

OSAC Registry Approved Standards

FY 2019



The Organization of Scientific Area Committees (OSAC) for Forensic Science Registry serves as a trusted repository of high-quality, science-based standards and guidelines that address discipline-specific forensic science needs. Documents posted on the OSAC Registry have been developed using a consensus-based process that allows participation and comment from all relevant stakeholders and have been assessed to be sound by forensic science practitioners, academic researchers, measurement scientists and statisticians.

The following **19** documents were effective on the OSAC Registry at the end of fiscal year 2019 (ending September 30, 2019):

Disaster Victim Identification

- ASB 007, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Database (*effective September 5, 2019*).
- ASB 010, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority (*effective September 5, 2019*).

Facial Identification

- ASTM E3149-18 Standard Guide for Facial Image Comparison Feature List for Morphological Analysis (*effective February 14, 2019*).

Fire and Explosion Investigation

- NFPA 921:2017 Guide for Fire and Explosion Investigations (*effective November 1, 2017*).
- NFPA 1033:2014 Standard for Professional Qualifications for Fire Investigator (*effective December 22, 2016*).

Materials (Trace)

- ASTM E3085-17 Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations (*effective September 11, 2018*).
- ASTM E1610-18 Standard Guide for Forensic Paint Analysis and Comparison (*effective June 26, 2018*).
- ASTM E2937-18 Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations (*effective June 26, 2018*).
- ASTM E2927-16e1 Standard Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Plasma Mass Spectrometry for Forensic Comparisons (*effective June 5, 2018*).
- ASTM E2926-17 Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (μ -XRF) Spectrometry (*effective July 31, 2017*).

Odontology

- ADA 1088-2017D Human Identification by Comparative Dental Analysis (*effective March 7, 2019*).
- ANSI/ADA 1058-2010D Forensic Dental Data Set (*effective February 14, 2019*).

Seized Drugs

- ASTM E2329-17 Standard Practice for Identification of Seized Drugs (*effective August 7, 2018*).
- ASTM E2548-11e1 Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis (*effective April 3, 2017*).

Toxicology

- ASB 017, Standard Practices for Measurement Traceability in Forensic Toxicology, First Edition, 2018 (*effective June 18, 2019*).

Interdisciplinary

- ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (*effective June 18, 2019*).
- ANSI/NIST ITL-1:2011 (Update 2013) Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (*effective July 13, 2017*).
- ISO/IEC 17020:2012 Conformity Assessment – Requirements for the Operation of Various Types of Bodies Performing Inspection (*effective April 18, 2017*).
- ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (*effective September 27, 2016*).

