



BULLETIN STANDARDS

September 2019

Bulletin Summary

This Bulletin provides an update on forensic science standards that are moving through the Registry Approval Process at the [Organization of Scientific Area Committees for Forensic Science \(OSAC\)](#) and those that are moving through the development process at standards developing organizations (SDOs).

New Standards Placed on the OSAC Registry: Two (2) documents

OSAC Registry Standards Open for Comment: Three (3) documents

SDO Documents Open for Comment: Twelve (12) documents

Please consider providing comments on documents that are open for comment.



The [OSAC Registry](#) serves as a trusted repository of high-quality, science-based standards and guidelines for forensic science practice. A document included on the Registry has progressed through the formal SDO process and has been published as a standard. OSAC elevates standards to the OSAC Registry as an endorsement of the document's high quality and to encourage its adoption by relevant stakeholders in the forensic science community.

New Documents on the OSAC Registry

OSAC is excited to announce the following two standards have been placed on the OSAC Registry:



[ANSI/ASB Best Practice Recommendation 007, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases, First Edition, 2018 \(Disaster Victim Identification Subcommittee; effective September 5, 2019\)](#)



[ANSI/ASB Best Practice Recommendation 010, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority, First Edition, 2018](#) (*Disaster Victim Identification Subcommittee; effective September 5, 2019*)

Intent to Add to the OSAC Registry – Items Open for Comment

OSAC is currently seeking feedback on whether the following standards should be included on the [OSAC Registry](#):

- [ASTM E3115-17 Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems](#). [Submit your comments](#) by 11:59 PM ET on **September 5, 2019**.
- [ASTM E3148-18 Standard Guide for Postmortem Facial Image Capture](#). [Submit your comments](#) by 11:59 PM on **September 5, 2019**.
- ISO 21043-2 Forensic Sciences – Part 2: Recognition, recording, collecting, transport and storage of items. [Submit your comments](#) by 11:59 PM ET on **October 4, 2019**. To view the document, please follow the instructions in the comment link.

Standards Moving through the OSAC Registry Approval Process

The following standards have moved from one step in the [OSAC Registry Approval Process](#) to another during the last month:

Documents in Comment Adjudication Phase:

- [ASB Technical Report 025, Crime Scene Death Investigation – Dogs and Sensors – Terms and Definitions, First Edition, 2017](#)

Documents at FSSB for Vote for Placement on the Registry:

- [ANSI/ASB 037, Best Practice Recommendation, Guidelines for Opinions and Testimony in Forensic Toxicology, First Edition, 2019](#)
- [ASTM E2917-19a Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs](#)

For a list of standards currently under consideration, please visit the [OSAC website](#).

If your organization is on the “tip of the spear” and has already embraced the Registry implementation efforts, let us know! Please email mark.stolorow@nist.gov to share what [Registry Standards](#) your organization has implemented.

SDO News

New or Revised Standards

ASTM International (developed by [Committee E30.01](#))

- [ASTM E2882 Standard Guide for Analysis of Clandestine Drug Laboratory Evidence](#) has been revised to E2882-19.

Comment Period Open on Draft Documents

American Academy of Forensic Science Standards Board (ASB):

- Re-circulation* – [ASB 053, Standard for Report Content in Forensic Toxicology](#). This new document sets minimum content requirements for forensic toxicology reports and defines the critical elements of the report, explains acceptable reporting language, and provides instructions on issuing supplemental or amended reports. **Comments due September 16, 2019.**
- Recirculation* – [ASB 099, Standard Footwear/Tire Examination Proficiency Testing Program](#). This document outlines the requirements for proficiency test providers and footwear and tire examiners for creating proficiency tests appropriate for use by a footwear and tire examiner. **Comments due September 16, 2019.**
- Recirculation* – [ASB 032, Standards for a Bloodstain Pattern Analyst's Training Program](#). This document provides minimum pre-training educational requirements for an individual currently in, or entering, a bloodstain pattern analyst training program and the minimum training requirements that a trainee must successfully complete prior to practicing as a bloodstain pattern analyst. **Comments due September 23, 2019.**
- [ASB 023, Standard for Training in Forensic DNA Isolation and Purification Methods](#). This document provides requirements to ensure proper training in the methods of DNA isolation and purification used within the trainee's forensic DNA laboratory. **Comments due September 30, 2019.**
- [ASB 115, Standard for Training in Forensic Short Tandem Repeat Typing Methods using Amplification, DNA Separation, and Allele Detection](#). This document provides the requirements of a forensic DNA laboratory's training program in forensic short tandem repeats (STR) typing methods using amplification, DNA separation and allele detection. **Comments due September 30, 2019.**
- [ASB 116, Standard for Training in Forensic DNA Quantification Methods](#). This document provides the requirements for a forensic DNA laboratory's training program in DNA quantification. **Comments due September 30, 2019.**
- [ASB 030, Standard for a Quality Assurance Program in Bloodstain Pattern Analysis](#). This document provides requirements for establishing and maintaining a documented quality assurance program in bloodstain pattern analysis to forensic service providers. **Comments due October 7, 2019.**
- Recirculation* – [ASB 038, Standard for Internal Validation of Forensic DNA Analysis Methods](#). This document details the general requirements for performing an internal validation of all forensic DNA analysis methods within a forensic DNA laboratory. **Comments due October 14, 2019.**
- [ASB 077, Standard for the Developmental and Internal Validation of Forensic Serological Methods](#). This document provides requirements for developmental and internal validations of forensic serological methods to evaluate body fluids, stains, or residues related to forensic investigations. **Comments due October 14, 2019.**
- Recirculation* – [ASB 089, Best Practice Recommendation for Facial Approximation in Forensic Anthropology](#). This document provides guidance for facial approximation from skeletal remains. **Comments due October 14, 2019.**
- [ASB 105, Minimum Education Requirements for Firearm and Toolmark Examiner Trainees](#). This document provides the minimum education requirements for forensic laboratory applicants and employees entering a training program in firearm and toolmark examination. **Comments due October 14, 2019.**

For the ASB documents listed above, please download the [comment template](#) and return it to asb@aafs.org by the comment deadline.

*Please note that comments on a re-circulation will only be accepted on revised sections of a document, comments made to text not revised from the original comment period will not be accepted.

ASTM:

- [WK69622 – New Practice for Standard Practice for Report Writing of Forensic Primer Gunshot Residue \(pGSR\) Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry \(SEM/EDS\)](#). **Comments due 11:59 PM ET on September 29, 2019.**

Other News

OSAC's Crime Scene Investigation Subcommittee and ASTM are working together to [propose a new standard](#) for crime scene investigator training, continuing education, professional development, certification, and accreditation.



Save the date for the NIST and NIJ [Evidence Management Conference](#) on October 2-4 on the NIST Gaithersburg campus. There is no fee for this event, but all attendees must be pre-registered to gain entry to the NIST campus. Be sure to [register](#) by **September 25!**