO	ASTM E1188-11(17) <i>Standard Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator</i>
Crime Scene Investigation & Reconstruction	TIER 2 - published by SDO	ASTM E1459-13(18) <i>Standard Guide for Physical Evidence Labeling and Related Documentation</i>
Crime Scene Investigation & Reconstruction	TIER 3 - sent to SDO	Standard Practice for Crime Scene Investigator Training, Continuing Education, Professional Development, Certification, and Accreditation
Crime Scene Investigation & Reconstruction	TIER 3 - sent to SDO	Standard Guide for Sexual Assault Investigation, Examination, and Evidence (revision to ASTM E1843-16)
Crime Scene Investigation & Reconstruction	TIER 3 - sent to SDO	Standard Practice for Transmittal of Evidence in Sexual Assault Investigation (revision to ASTM E2123-16)
Crime Scene Investigation & Reconstruction	TIER 3 - sent to SDO	Standard Practice for Specification for Equipment and Supplies in Sexual Assault Investigation (revision to ASTM 2124-15)
Crime Scene Investigation & Reconstruction	TIER 3 - sent to SDO	Guiding Principles for Crime Scene Investigation and Reconstruction
Crime Scene Investigation & Reconstruction	TIER 3 - sent to SDO	Standard for Initial Response at Scenes by Law Enforcement
Digital Evidence	TIER 1 - on OSAC Registry	ASTM E2916-19e1 Standard Terminology for Digital and Multimedia Evidence Examination
Digital Evidence	TIER 1 - on OSAC Registry	ASTM E3017-19 Standard Practice for Examining Magnetic Card Readers
Digital Evidence	TIER 1 - on OSAC Registry	ASTM E3150-18 Standard Guide for Forensic Audio Laboratory Setup and Maintenance
Digital Evidence	TIER 2 - published by SDO	ASTM E2678-09(2014) Standard Guide for Education and Training in Computer Forensics
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 E3046-15 Standard Guide for Core Competencies for Mobile Phone Forensic
Digital Evidence	TIER 3 - sent to SDO	Standard Guide for Education and Training in Computer Forensics (ASTM WK66297)
Digital Evidence	TIER 3 - sent to SDO	Core Competencies for Forensic Audio (ASTM WK67924)
Dogs & Sensors	TIER 1 - on OSAC Registry	ASB Technical Report 025, <i>Crime Scene/Death Investigation – Dogs and Sensors – Terms and Definitions</i> , First Edition, 2017
Dogs & Sensors	TIER 2 - published by SDO	ANSI/ASB Standard 088, <i>General Guidelines for Training, Certification, and Documentation of Canine Detection Discipline</i> , First Edition, 2020
Dogs & Sensors	TIER 3 - sent to SDO	Canine Detection of Humans: Location Check Using Pre-Scented Canines
Dogs & Sensors	TIER 3 - sent to SDO	Standard for Training and Certification for Canine Detection of Humans: An Aged Trail Using Pre-Scented Canines
Dogs & Sensors	TIER 3 - sent to SDO	Standard for Training and Certification of Canine Detection of Humans: Patrol Canine Team
Dogs & Sensors	TIER 3 - sent to SDO	Agriculture Detection - Canine Training, Certification, and Document Management Standards
Dogs & Sensors	TIER 3 - sent to SDO	Canine Detection of Human Remains in Water
Dogs & Sensors	TIER 3 - sent to SDO	Canine Detection of Human Remains on Land
Dogs & Sensors	TIER 3 - sent to SDO	Canine Detection of Human Scented Articles
Dogs & Sensors	TIER 3 - sent to SDO	Presentation of Canine Detection Evidence in Court
Dogs & Sensors	TIER 3 - sent to SDO	Detection Canine Selection, Kenneling and Healthcare
Dogs & Sensors	TIER 3 - sent to SDO	Canine Detection of Narcotics
Dogs & Sensors	TIER 3 - sent to SDO	Canine Detection of Explosives
Dogs & Sensors	TIER 3 - sent to SDO	Canine Detection of Media
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 1 - on OSAC Registry	ASTM E3149-18 Standard Guide for Facial Image Comparison Feature List for Morphological Analysis
Facial Identification	TIER 3 - sent to SDO	Guide for Role Based Training in Facial Comparison (ASTM WK69795)
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 - sent to SDO	Standard for the Organization and Operation of Fire Investigation Units
Firearms & Toolmarks	TIER 2 - published by SDO	ANSI/ASB Best Practice Recommendation 068, <i>Safe Handling of Firearms and Ammunition</i> , First Edition, 2020
Firearms & Toolmarks	TIER 3 - sent to SDO	Guidelines for Barrel and Overall Length Measurements for Firearms
Firearms & Toolmarks	TIER 3 - sent to SDO	Firearms and Toolmarks 3D Measurement Systems and Measurement Quality Control
Firearms & Toolmarks	TIER 3 - sent to SDO	Standard for Topography Comparison Software for Firearm and Toolmark Analysis
Firearms & Toolmarks	TIER 3 - sent to SDO	Implementation of 3D Technologies in Forensic Firearm and Toolmark Comparison Laboratories
Firearms & Toolmarks	TIER 3 - sent to SDO	Test Method for the Examination and Testing of Firearms
Firearms & Toolmarks	TIER 3 - sent to SDO	Standard Method for the Examination and Documentation of Ammunition and Ammunition Component
Firearms & Toolmarks	TIER 3 - sent to SDO	Range of Conclusions and Criteria in Toolmark Examinations
Firearms & Toolmarks	TIER 3 - sent to SDO	Standard for Verification of Source Conclusions in Toolmark Examinations
Firearms & Toolmarks	TIER 3 - sent to SDO	Minimum Education Requirements for Firearm and Toolmark Examiner Trainees (new standard)
Firearms & Toolmarks	TIER 3 - sent to SDO	Best Practice Recommendation for Measuring Trigger Pull of a Firearm and Estimating its Uncertainty
Footwear & Tire	TIER 2 - published by SDO	ANSI/ASB Best Practice Recommendation 021, <i>Best Practices for the Preparation of Test Impressions from Footwear and Tires</i> , First Edition, 2019
Footwear & Tire	TIER 2 - published by SDO	ANSI/ASB Best Practice Recommendation 049, <i>Best Practice Recommendation for Lifting of Footwear and Tire Impressions</i> , First Edition, 2020
Footwear & Tire	TIER 2 - published by SDO	ASB Technical Report 051, <i>Scope of work for a Footwear/Tire Examiner</i> , First Edition, 2020
Footwear & Tire	TIER 2 - published by SDO	ANSI/ASB Standard 095, <i>Standard for Minimum Qualifications and Training for a Footwear/Tire Forensic Science Service Provider</i> , First Edition, 2020
