

OSAC Registry - Standards Implementation Declaration

Declaration: This forensic science service provider (FSSP) has determined current compliance or has self-adopted, either in its entirety or partially, the following standards on the OSAC Registry in its standard operating procedures (SOP) manual(s) or quality manual. Standards may also be checked as not yet implemented, will not implement, or as not applicable.



Forensic Science
Service Provider

Address

FSSP Director Signature

Printed
Name

Date:

Note: Standards in **black text** are SDO published standards. Standards in **blue text** are OSAC Proposed Standards.

ANTHROPOLOGY		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Applicable
1. ANSI/ASB Best Practice Recommendation 089, <i>Best Practice Recommendation for Facial Approximation in Forensic Anthropology</i> , First Edition, 2020		Sep 07, 2021					Not Yet
BIOLOGY/DNA						If this discipline is not performed in your organization, check the box and continue to the next discipline	
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Applicable
1. ANSI/ASB Standard 018, <i>Standard for Validation of Probabilistic Genotyping Systems</i> , First Edition, 2020		May 04, 2021					Not Yet
2. ANSI/ASB Standard 020, <i>Standard for Validation Studies of DNA Mixtures, and Development and Verification of a Laboratory's Mixture Interpretation Protocol</i> , First Edition, 2018		May 12, 2020					
3. ANSI/ASB Standard 022, <i>Standard for Forensic DNA Analysis Training Programs</i> , First Edition, 2019		Sep 01, 2020					
4. ANSI/ASB Standard 023, <i>Standard for Training in Forensic DNA Isolation and Purification Methods</i> , First Edition, 2020		Aug 03, 2021					
5. ANSI/ASB Standard 040, <i>Standard for Forensic DNA Interpretation and Comparison Protocols</i> , First Edition, 2019		May 12, 2020					
6. ANSI/ASB Standard 110, <i>Standards for Training in Forensic Serological Methods</i> , First Edition, 2020		Aug 03, 2021					
7. ANSI/ASB Standard 115, <i>Standard for Training in Forensic Short Tandem Repeat Typing Methods using Amplification, DNA Separation, and Allele Detection</i> , First Edition, 2020		Aug 03, 2021					
8. ANSI/ASB Standard 116, <i>Standard for Training in Forensic DNA Quantification Methods</i> , First Edition, 2020		Aug 03, 2021					
9. ANSI/ASB Standard 130, <i>Standard for Training in Forensic DNA Amplification Methods for Subsequent Capillary Electrophoresis Sequencing</i> , First Edition, 2021		Apr 05, 2022					
10. ANSI/ASB Standard 131, <i>Standard for Training in Forensic DNA Sequencing Using Capillary Electrophoresis</i> , First Edition, 2021		Apr 05, 2022					
11. ANSI/ASB Standard 140, <i>Standard for Training in Forensic Human Mitochondrial DNA Analysis, Interpretation, Comparison, Statistical Evaluation, and Reporting</i> , First Edition, 2021		Apr 05, 2022					
12. OSAC 2020-N-0007, <i>Best Practice Recommendations for the Management and Use of Quality Assurance DNA Elimination Databases in Forensic DNA Analysis</i>		Apr 06, 2021					
13. OSAC 2020-S-0004, <i>Standard for Interpreting, Comparing and Reporting DNA Test Results Associated with Failed Controls and Contamination Events</i>		Jun 01, 2021					
BLOODSTAIN PATTERN ANALYSIS		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Applicable
1. ASB Technical Report 033, <i>Terms and Definitions in Bloodstain Pattern Analysis</i> , First Edition, 2017		Jun 03, 2020					Not Yet
2. OSAC 2021-N-0039, <i>Standard for a Mentorship Program in Bloodstain Pattern Analysis</i>		Apr 05, 2022					
CRIME SCENE INVESTIGATION		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Applicable
1. OSAC 2021-N-0015, <i>Guiding Principles for Scene Investigation and Reconstruction</i>		Sep 07, 2021					Not Yet
2. OSAC 2021-N-0016, <i>Standard for Initial Response at Scenes by Law Enforcement</i>		Sep 07, 2021					

