



OSAC Standards Bulletin

July 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

OSAC REGISTRY NEWS

New Approved Standards on OSAC Registry

ASTM E2937-18: Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations was **Approved for the OSAC Registry** (Materials Trace Subcommittee, June 18, 2018)

ASTM E1610-18: Standard Guide for Forensic Paint Analysis and Comparison was **Approved for the OSAC Registry** (Materials Trace Subcommittee, June 13, 2018)

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 the **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:

[Facial Identification Subcommittee](#)

The following draft standards were submitted to ASTM E30.12 Digital and Multimedia Evidence:

- WK58704, Facial Image Comparison Feature List for Morphological Analysis

[Materials \(Trace\) Subcommittee](#)

The following draft standards were submitted to ASTM E30.01 Criminalistics:

- E1967-2011A, Test Method for the Automated Determination of Refractive Index of Glass Samples using the Oil Immersion Method and a Phase Contrast Microscope

- E2330-2012, Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) for Forensic Comparisons
- WK56743, Practice for Training in the Forensic Examination of Human Hair by Microscopy
- Revision of E2224-2010, Guide for Forensic Analysis of Fibers by Infrared Spectroscopy
- Revision of E2225-2010, Guide for Forensic Examination of Fabrics and Cordage
- Revision of E2228-2010, Guide for Microscopical Examination of Textile Fibers

STANDARDS DEVELOPING ORGANIZATION (SDO) NEWS

Comment Period Open on Draft Documents

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

Re-circulation – ASB Best Practice Recommendation 037, *Guidelines for Opinions and Testimony in Forensic Toxicology*, First Edition (**Comment deadline, August 6, 2018**)

ASB Standard 038, *Standard for Internal Validation of Forensic DNA Testing Methods*, First Edition (**Comment deadline, August 6, 2018**)

ASB Best Practice Recommendation 006, *Best Practices Recommendations for DNA Analysis for Human Identification in Mass Fatality Incidents*, First Edition (**Comment Deadline, August 13, 2018**)

Please visit the [Notification of Standard Development and Coordination](#) area of the AAFS Standards Board website to view the draft document and to provide comments. Please send any questions to 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 \(PINS\)](#) was published on page 17, in *ANSI Standards Action* on June 15, 2018. This will begin a 30-day period for public comment on the initiation of the ASB's work on the documents listed below:

BSR/ASB Std 080-201x, Standard for Training to Perform Forensic DNA Reporting and Review (new standard)

This standard provides the minimum training requirements for analysts: (1) Preparing forensic DNA reports and/or notifications, and (2) performing technical and/or administrative reviews on forensic DNA case records and reports.

- [Project Initiation Notification System \(PINS\)](#) was published on page 14, in *ANSI Standards Action* on July 6, 2018. This will begin a 30-day period for public comment on the initiation of the ASB's work on the documents listed below:

BSR/ASB Std 065-201x, Standard Test Method for Function and Operability Testing of Firearms (new standard) This document provides standard test procedures for conducting function testing including operability testing of a firearm by a forensic firearm and toolmark examiner or technician. This standard includes the preliminary examination of firearms, up to test firing.

ASTM International E30.12 Digital and Multimedia Evidence:

- ASTM [WK58704, Facial Image Comparison Feature List for Morphological Analysis](#)
- ASTM [WK63874, Standard Terminology for Digital and Multimedia Evidence Examination](#) is a work item revision to existing standard E2916-13
- ASTM [WK63926, Guide for Repair and Recovery of Damaged Audio Media](#)

New Standards

These new standards are eligible for consideration by the OSAC:

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

- ANSI/ASB Standard 017, Standard Practices for Measurement Traceability in Forensic Toxicology. The standard defines the minimum requirements for establishing measurement traceability in forensic toxicology laboratories.

ASTM E30 Forensic Sciences

- E1732:18 Standard Terminology Relating to Forensic Science
- 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
- E3016:18 Standard Guide for Establishing Confidence in Digital and Multimedia Evidence Forensic Results by Error Mitigation Analysis (revised with title change.) This update incorporated changes recommended by the statisticians at OSAC and better integrates with the broader digital multimedia evidence community.

OTHER NEWS

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

The AAFS Standards Board (ASB) is pleased to announce the publication of ***ANSI/ASB Standard 017, Standard Practices for Measurement Traceability in Forensic Toxicology***. The standard defines the minimum requirements for establishing measurement traceability in forensic toxicology laboratories.

The standard establishes traceability of a measurement to ensure confidence and reliability in forensic toxicological test results. **It was developed by the Toxicology Subcommittee of the Organizational Scientific Area Committee for Forensic Science** and was prepared and finalized as an American National Standard by the Toxicology Consensus Body of the ASB.

This and all ASB documents are available for download in the [Published Documents](#) portion of the ASB website. (www.aafs.org).