Footwear & Tire	TIER 2 - published by SDO	ASB Technical Report 097, <i>Terminology Used for Forensic Footwear and Tire Evidence</i> , First Edition 2019
Footwear & Tire	TIER 2 - published by SDO	ANSI/ASB Standard 099, <i>Standard for Footwear/Tire Examination Proficiency Testing Program</i> , First Edition 2015
Footwear & Tire	TIER 3 - sent to SDO	Best Practice Recommendation for the Documentation and Photography Documentation of Footwear and Tire Evidence
Footwear & Tire	TIER 3 - sent to SDO	Best Practice Recommendation for the Detection of Footwear and Tire Impression Evidence

Footwear & Tire	TIER 3 - sent to SDO	Best Practice Recommendation for Casting of Footwear and Tire Impression Evidence
Footwear & Tire	TIER 3 - sent to SDO	Standard for Examination and Documentation of Footwear and Tire Impression Evidence
Forensic Anthropology	TIER 2 - published by SDO	ANSI/ASB Standard 045, <i>Standard for Stature Estimation in Forensic Anthropology</i> , First Edition, 2019
Forensic Anthropology	TIER 2 - published by SDO	ANSI/ASB Best Practice Recommendation 089, <i>Best Practice for Facial Approximation in Forensic Anthropology</i> , First Edition, 2020
Forensic Anthropology	TIER 2 - published by SDO	ANSI/ASB Standard 090, <i>Standard for Sex Estimation in Forensic Anthropology</i> , First Edition, 2019
Forensic Anthropology	TIER 3 - sent to SDO	Standard for Ancestry Estimation in Forensic Anthropology
Forensic Anthropology	TIER 3 - sent to SDO	Standard for Age Estimation in Forensic Anthropology
Forensic Anthropology	TIER 3 - sent to SDO	Standard for Description and Interpretation of Pathological Conditions and Anomalies in Forensic Anthropology
Forensic Anthropology	TIER 3 - sent to SDO	Guidelines for Anthropology Scene Detection and Processing
Forensic Anthropology	TIER 3 - sent to SDO	Standards for Resolving Commingled Remains in Forensic Anthropology
Forensic Anthropology	TIER 3 - sent to SDO	Standard for Analyzing Skeletal Trauma in Forensic Anthropology
Forensic Anthropology	TIER 3 - sent to SDO	Standard for Personal Identification in Forensic Anthropology
Forensic Anthropology	TIER 3 - sent to SDO	Standard for Taphonomic Observations in Support of the Postmortem Interval
Forensic Anthropology	TIER 3 - sent to SDO	Standard for Determination of Medicolegal Significance from Skeletal Material
Forensic Document Examination	TIER 2 - published by SDO	ANSI/ASB Standard 035, <i>Standard for the Examination of Documents for Alterations</i> , First Edition, 2020
Forensic Document Examination	TIER 2 - published by SDO	ANSI/ASB Standard 044, <i>Standard for Examination of Documents for Indentations</i> , First Edition, 2019
Forensic Document Examination	TIER 2 - published by SDO	ANSI/ASB Standard 117, <i>Standard for Examination of Stamping Devices and Stamp Impressions</i> , First Edition, 2020
Forensic Document Examination	TIER 3 - sent to SDO	Scope of Expertise in Forensic Document Examination
Forensic Document Examination	TIER 3 - sent to SDO	Standard for Forensic Examination of Handwritten Items
Forensic Document Examination	TIER 3 - sent to SDO	Forensic Document Examination Terms and Reference
Forensic Document Examination	TIER 3 - sent to SDO	Standard for the Preservation and Examination of Charred Documents
Forensic Document Examination	TIER 3 - sent to SDO	Standard for the Examination of Liquid Soaked Documents
Forensic Odontology	TIER 1 - on OSAC Registry	ANSI/ADA 1058-2010D Forensic Dental Data Set
Forensic Odontology	TIER 1 - on OSAC Registry	ADA 1088-2017D Human Identification by Comparative Dental Analysis
Forensic Odontology	TIER 3 - sent to SDO	ADA 1077-201x Human Age Assessment by Dental Analysis
Forensic Odontology	TIER 3 - sent to SDO	ISO 20888 Dentistry - Terminology for Forensic Oro-Dental Data
Forensic Toxicology	TIER 1 - on OSAC Registry	ANSI/ASB Standard 017, <i>Standard Practices for Measurement Traceability in Forensic Toxicology</i> , First Edition, 2018
Forensic Toxicology	TIER 1 - on OSAC Registry	ANSI/ASB Standard 036, <i>Standard Practices for Method Validation in Forensic Toxicology</i> , First Edition, 2019
Forensic Toxicology	TIER 1 - on OSAC Registry	ANSI/ASB Best Practice Recommendation 037, <i>Guidelines for Opinions and Testimony in Forensic Toxicology</i> , First Edition, 2019
Forensic Toxicology	TIER 2 - published by SDO	ANSI/ASB Standard 053, <i>Standard for Report Content in Forensic Toxicology</i> , First Edition, 2020
Forensic Toxicology	TIER 3 - sent to SDO	Standard for a Quality Control Program in Forensic Toxicology Laboratories
Forensic Toxicology	TIER 3 - sent to SDO	Standard for Breath Alcohol Measuring Instrument Calibration
Forensic Toxicology	TIER 3 - sent to SDO	Standard for Mass Spectral Data Acceptance in Forensic Toxicology
Forensic Toxicology	TIER 3 - sent to SDO	Standard for Identification Criteria in Forensic Toxicology
Forensic Toxicology	TIER 3 - sent to SDO	Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing in Medicolegal Death Investigations
Forensic Toxicology	TIER 3 - sent to SDO	Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing in Impaired Driving Investigations
Forensic Toxicology	TIER 3 - sent to SDO	Standard for the Analytical Scope and Sensitivity of Forensic Toxicology Urine Testing in Drug-Facilitated Crime Investigations
Forensic Toxicology	TIER 3 - sent to SDO	Standard Practices for Proficiency Testing of Forensic Toxicology Laboratories
Friction Ridge	TIER 3 - sent to SDO	Best Practice Recommendation for Articulating a Source Identification in Friction Ridge Examinations
Friction Ridge	TIER 3 - sent to SDO	Standard for Friction Ridge Examination Conclusions
Friction Ridge	TIER 3 - sent to SDO	Standard for Friction Ridge Examination Training Program
Friction Ridge	TIER 3 - sent to SDO	Best Practice Recommendations for the Resolution of Conflicts in the Course of Friction Ridge Examination
Friction Ridge	TIER 3 - sent to SDO	Best Practice Recommendations for Technical Review in Friction Ridge Identification