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DIGITAL EVIDENCE		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet Applicable
1. ASTM E2916-19e1, <i>Standard Terminology for Digital and Multimedia Evidence Examination</i> (Note: Drafted in collaboration with OSAC's Facial Identification and VITAL Subcommittees and also noted below under these headings)		Jul 07, 2020					
2. ASTM E3017-19, <i>Standard Practice for Examining Magnetic Card Readers</i>		Jul 07, 2020					
3. ASTM E3150-18, <i>Standard Guide for Forensic Audio Lab Setup and Maintenance</i>		Jul 07, 2020					
DOGS & SENSORS		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet Applicable
1. ASB Technical Report 025, <i>Crime Scene/Death Investigation - Dogs and Sensors - Terms and Definitions</i> , First Edition, 2017		Oct 01, 2019					
2. ANSI/ASB Standard 085, <i>Standard for Detection Canine Selection, Kenneling, and Healthcare</i> , First Edition, 2021		Apr 05, 2022					
3. ANSI/ASB Standard 088, <i>General Guidelines for Training, Certification, and Documentation of Canine Detection Disciplines</i> , First Edition 2020		Apr 05, 2022					
FACIAL IDENTIFICATION		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet Applicable
1. ASTM E2916-19e1, <i>Standard Terminology for Digital and Multimedia Evidence Examination</i> (Note: Drafted in collaboration with OSAC's Digital Evidence & VITAL Subcommittees and also noted under these headings)		Jul 07, 2020					
2. ASTM E3115-17, <i>Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems</i>		Oct 01, 2019					
3. ASTM E3148-18, <i>Standard Guide for Postmortem Facial Image Capture</i>		Oct 01, 2019					
4. ASTM E3149-18, <i>Standard Guide for Facial Image Comparison Feature List for Morphological Analysis</i>		Feb 14, 2019					
5. OSAC 2020-S-0002, <i>Physical Stability of Facial Features of Adults</i> (Note: This is an annex to ASTM E3149-18, above)		Jun 01, 2021					
FIRE & EXPLOSION INVESTIGATION		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet Applicable
1. NFPA 921:2021, <i>Guide for Fire and Explosion Investigation</i> (Note: This 2021 version replaced the previous 2017 version on the Registry)		Sep 06, 2022					
2. NFPA 1033:2022, <i>Standard for Professional Qualifications for Fire Investigator</i> (Note: This 2022 version replaced the previous 2014 version on the Registry)		Sep 06, 2022					
FIRE DEBRIS		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet Applicable
1. ASTM E1388-17, <i>Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples</i>		Dec 01, 2020					
2. ASTM E1412-19, <i>Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal</i>		Dec 01, 2020					
3. ASTM E1413-19, <i>Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbent Tube</i>		Dec 01, 2020					
4. ASTM E2451-21, <i>Standard Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples</i>		Apr 05, 2022					
5. ASTM E3189-19, <i>Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube</i>		Dec 01, 2020					
6. ASTM E3196-21, <i>Standard Terminology Relating to the Examination of Explosives</i>		Jul 05, 2022					
7. ASTM E3197-20, <i>Standard Terminology Relating to Examination of Fire Debris</i>		Apr 06, 2021					
8. ASTM E3245-20e1, <i>Standard Guide for Systematic Approach to the Extraction, Analysis, and Classification of Ignitable Liquids and Ignitable Liquid Residues in Fire Debris Samples</i>		May 04, 2021					
9. ASTM E3253-21, <i>Standard Practice for Establishing an Examination Scheme for Intact Explosives</i>		Jul 05, 2022					
10. ASTM E3329-21, <i>Standard Practice for Establishing an Examination Scheme for Explosive Residues</i>		Jul 05, 2022					

