



# OSAC Standards Bulletin

## March 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: 0 Items**

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

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### OSAC REGISTRY NEWS

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

There is currently nothing open for comment in the OSAC Registry Approval Process.

#### 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 E2329-17 Standard Practice for Identification of Seized Drugs](#) moved to **Standards in the Comment Adjudication Phase**.

[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 at FSSB for Vote**.

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

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

##### [Disaster Victim Identification](#)

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

- [Best Practices Recommendations for DNA Analysis for Human Identification in Mass Fatality Incidents](#)
- [Examination of Human Remains by Forensic Pathologists in the Disaster Victim Identification Context](#)

- [Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority](#)
- [Mass Fatality Incident Data Management: Best Practice Recommendations for the Medicolegal Authority](#)
- [Mass Fatality Scene Processing: Best Practice Recommendations for the Medicolegal Authority](#)
- [Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases](#)

## STANDARDS DEVELOPING ORGANIZATION (SDO) NEWS

### Comment Period Open on Draft Documents

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

ASB Standard 011, *Scope of Expertise in Forensic Document Examination*, First Edition (**Comment period closes March 26, 2018**) *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 public comment period will not be accepted.*

ASB Standard 022, *Standard for Forensic DNA Analysis Training Programs*, First Edition (**Comment deadline, March 19, 2018**)

ASB Standard 040, *Standard for Forensic DNA Interpretation and Comparison Protocols*, First Edition (**Comment deadline, March 5, 2018**)

Please visit the [Notification of Standard Development and Coordination](#) area of the AAFS Academy 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 27, in *ANSI Standards Action* on February 9, 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 027-201x, Crime Scene/Death Investigation Dogs and Sensors - Patrol Dogs: Tracking/Trailing/Area Search/Building Search/Evidence Search of One or More Persons Based on Last Known Position

- [Project Initiation Notification System \(PINS\)](#) were published on page 14, in *ANSI Standards Action* on February 23, 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 044-201x, Standard for the Examination of Documents for Indentations (new standard). This standard summarizes commonly accepted techniques, technologies, and procedures in examinations of indentations found on paper and other writing or printing media

BSR/ASB Std 057-201x, Standard for the Scope and Sensitivity of Forensic Toxicological Testing (new standard). This document defines the minimum scope and sensitivity for forensic

toxicology laboratory casework. The document identifies the analytes for which a forensic toxicology laboratory shall possess validated methods. Such methods are based on the scope of testing and the sensitivity (or minimum performance limits) for which these analytes must be tested. This document is limited to the testing of biological samples in forensic cases involving driving-under-the-influence of drugs (DUI/DUID), drug-facilitated crimes (DFC), and medicolegal death investigations (MDI).

## Revised/Reapproved Standards

These revised/reapproved standards are eligible for consideration by OSAC:

### ASTM International E30.01 Criminalistics:

- [ASTM E1610 - 18 Standard Guide for Forensic Paint Analysis and Comparison](#)
- [ASTM E2937 - 18 Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations](#)

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## OTHER NEWS

### Research Needs Identified by OSAC Fire Debris and Explosives Subcommittee

- [Concentration of Extracts Containing Volatile/Unstable Explosives](#)
- [Identifying Post-Blast Residue of Liquid Explosives](#)
- [Potential Transformation of Chlorate to Perchlorate and Visa-Versa During Explosion](#)
- [Research and Evaluation of Storage Conditions for Archiving Extracts from Fire Debris Samples](#)
- [Source Attribution for Post-Blast Residues](#)