Friction Ridge	TIER 3 - sent to SDO	Best Practice Recommendations for the Verification Component in Friction Ridge Examinations
Friction Ridge	TIER 3 - sent to SDO	Standard for Consultation During Friction Ridge Examination
Human Forensic Biology	TIER 1 - on OSAC Registry	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
Human Forensic Biology	TIER 1 - on OSAC Registry	ANSI/ASB Standard 022, <i>Standard for Forensic DNA Analysis Training Programs</i> , First Edition, 2019
Human Forensic Biology	TIER 1 - on OSAC Registry	ANSI/ASB Standard 040, <i>Standard for Forensic DNA Interpretation and Comparison Protocols</i> , First Edition, 2019
Human Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 018, <i>Standard for Validation of Probabilistic Genotyping Systems</i> , First Edition, 2020
Human Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 023, <i>Standard for Training in Forensic DNA Isolation and Purification Methods</i> , First Edition, 2020
Human Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 038, <i>Standard for Internal Validation of Forensic DNA Analysis Methods</i> , First Edition, 2020
Human Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 077, <i>Standard for the Developmental and Internal Validation of Forensic Serological Methods</i> , First Edition, 2020
Human Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 110, <i>Standards for Training in Forensic Serological Methods</i> , First Edition, 2020
Human Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 115, <i>Standard for Training in Forensic Short Tandem Repeat Typing Methods Using Amplification, DNA Separation, and Allele Detector</i> , First Edition, 2020
Human Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 116, <i>Standard for Training in Forensic DNA Quantification Methods</i> , First Edition, 2020
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Internal Validation of Human STR Profiling on CE Platforms
Human Forensic Biology	TIER 3 - sent to SDO	Assigning Propositions for Likelihood Ratios in Forensic DNA Interpretations
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training of Forensic Autosomal and Y-STR Data Interpretation
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training on the Combined DNA Index System (CODIS)
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training to Perform Forensic DNA Reporting and Review
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training in the Use of Statistics in Interpretation of Forensic DNA Evidence
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training of Analysis of Forensic STR Data
Human Forensic Biology	TIER 3 - sent to SDO	Best Practice Recommendation for Validation of Forensic DNA Software
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Internal Evaluation of a Laboratory's DNA Mixture Interpretation Protocol
Human Forensic Biology	TIER 3 - sent to SDO	Best Practice Recommendations for Internal Validation of Human STR Profiling on CE Platforms (complements ASB 039)
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training in Forensic DNA Amplification Methods for Capillary Electrophoresis Sequencing
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training in Forensic DNA Sequencing using Capillary Electrophoresis

Human Forensic Biology	TIER 3 - sent to SDO	Forensic Laboratory Standards for Prevention, Monitoring, and Mitigation of DNA Contamination
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Reporting DNA Conclusions
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training in Forensic Human Mitochondrial DNA Analysis, Interpretation, Statistical Evaluation, and Reporting
Human Forensic Biology	TIER 3 - sent to SDO	Standard for Training on Testimony for Forensic Biology
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E1386-15 Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Solvent Extraction
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E1388-17 Standard Practice for Sampling of Headspace Vapors from Fire Debris Samples
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E1412-19 Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Active Charcoal (see WK51929 for proposed revision)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E1413-19 Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbent Tube
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E1588-20 Standard Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E1618-19 Standard Test Method for Ignitable Liquid Residues in Extracts from Fire Debris Samples by Gas Chromatography-Mass Spectrometry
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E2154-15a Standard Practice for Separation and Concentration of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Solid Phase Microextraction (SPME)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E2451-13 Standard Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E2881-18 Standard Test Method for Extraction and Derivatization of Vegetable Oils and Fats from Fire Debris and Liquid Samples with Analysis by Gas Chromatography-Mass Spectrometry
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E2998-16 Standard Practice for Characterization and Classification of Smokeless Powder
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E2999-17 Test Method for Analysis of Smokeless Powder by Gas Chromatography-Mass Spectrometry and Fourier-Transform Infrared Spectroscopy
Ignitable Liquids, Explosives, & Gunshot Residue	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
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E3197-20 Standard Terminology Relating to Examination of Fire Debris
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 2 - published by SDO	ASTM E3245-20 Standard Guide for the Systematic Approach to the Extraction, Analysis and Classification of Ignitable Liquids and Ignitable Liquid Residues in Fire Debris Analysis Sample:
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Terminology for the Examination of Explosives (ASTM WK56998)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples (ASTM WK58027)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Terminology for the Examination of Fire Debris (ASTM WK63459)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Guide for a Systematic Approach to the Extraction, Analysis, and Identification of Ignitable Liquids in Fire Debris Samples (ASTM WK64631)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for the Forensic Examination and Identification of Intact Explosives (ASTM WK67862)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for a Forensic Explosives Analysis Training Program (ASTM WK73117)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for Reporting Results and Opinions of Ignitable Liquid Analysis (ASTM WK73482)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for Reporting Results and Opinions of Explosives Analysis (ASTM WK73484)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Guide for the Forensic Examination and Identification of Explosive Residues (ASTM WK73923)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for Training in the Forensic Examination of GSR using Scanning Electron Microscopy-Energy Dispersive X-ray Spectrometry (SEM/EDS) (ASTM WK58457)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for Report Writing of Forensic Primer Gunshot Residue (pGSR) Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS) (ASTM WK69622)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for Expert Opinions on the Interpretation of Primer Gunshot Residue (pGSR) Analysis by Scanning Electron Microscopy /Energy Dispersive X-ray Spectrometry (SEM/EDS) (ASTM WK72526)
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 3 - sent to SDO	Standard Practice for the Collection, Preservation, and Analysis of Gunshot Residues (ASTM WK72856)
Medicolegal Death Investigation	TIER 1 - on OSAC Registry	ANSI/ASB Best Practice Recommendation 007, <i>Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases</i> First Edition, 20
Medicolegal Death Investigation	TIER 1 - on OSAC Registry	ANSI/ASB Best Practice Recommendation 010, <i>Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority</i> First Edition, 2018
Medicolegal Death Investigation	TIER 2 - published by SDO	ANSI/ASB Best Practice Recommendation 006, <i>Best Practice Recommendations for DNA Analysis for Human Identification in Mass Fatality Incidents</i> , First Edition, 2019
Medicolegal Death Investigation	TIER 2 - published by SDO	ANSI/ASB Best Practice Recommendation 009, <i>Best Practice Recommendations for the Examination of Human Remains by Forensic Pathologists in the Disaster Victim Identification Context</i> , First Edition, 2011
Medicolegal Death Investigation	TIER 3 - sent to SDO	Mass Fatality Incident Data Management: Best Practice Recommendations for the Medicolegal Authority
Medicolegal Death Investigation	TIER 3 - sent to SDO	Mass Fatality Scene Processing: Best Practice Recommendations for the Medicolegal Authority
Medicolegal Death Investigation	TIER 3 - sent to SDO	Postmortem Fingerprint Recovery: Guidance and Best Practices for Disaster Victim Identification
Medicolegal Death Investigation	TIER 3 - sent to SDO	Forensic Odontology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority
Medicolegal Death Investigation	TIER 3 - sent to SDO	Organizational and Foundational Standard for Medicolegal Death Investigation
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 2 - published by SDO	ASTM E1968 Standard Guide for Microcrystal Testing in the Forensic Analysis of Cocaine
Seized Drugs	TIER 2 - published by SDO	ASTM E1969 Standard Guide for Microcrystal Testing in the Forensic Analysis of Methamphetamine and Amphetamine
Seized Drugs	TIER 2 - published by SDO	ASTM E2125 Standard Guide for Microcrystal Testing in the Forensic Analysis of Phencyclidine and Its Analogues
Seized Drugs	TIER 2 - published by SDO	ASTM E2549 Standard Practice for Validation of Seized-Drug Analytical Methods
Seized Drugs	TIER 2 - published by SDO	ASTM E2327 Standard Practice for Quality Assurance of Laboratories Performing Seized-Drug Analysis
Seized Drugs	TIER 2 - published by SDO	ASTM E2882-19 Standard Guide for Analysis of Clandestine Drug Laboratory Evidence
Seized Drugs	TIER 3 - sent to SDO	Standard Practice for Education and Training of Seized Drug Analysts (revision to ASTM E2326-14)
Seized Drugs	TIER 3 - sent to SDO	Standard Practice for Uncertainty Assessment in the Context of Seized-Drug Analysis (revision to ASTM E2764)
Seized Drugs	TIER 3 - sent to SDO	Guide for Assessment of Gas Chromatography and Electron Ionization Mass Spectrometry Data During the Qualitative Analysis of Seized Drugs (ASTM WK65067)
Seized Drugs	TIER 3 - sent to SDO	Standard Guide for the Development of Electron Ionization-Mass Spectral (EI-MS) Libraries (ASTM WK72630)
Seized Drugs	TIER 3 - sent to SDO	Standard Guide for Intralaboratory Blind Quality Control Programs for Seized-Drug Analysis (ASTM WK72638)
Speaker Recognition	TIER 3 - sent to SDO	Audio Engineering Society (AES) Speech Collection Guideline for Speaker Recognition: Audio Collection at a Temporary Location
Speaker Recognition	TIER 3 - sent to SDO	ANSI/NIST-ITL Guidelines for The Exchange of Speech Files for Use in Speaker Recognition Using ANSI/NIST-ITL Transactions
Trace Materials	TIER 1 - on OSAC Registry	ASTM E1610-18 Standard Guide for Forensic Paint Analysis and Comparison
Trace Materials	TIER 1 - on OSAC Registry	ASTM E1967-19 Standard Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope
Trace Materials	TIER 1 - on OSAC Registry	ASTM E2330 Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparison:
Trace Materials	TIER 1 - on OSAC Registry	ASTM E2926-17 Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence Spectrometry
Trace Materials	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 Comparison
Trace Materials	TIER 1 - on OSAC Registry	ASTM E2937-18 Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examination:
Trace Materials	TIER 1 - on OSAC Registry	ASTM E3085-17 Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examination:
Trace Materials	TIER 1 - on OSAC Registry	ASTM E3233-20 Standard Practice for a Forensic Tape Analysis Training Program
Trace Materials	TIER 1 - on OSAC Registry	ASTM E3234-20 Standard Practice for a Forensic Paint Analysis Training Program
Trace Materials	TIER 2 - published by SDO	ASTM E2224-19 Standard Guide for Forensic Analysis of Fibers by Infrared Spectroscopy
Trace Materials	TIER 2 - published by SDO	ASTM E2225 Standard Guide for Forensic Examination of Fabrics and Cordage
Trace Materials	TIER 2 - published by SDO	ASTM E2228-19 Standard Guide for Microscopical Examination of Textile Fibers
Trace Materials	TIER 3 - sent to SDO	Standard Guide for the Forensic Examination of Non-Reactive Dyes in Textile Fibers by Thin-Layer Chromatography (revision to ASTM E2227)

Trace Materials	TIER 3 - sent to SDO	Standard Guide for Microspectrophotometry in Forensic Paint Analysis (revision to ASTM E2808-19)
Trace Materials	TIER 3 - sent to SDO	Standard Practice for Training in the Forensic Examination of Hair by Microscopy (ASTM WK56743)
Trace Materials	TIER 3 - sent to SDO	Standard Guide for Using Scanning Electron Microscopy/X-Ray Spectrometry in Forensic Polymer Examinations (ASTM WK57479)
Trace Materials	TIER 3 - sent to SDO	Practice for Determination and Comparison of Color by Visual Observation in Forensic Soil Examination (ASTM WK70035)
Trace Materials	TIER 3 - sent to SDO	Standard Guide for the Collection of Soils and Other Geological Evidence for Forensic Applications (ASTM WK70187)
Trace Materials	TIER 3 - sent to SDO	Guide for Forensic Examination and Comparison of Pressure Sensitive Tapes (ASTM WK71337)
Trace Materials	TIER 3 - sent to SDO	Standard Guide for the Microscopical Examination of Human Hair (ASTM WK72597)
Trace Materials	TIER 3 - sent to SDO	Standard Guide for Powdered X-Ray Diffraction of Soils and Geological Materials for Forensic Applications (ASTM WK72837)
Trace Materials	TIER 3 - sent to SDO	Standard Guide for Forensic Glass Analysis and Comparison (ASTM WK72932)
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 - sent to SDO	Standard Practice for Data Retrieval from Digital CCTV System (ASTM WK61709)
Video/Imaging Technology & Analysis	TIER 3 - sent to SDO	Guide for Standard Guide for Latent Print Evidence Imaging Resolution (ASTM WK66357)
Video/Imaging Technology & Analysis	TIER 3 - sent to SDO	Guide for Training Guidelines for Video Analysis, Image Analysis and Photography (ASTM WK66417)
Video/Imaging Technology & Analysis	TIER 3 - sent to SDO	Standard Guide for Crime Scene Photography (ASTM WK69872)
Wildlife Forensic Biology	TIER 1 - on OSAC Registry	ANSI/ASB Standard 028, <i>Wildlife Forensics Morphology Standards</i> , First Edition, 2019
Wildlife Forensic Biology	TIER 1 - on OSAC Registry	ANSI/ASB Standard 047, <i>Wildlife Forensics Validation Standard—Validating New Primers for Sequencing</i> , First Edition, 2019
Wildlife Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 019, <i>Wildlife Forensics General Standards</i> , First Edition, 2019
Wildlife Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 029, <i>Report Writing in Wildlife Forensics: Morphology and Genetics</i> , First Edition, 2019
Wildlife Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 046, <i>Wildlife Forensics Validation Standards—STR Analysis</i> , First Edition, 2019
Wildlife Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 048, <i>Wildlife Forensic DNA Standard Procedures</i> , First Edition, 2019
Wildlife Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 106, <i>Wildlife Forensics—Protein Serology Method for Taxonomic Identification</i> , First Edition, 2020
Wildlife Forensic Biology	TIER 2 - published by SDO	ANSI/ASB Standard 111, <i>Standard for Training in Mitochondrial DNA (mtDNA) Analysis for Taxonomic Identification</i> , First Edition, 2020
Interdisciplinary	TIER 1 - on OSAC Registry	ANSI/NIST ITL-1:2011 (2015 update) 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 Competence of Testing and Calibration Laboratories
Interdisciplinary	TIER 1 - on OSAC Registry	ISO/IEC 17025:2017 General Requirements for the Competence 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 Program
Interdisciplinary	TIER 1 - on OSAC Registry	ISO 2104302 Forensic Sciences - Part 2: Recognition, recording, collecting, transport and storage of item:
Interdisciplinary	TIER 3 - sent to SDO	Standard Practice for Reporting Incidents that May Involve Criminal or Civil Litigation (Virtual Subcommittee #6) (revision to ASTM E1020-13e1)
Interdisciplinary	TIER 3 - sent to SDO	Standard Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation (revision to ASTM E860-07(13)e2)
Interdisciplinary	TIER 3 - sent to SDO	Practice for Quality Assurance of Forensic Science Service Providers Performing Forensic Chemistry Analysis (ASTM WK71108)
Interdisciplinary	TIER 3 - sent to SDO	OSAC Standard Framework for Developing Discipline-Specific Methodology for ACE-V

OSAC Standards Activities: Tier 4

Subcommittee	Status	Document Title
Bloodstain Pattern Analysis	TIER 4 - under development	Standard for Technical Review of Bloodstain Pattern Analysis Reports
Bloodstain Pattern Analysis	TIER 4 - under development	Standards for Developing Standard Operating Procedures in Bloodstain Pattern Analysis
Bloodstain Pattern Analysis	TIER 4 - under development	Standard for a Certification Program for Bloodstain Pattern Analysts
Bloodstain Pattern Analysis	TIER 4 - under development	Guidelines for Proficiency Testing in Bloodstain Pattern Analysis
Bloodstain Pattern Analysis	TIER 4 - under development	Standard for Classifying Bloodstain Patterns
Bloodstain Pattern Analysis	TIER 4 - under development	Standards for Reporting Reconstruction Conclusions in Bloodstain Pattern Analysis
Bloodstain Pattern Analysis	TIER 4 - under development	Standard for Documentation and Review of Case Experimentation
Bloodstain Pattern Analysis	TIER 4 - under development	Standard for Bloodstain Pattern Analysis Methodology