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FIREARMS & TOOLMARKS		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ANSI/ASB Standard 061, <i>Firearms and Toolmarks 3D Measurement Systems and Measurement Quality Control</i> , First Edition, 2021		Mar 01, 2022					
2. ANSI/ASB 062, <i>Standard for Topography Comparison Software for Toolmark Analysis</i> , First Edition, 2021		Aug 02, 2022					
3. ANSI/ASB 063, <i>Implementation of 3D Technologies in Forensic Firearm and Toolmark Comparison Laboratories</i> , First Edition, 2021		Aug 02, 2022					
4. ANSI/ASB Best Practice Recommendation 068, <i>Safe Handling of Firearms and Ammunition</i> , First Edition, 2020		Apr 06, 2021					
5. ANSI/ASB Standard 093, <i>Standard Test Method for the Forensic Examination and Testing of Firearms</i> , First Edition, 2020		Nov 02, 2021					
FOOTWEAR & TIRE		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ANSI/ASB Best Practice Recommendation 021, <i>Best Practices for the Preparation of Test Impressions from Footwear and Tires</i> , First Edition, 2019		May 04, 2021					
2. ANSI/ASB Best Practice Recommendation 049, <i>Best Practice Recommendation for Lifting of Footwear and Tire Impressions</i> , First Edition, 2020		Sep 07, 2021					
FRICTION RIDGE		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ASTM E3235-21, <i>Standard Practice for Latent Print Evidence Imaging Resolution</i> (Note: This standard was drafted by the Video/Imaging Technology & Analysis Subcommittee and is also included under that section below)		Jun 07, 2022					
2. OSAC 2021-N-0020, <i>Best Practice Recommendations for Limited Examinations</i>		Apr 05, 2022					
3. OSAC 2022-S-0012, <i>Standard for Proficiency Testing in Friction Ridge Examination</i>		Jun 07, 2022					
4. OSAC 2022-N-0033, <i>Standard for Processing Evidence for the Detection of Friction Ridge Impressions</i>		Sep 06, 2022					
GUNSHOT RESIDUE		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ASTM E1588-20, <i>Standard Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry</i>		Sep 07, 2021					
2. ASTM E3309-21, <i>Standard Guide for Reporting of Forensic Primer Gunshot Residue (pGSR) Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS)</i>		Sep 06, 2022					
3. OSAC 2021-N-0009, <i>Standard Practice for the Collection and Preservation of Organic Gunshot Residue</i>		Dec 07, 2021					
MEDICOLEGAL DEATH INVESTIGATION		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ANSI/ASB Best Practice Recommendation 007, <i>Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases</i> , First Edition, 2018		Sep 05, 2019					
2. ANSI/ASB Best Practice Recommendation 008, <i>Mass Fatality Scene Processing: Best Practice Recommendations for the Medicolegal Authority</i> , First Edition, 2021		Apr 05, 2022					
3. 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, 2019		Sep 07, 2021					
4. ANSI/ASB Best Practice Recommendation 010, <i>Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority</i> , First Edition, 2018		Sep 05, 2019					
5. ANSI/ASB Best Practice Recommendation 094, <i>Postmortem Impression Recovery: Guidance and Best Practices for Disaster Victim Identification</i> , First Edition, 2021		Apr 05, 2022					
6. OSAC 2021-N-0007, <i>Media Communications Following a Mass Fatality Incident: Best Practice Recommendations for the Medicolegal Authority</i>		Aug 03, 2021					
7. OSAC 2021-N-0008, <i>Victim Accounting: Best Practice Recommendations for Medicolegal Authorities in Mass Fatality Management</i>		Aug 03, 2021					
8. OSAC 2022-N-0026, <i>Medicolegal Death Investigation: Terms and Definitions</i>		Sep 06, 2022					

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ODONTOLOGY		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ANSI/ADA 1058-2010D, <i>Forensic Dental Data Set</i>		Feb 14, 2019					
2. ADA 1077-2020, <i>Human Age Assessment by Dental Analysis</i>		Nov 02, 2021					
3. ADA 1088-2017D, <i>Human Identification by Comparative Dental Analysis</i>		Mar 07, 2019					
4. OSAC 2021-N-0030, <i>Terminology for a Suspected Pattern of Dental Origin</i>		Apr 05, 2022					
SEIZED DRUGS		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ASTM E1968-19, <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Cocaine</i>		Jul 06, 2021					
2. ASTM E1969-19, <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Methamphetamine and Amphetamine</i>		Jul 06, 2021					
3. ASTM E2125-19, <i>Standard Practice for Microcrystal Testing in Forensic Analysis for Phencyclidine and its Analogs</i>		Jul 06, 2021					
4. ASTM E2329-17, <i>Standard Practice for Identification of Seized Drugs</i>		Aug 07, 2018					
5. ASTM E2548-16, <i>Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis</i> (Note: The 2016 version replaced the previous 2011 version on the Registry)		Jun 01, 2021					
6. ASTM E2882-19, <i>Standard Guide for Analysis of Clandestine Drug Laboratory Evidence</i>		Jul 06, 2021					
7. ASTM E3255-21, <i>Standard Practice for Quality Assurance of Forensic Science Service Providers Performing Forensic Chemical Analysis</i>		Nov 02, 2021					
TOXICOLOGY		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ANSI/ASB Standard 017, <i>Standard Practices for Measurement Traceability in Forensic Toxicology</i> , First Edition, 2018		Jun 18, 2019					
2. ANSI/ASB Standard 036, <i>Standard Practices for Method Validation in Forensic Toxicology</i> , First Edition, 2019		Jul 07, 2020					
3. ANSI/ASB Best Practice Recommendation 037, <i>Guidelines for Opinions and Testimony in Forensic Toxicology</i> , First Edition, 2019		Nov 05, 2019					
4. ANSI/ASB Standard 053, <i>Standard for Report Content in Forensic Toxicology</i> , First Edition, 2020		Mar 02, 2021					
5. ANSI/ASB Standard 054, <i>Standard for a Quality Control Program in Forensic Toxicology Laboratories</i> , First Edition, 2021.		Sep 06, 2022					
6. ANSI/ASB Standard 119, <i>Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Blood in Medicolegal Death Investigations</i> , First Edition, 2021		Sep 06, 2022					
7. ANSI/ASB Standard 120, <i>Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Blood in Impaired Driving Investigations</i> , First Edition, 2021.		Sep 06, 2022					
8. ANSI/ASB Standard 121, <i>Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Urine in Drug-Facilitated Crime Investigations</i> , First Edition, 2021		May 03, 2022					
9. ANSI/ASB Standard 152, <i>Standard for the Minimum Content Requirements of Forensic Toxicology Procedures</i> , First Edition, 2021		Sep 06, 2022					
10. OSAC 2020-S-0003, <i>Guidelines for Performing Alcohol Calculations in Forensic Toxicology</i>		May 03, 2022					
TRACE EVIDENCE		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard		Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet
1. ASTM E1610-18, <i>Standard Guide for Forensic Paint Analysis and Comparison</i>		Jun 26, 2018					
2. ASTM E1967-19, <i>Standard Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope</i>		Jul 07, 2020					
3. ASTM E2330-19, <i>Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparisons</i>		Jul 07, 2020					
4. ASTM E2808-21a, <i>Standard Guide for Microspectrophotometry in Forensic Paint Analysis</i>		Feb 01, 2022					
5. ASTM E2926-17, <i>Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (μ-XRF) Spectrometry</i>		Jul 31, 2017					

