



# OSAC Standards Bulletin

May 2018

## BULLETIN SUMMARY

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

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

**OSAC Registry Standards open for comment: 2 Items**

**SDO Documents open for comment: 3 Items**

---

## OSAC REGISTRY NEWS

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

ASTM E1610-18, Standard Guide for Forensic Paint Analysis and Comparison  
[Read the standard](#) or [submit a comment](#) by May 9, 2018, 11:59pm EDT.

ASTM E2937-18, Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations  
[Read the standard](#) or [submit a comment](#) by May 9, 2018, 11:59pm EDT.

### Standards Moving Through the OSAC Registry Approval Process

This section only lists standards that moved from one step in the OSAC Registry Approval Process to another during the last month. A list of all standards currently under consideration is available on [the OSAC website](#).

[ASTM E2927-16 Standard Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Plasma Mass Spectrometry for Forensic Comparisons](#) moved to **Standards in the Appeals Phase**.

### OSAC Draft Standards Submitted to Standards Developing Organizations (SDOs)

OSAC developed the following draft standards and has submitted them to SDOs for formal development:

#### [Firearms and Toolmarks](#)

The following draft standards were submitted to American Academy of Forensic Sciences (AAFS) Academy Standards Board (ASB):

- [Best Practice Recommendations for the Safe Handling of Firearms and Ammunition](#)

---

## STANDARDS DEVELOPING ORGANIZATION (SDO) NEWS

### Comment Period Open on Draft Documents

#### American Academy of Forensic Sciences (AAFS) Academy Standards Board (ASB):

ASB Standard 019, *Wildlife Forensics General Standards*, First Edition (**Comment deadline: May 14, 2018**)

ASB Standard 029, *Report Writing in Wildlife Forensics*, First Edition (**Comment deadline: May 14, 2018**)

ASB Standard 035, *Standard for the Examination of Documents for Alterations*, First Edition (**Comment deadline: May 14, 2018**)

Please visit the [Notification of Standard Development and Coordination](#) area of the AAFS Standards Board website to view the comment resolutions from the initial public comment periods, the updated documents, and redline versions of the documents. The comment template can also be downloaded from the website. Please send any questions to [asb@aafs.org](mailto:asb@aafs.org).

### New Work Proposals for New or Revised Standards

#### American Academy of Forensic Science (AAFS) Academy Standards Board (ASB):

- [Project Initiation Notification System \(PINS\)](#) were published on page 114, in *ANSI Standards Action* on April 20, 2018. This will begin a 30-day period for public comment on the initiation of the ASB's work on the document listed below:

BSR/ASB Std 069-201x, Test Method for Measuring Barrel and Overall Length of Firearms (new standard) Provide a standard for the measuring of barrel and overall lengths of firearms by a forensic firearm and toolmark examiner.

- [Project Initiation Notification System \(PINS\)](#) were published on page 14, in *ANSI Standards Action* on April 27, 2018. This will begin a 30-day period for public comment on the initiation of the ASB's work on the document listed below:

BSR/ASB BPR 087-201x, Pest and Insect Canine Detection (new standard) This document provides requirements for training, certifying, and documenting the performance of pest/insect detector canines.

BSR/ASB Std 032-201x, Standards for Minimum Training and Education Requirements for Bloodstain Pattern Analysts (new standard) This document provides educational requirements for an individual currently in, or entering into, a bloodstain pattern analyst training program and the minimum training requirements that a trainee must successfully complete to become a qualified analyst.

BSR/ASB Std 075-201x, Human Remains Detection in Water (new standard) To state requirements for the training, certification, and documentation pertaining to canine teams trained to search for human remains in water.

BSR/ASB Std 081-201x, Standard for Training in the Use of Statistics in Interpretation of Forensic DNA Evidence (new standard) This standard defines the minimum requirements that shall be met in a training program for the use of statistical methods approved within the laboratory for interpretation of forensic DNA evidence.

BSR/ASB Std 085-20 1x, Detection Canine Selection, Kenneling and Healthcare (new standard) This standard covers requirements for the selection, kenneling and healthcare pertaining to detection canines. It does not include training methodology standards.

## Revised Standards

This revised standard is eligible for consideration by the OSAC:

### **ASTM International E30.12 Digital Evidence & Multimedia:**

ASTM E2825 – 18 Standard Guide for Forensic Digital Image Processing

---

## OTHER NEWS

### **Research Needs Identified by OSAC Toxicology Subcommittee**

- [Data Analytics in Forensic Toxicology](#)
- [The Role and Impact of Pharmacogenetics and Pharmacogenomics in Forensic Toxicology](#)

### **ASTM Standards Access**

The Organization of Scientific Area Committees (OSAC) for Forensic Science through the National Institute of Standards and Technology (NIST) has an existing [contract with ASTM International](#) that gives 30,000 public criminal justice agencies free access to standards published under ASTM Technical Committee E30 on Forensic Science. This agreement applies to the following stakeholder groups:

- OSAC Members & Affiliates – approximately 750 individuals
- NIST and Federal/State/Local Crime Laboratories – approximately 412 laboratories
- Public Defenders Offices – approximately 6,000 offices
- Law Enforcement Agencies – approximately 18,000 offices
- Prosecutor Offices – approximately 3,000 offices
- Medical Examiner/Coroners Offices – approximately 3,000 offices