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Practice for Crime Scene Reconstruction
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard for Initial Response at Scenes by Crime Scene Investigators
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Practice for the Documentation and Processing of Animal Cruelty Scenes
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard for the Examination of the Live Animals Suspected to be Impacted by Cruelty to Animals
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Practice for Crime Scene Metrology
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Guide for Quality Management in Crime Scene Investigation
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Practice for the Collection and Preservation of Biological Materials
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Method for the Chemical Testing of Suspected Projectile Impacts
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard for On-Scene Collection and Preservation of Physical Evidence
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Method for the Measurement of Trajectory Angles with a Protractor
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Collection and Preservation of Entomological Evidence during Forensic Investigations
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard for Entomological Sample Processing for Molecular Analysis
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard for the Collection and Preservation of Questioned Document Related Evidence
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard Practice for the Collection of Primer Gunshot Residue Particles from Clothing, Vehicles and Other Objects using Adhesive Lifters
Crime Scene Investigation & Reconstruction	TIER 4 - under development	Standard for the Documentation of Scenes by Crime Scene Investigators
Digital Evidence	TIER 4 - under development	Forensic Audio Examination Workflow
Digital Evidence	TIER 4 - under development	Specialty Training
Digital Evidence	TIER 4 - under development	Best Practices for Archiving Digital and Multimedia Evidence
Dogs & Sensors	TIER 4 - under development	Standard for Disaster Live Human Detection Dogs Programs - Training, Certification, and Documentation
Dogs & Sensors	TIER 4 - under development	Standards for Disaster Human Remains Detection Dogs
Dogs & Sensors	TIER 4 - under development	Canine Detection of Contraband
Dogs & Sensors	TIER 4 - under development	Canine Career Field Progression System
Dogs & Sensors	TIER 4 - under development	Canine Detection of Pests and Insects (Bed Bugs)
Dogs & Sensors	TIER 4 - under development	Canine Detection of Accelerants
Dogs & Sensors	TIER 4 - under development	Canine Detection of Person(s) During a Human Scent Identification Lineup
Dogs & Sensors	TIER 4 - under development	Canine Detection of Microbial Organisms
Facial Identification	TIER 4 - under development	Guidelines for Image Processing to Improve Automated Facial Recognition Search Performance
Facial Identification	TIER 4 - under development	Effects of a Scanned Image for Facial Image Comparison
Facial Identification	TIER 4 - under development	Extracting Facial Images from "In the Wild" Imagery
Facial Identification	TIER 4 - under development	Physical Stability of Facial Features of Adults - Annex to Physical Stability of Facial Features of Adults
Facial Identification	TIER 4 - under development	Physical Stability of Facial Features of Juveniles - Annex to Facial Image Comparison Feature List of Morphological Analysis
Facial Identification	TIER 4 - under development	Guide for Forensic Face Reporting and Note Taking
Facial Identification	TIER 4 - under development	Guide for Investigative Lead Report and Note Taking
Facial Identification	TIER 4 - under development	Facial Examination Conclusion Scale
Facial Identification	TIER 4 - under development	Image Factors to Consider in Facial Comparison
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 to Competency
Facial Identification	TIER 4 - under development	Guide for Facial Comparison Training of Examiners to Competency
Facial Identification	TIER 4 - under development	Guide for Mentorship of Facial Comparison Trainees in Role Based Facial Comparison
Facial Identification	TIER 4 - under development	Guide for Proficiency Testing in Role Based Facial Comparison
Facial Identification	TIER 4 - under development	Minimum Training Criteria for Usage of Facial Recognition Systems
Facial Identification	TIER 4 - under development	Methods of Markup and Annotation for Face Presentation to Courts
Facial Identification	TIER 4 - under development	Managing Head Coverings, Accessories, and Make-up (HCAM) for Booking Photographs
Firearms & Toolmarks	TIER 4 - under development	Standard Method for the Examination and Documentation of Non-Firearm Tools and Toolmarks
Firearms & Toolmarks	TIER 4 - under development	Supporting Documentation of Source Conclusions in Toolmark Examinations
Firearms & Toolmarks	TIER 4 - under development	Guidelines for Reporting of Source Conclusions in Toolmark Examinations
Firearms & Toolmarks	TIER 4 - under development	Standard for 3D Virtual Comparison Microscopy for Firearm and Toolmark Analysis
Firearms & Toolmarks	TIER 4 - under development	Standard for Requirements and Recommendations for a Firearm and Toolmark Examiner Training Program
Firearms & Toolmarks	TIER 4 - under development	Standard Test Method for the Examination and Restoration of Obliterated Serial Numbers
Footwear & Tire	TIER 4 - under development	Best Practice Recommendation for Examination and Documentation of Footwear and Tire Impression Evidence
Footwear & Tire	TIER 4 - under development	Best Practice Recommendation for the Chemical Processing of Footwear and Tire Impression Evidence
Footwear & Tire	TIER 4 - under development	Best Practice Recommendation for Articulation, Interpretation, and Conclusions in Footwear and Tire Report Writing and Testimony