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6. ASTM E2927-16e1, Standard Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Mass Spectrometry for Forensic Comparisons	Jun 05, 2018
7. ASTM E2937-18, Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations	Jun 26, 2018
8. ASTM E3085-17, Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations	Sep 11, 2018
9. ASTM E3233-20, Standard Practice for Forensic Tape Analysis Training Program	Nov 03, 2020
10. ASTM E3234-20, Standard Practice for Forensic Paint Analysis Training Program	Nov 03, 2020
11. ASTM E3260-21, Standard Guide for Forensic Examination and Comparison of Pressure Sensitive Tapes	Oct 05, 2021
12. ASTM E3272-21, Standard Guide for Collection of Soils and Other Geological Evidence for Criminal Forensic Applications	Sep 07, 2021

VIDEO/IMAGING TECHNOLOGY & ANALYSIS		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard	Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet	Not Applicable
1. ASTM E2916-19e1, Standard Terminology for Digital and Multimedia Evidence Examination (Note: Drafted in collaboration with OSAC's Digital Evidence and Facial Identification Subcommittees and also noted under these headings)	Jul 07, 2020						
2. ASTM E3235-21, Standard Practice for Latent Print Evidence Imaging Resolution	Jun 07, 2022						
3. OSAC 2021-S-0013, Standard Guide for Post Mortem Examination Photography	Mar 01, 2022						
4. OSAC 2021-S-0027, Standard Guide for Laboratory Photography	Jul 05, 2022						

WILDLIFE FORENSIC BIOLOGY		If this discipline is not performed in your organization, check the box and continue to the next discipline					
Standard	Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet	Not Applicable
1. ANSI/ASB Standard 019, Wildlife Forensics General Standards, First Edition, 2019	Mar 02, 2021						
2. ANSI/ASB Standard 028, Wildlife Forensics Morphology Standards, First Edition, 2019	Jun 03, 2020						
3. ANSI/ASB Standard 029, Report Writing in Wildlife Forensics: Morphology and Genetics, First Edition, 2019	Mar 02, 2021						
4. ANSI/ASB Standard 047, Wildlife Forensics Validation Standard—Validating New Primers for Sequencing, First Edition, 2019	Jun 03, 2020						
5. OSAC 2021-N-0001, Wildlife Forensics Method—Collection of Known DNA Samples from Domestic Mammals	Apr 06, 2021						
6. OSAC 2021-S-0006, Standard for the Use of GenBank for Taxonomic Assignment of Wildlife	Nov 02, 2021						

INTERDISCIPLINARY		If none of the following is performed in your organization, check the box					
Standard	Date added to OSAC Registry	Implemented (Full)	Implemented (Partial)	Implemented/Undecided	Will Not Implement	Not Yet	Not Applicable
1. ANSI/NIST ITL-1:2011 (Update 2015), Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information	Nov 03, 2020						
2. ASTM E2917-19a, Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs	Nov 05, 2019						
3. ASTM E3255-21, Standard Practice for Quality Assurance of Forensic Science Service Providers Performing Forensic Chemical Analysis	Nov 02, 2021						
4. ISO/IEC 17020:2012, Conformity Assessment—Requirements for the Operation of Various Types of Bodies Performing Inspection	Apr 18, 2017						
5. ISO/IEC 17025:2017, General Requirements for the Competence of Testing and Calibration Laboratories	Jun 18, 2019						
6. ISO/IEC 21043-2, Forensic Sciences - Part 2: Recognition, recording, collecting transport and storage of items	Dec 03, 2019						

COMMENTS (optional):