Forensic Anthropology	TIER 4 - under development	Standards for Qualifications in Forensic Anthropology
Forensic Anthropology	TIER 4 - under development	Standard for Skeletal Sampling and Preparation in Forensic Anthropology
Forensic Anthropology	TIER 4 - under development	Standard for Documentation, Reporting and Testimony
Forensic Anthropology	TIER 4 - under development	Standard for Proficiency Testing in Forensic Anthropology

Forensic Document Examination	TIER 4 - under development	Standard Guide for Minimum Training Requirements for Forensic Document Examiners
Forensic Document Examination	TIER 4 - under development	Standard for Initial Evidence Assessment for Forensic Document Examiners
Forensic Document Examination	TIER 4 - under development	Standard for the Expression of Conclusions in Handwriting Examinations
Forensic Document Examination	TIER 4 - under development	Standard Test Methods for the Comparison of Writing and Inkjet Inks
Forensic Document Examination	TIER 4 - under development	Standard for the Examination of Dry Seals
Forensic Document Examination	TIER 4 - under development	Standard Collection for Known Writing
Forensic Toxicology	TIER 4 - under development	Standard for Estimation of Measurement Uncertainty of Quantitative Measurements in Forensic Toxicology
Forensic Toxicology	TIER 4 - under development	Standard Method for Blood Ethanol Identification and Quantification in Forensic Toxicology Laboratories
Forensic Toxicology	TIER 4 - under development	Standard for Breath Alcohol Instrument Specifications
Forensic Toxicology	TIER 4 - under development	Guidelines for Performing Alcohol Calculations in Forensic Toxicology
Forensic Toxicology	TIER 4 - under development	Standard for Minimum Content Requirements of Forensic Toxicology Procedures
Forensic Toxicology	TIER 4 - under development	Guidelines for Specimen Collection and Preservation in Forensic Toxicology
Friction Ridge	TIER 4 - under development	Standard for Reporting Results from Friction Ridge Examinations
Friction Ridge	TIER 4 - under development	Best Practice Recommendation for Analysis of Friction Ridge Impressions
Friction Ridge	TIER 4 - under development	Best Practice Recommendation for Comparison and Evaluation of Friction Ridge Impressions
Friction Ridge	TIER 4 - under development	Best Practice Recommendation for Testimony Monitoring
Friction Ridge	TIER 4 - under development	Standard for the Examination of Friction Ridge Evidence
Friction Ridge	TIER 4 - under development	Terminology Related to Friction Ridge Examination
Friction Ridge	TIER 4 - under development	Standard for Friction Ridge Examination Proficiency Testing Program
Friction Ridge	TIER 4 - under development	Method Validation
Friction Ridge	TIER 4 - under development	Performance Checks
Friction Ridge	TIER 4 - under development	Best Practice Recommendation for Limited Examinations
Friction Ridge	TIER 4 - under development	Standard for Feature Selection
Human Forensic Biology	TIER 4 - under development	Best Practice Recommendations for Management and Use of Quality Assurance DNA Elimination Databases in Forensic Laboratories
Human Forensic Biology	TIER 4 - under development	Standard for Interpreting and Reporting DNA Test Results Associated with Failed Controls and Contamination Events
Human Forensic Biology	TIER 4 - under development	Standard for Setting Analytical and Stochastic Thresholds for Application to Forensic Casework Using Electrophoretic Systems
Human Forensic Biology	TIER 4 - under development	Testimony Propositions
Human Forensic Biology	TIER 4 - under development	Standard for Training in the Use of Statistics in Interpretation of Forensic DNA Evidence
Human Forensic Biology	TIER 4 - under development	Standards for Validation and Implementation of Familiar Searching for Forensic Purposes
Human Forensic Biology	TIER 4 - under development	Standard for the Internal Validation of DNA Extraction Methods
Human Forensic Biology	TIER 4 - under development	Best Practice Recommendations for the Internal Validation of DNA Extraction Methods
Human Forensic Biology	TIER 4 - under development	Standard for the Internal Validation of Human DNA Quantification
Human Forensic Biology	TIER 4 - under development	Best Practice Recommendations for the Internal Validation of Human DNA Quantification
Human Forensic Biology	TIER 4 - under development	Standard for the Internal Validation of Automated Platforms
Human Forensic Biology	TIER 4 - under development	Best Practice Recommendations for the Internal Validation of Automated Platforms
Human Forensic Biology	TIER 4 - under development	Best Practice Workflows for Efficient Sampling and Direct to DNA of Sexual Assault Kits
Human Forensic Biology	TIER 4 - under development	Standard for Training in Forensic Sequencing Methods (NGS/MPS)
Human Forensic Biology	TIER 4 - under development	Standard for Internal Validation of Genetic Analysis on NGS/MPS Platforms
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Standard Practice for a Forensic Fire Debris Analysis Training Program
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Standard for Classification of Ignitable Liquids Encountered in Forensic Fire Debris Analysis
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Standard Test Method for Interpretation of Gas Chromatography Electron Ionization Mass Spectrometry Data for the Identification of Ignitable Liquids
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Standard Practice for Analysis of Ignitable Liquids by Gas Chromatography Electron Ionization Mass Spectrometry
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Standard Practice for Quality Assurance of Laboratories Performing Analysis of Explosives
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Standard Practice for Quality Assurance of Laboratories Performing Chemical Analysis of Ignitable Liquids and Ignitable Liquid Residues
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Analytical Technique - FTIR of Explosives and Explosive Residues
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Analytical Technique - GC and GC-MS of Explosives and Explosive Residues
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Analytical Technique - PLM of Explosives and Explosive Residues
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Analytical Technique - XRD of Explosives and Explosive Residues
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Inorganic GSR Identification
Ignitable Liquids, Explosives, & Gunshot Residue	TIER 4 - under development	Collection - pGSR
Medicolegal Death Investigation	TIER 4 - under development	Technical Report: Medicolegal Death Investigation Terms and Definitions
Medicolegal Death Investigation	TIER 4 - under development	Medicolegal Death Investigation Workflow and Information Requirements
Medicolegal Death Investigation	TIER 4 - under development	Workload Limitations for Medicolegal Death Investigators
Medicolegal Death Investigation	TIER 4 - under development	Medicolegal Death Investigation Workflow and Information Requirements
Medicolegal Death Investigation	TIER 4 - under development	Workload Limitations for Medicolegal Death Investigators
Medicolegal Death Investigation	TIER 4 - under development	Mass Fatality Management: Best Practice Recommendations for the Medicolegal Authority
Medicolegal Death Investigation	TIER 4 - under development	Media Communications Following a Mass Fatality Incident: Best Practice Recommendations for the Medicolegal Authority
Medicolegal Death Investigation	TIER 4 - under development	Ethical Considerations in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority
Medicolegal Death Investigation	TIER 4 - under development	Family Management Following a Mass Fatality Incident: Victim Information Center Best Practice Recommendations for Medicolegal Authorities
Medicolegal Death Investigation	TIER 4 - under development	Disaster Victim Identification Process: Best Practice Recommendations for the Medicolegal Authority
Seized Drugs	TIER 4 - under development	Standard Guide for Assessment of Infrared Spectroscopy Data During the Qualitative Analysis of Seized Drugs
Seized Drugs	TIER 4 - under development	Supplemental Document for the Standard Guide for Assessment of Gas Chromatography & Electron Ionization Mass Spectrometry Data
Seized Drugs	TIER 4 - under development	Standard Guide for Reporting of Seized Drug Analysis Results
Seized Drugs	TIER 4 - under development	Standard Guide for the Analysis of Negatives in Seized Drugs
Speaker Recognition	TIER 4 - under development	Validation of Forensic Speaker Recognition for the Purpose of Informing Legal Admissibility Decisions
Speaker Recognition	TIER 4 - under development	Best Practices for Forensic Human-Supervised Automatic Speaker Recognition: Pre-Processing and Relevant Population Data Selection
Speaker Recognition	TIER 4 - under development	Assessing Mismatch Conditions for Forensic Speaker Recognition

Speaker Recognition	TIER 4 - under development	Training Guidelines for Legal Professionals Handling Speaker Recognition Cases
Trace Materials	TIER 4 - under development	Standard Guide for Scanning Electron Microscopy (SEM)/Energy Dispersive Spectroscopy (EDS) Analysis of Soils and Geological Materials for Forensic Applications
Trace Materials	TIER 4 - under development	Standard Guide for Polarized Light Microscopy of Soils and Geological Materials for Forensic Applications
Trace Materials	TIER 4 - under development	Standard Practice for Interpretation and Report Writing in Forensic Comparisons of Trace Materials
Trace Materials	TIER 4 - under development	Standard Guide for Assessing Physical Characteristics in Forensic Tape Examinations
Trace Materials	TIER 4 - under development	Standard Guide for Using Light Microscopy in Forensic Tape Examinations
Trace Materials	TIER 4 - under development	Standard Practice for a Forensic Fiber Training Program
Trace Materials	TIER 4 - under development	Standard Practice for a Forensic Glass Analysis and Training Program
Trace Materials	TIER 4 - under development	Standard Guide for Using Pyrolysis Gas Chromatography and Pyrolysis Gas Chromatography-Mass Spectrometry in Forensic Polymer Examinations
Trace Materials	TIER 4 - under development	Standard Guide for Forensic Fiber Analysis and Comparison
Trace Materials	TIER 4 - under development	Standard Guide for Forensic Analysis of Fibers by Microspectrophotometry (MSP)
Video/Imaging Technology & Analysis	TIER 4 - under development	Standard Guide for Forensic Video Analysis
Video/Imaging Technology & Analysis	TIER 4 - under development	Standard Guide for Image Based Comparison Conclusions
Video/Imaging Technology & Analysis	TIER 4 - under development	Guidelines for the Forensic Use of Photogrammetry
Video/Imaging Technology & Analysis	TIER 4 - under development	Standard Guide for Source and Content Authentication
Video/Imaging Technology & Analysis	TIER 4 - under development	Standard Guidelines for Autopsy Photography
Wildlife Forensics	TIER 4 - under development	Wildlife Forensics Methods - Collection of Known Samples from Live Animals
Wildlife Forensics	TIER 4 - under development	Standard for the Development and Use of Allele Frequency and Population Genetics Databases
Wildlife Forensics	TIER 4 - under development	Standard for the Development and Use of In-House Sequence Databases for Taxonomic Assignment of Wildlife
Wildlife Forensics	TIER 4 - under development	Method for Geographic Assignment of Individual Animals
Wildlife Forensics	TIER 4 - under development	Validation of Wildlife Sequences in Public Databases
Wildlife Forensics	TIER 4 - under development	Wildlife Forensics Reference Collection Standards
Wildlife Forensics	TIER 4 - under development	Best Practices for Building New STR Panels in Wildlife Forensics
Wildlife Forensics	TIER 4 - under development	Genetic Methods to Determine an Individual of Potential Hybrid Origin
Wildlife Forensics	TIER 4 - under development	Criteria for Analyzing STR Data in Forensic Wildlife Cases When No Allelic Ladder is Available