

Materials Road Map, Expansion 1

Paint Examination

Tape Examination

General Paint Guideline

E1610 - Standard Guide for Forensic Paint Analysis and Comparison

General Tape Guideline

Standard Guide for Forensic Tape Analysis and Comparison

Currently being developed

Microscopy of Paint

FTIR

E2937 - Standard Guide for Using Infrared Spectroscopy in Forensic
Paint Examinations

MSP

E2808 - Standard Guide for Microspectrophotometry in Forensic Paint Analysis

Currently being revised

PGC-MS

Standard Guide for Using PGC-MS in Forensic Polymer Examinations (SWGMAT)

Currently being revised

SEM/EDS

E2809 - Standard Guide for Using Scanning Electron Microscopy / X-ray Spectrometry in Forensic Polymer Examinations

Currently being revised

X-Ray Diffraction (XRD)

X-Ray Fluorescence (XRF)

Physical Characteristics

Standard Guide for Assessing Physical Characteristics in Forensic Tape Examinations (SWGMAT)

Needs revision

Light Microscopy

Standard Guide for Using Light Microscopy in Forensic Tape Examinations (SWGMAT)

Needs revision

FTIR

E3805 - Standard Guide for Using FTIR in Forensic Tape Examinations

PGC-MS

Standard Guide for Using PGC-MS in Forensic Polymer Examinations (SWGMAT)

Currently being revised

SEM/EDS

E2809 - Standard Guide for Using Scanning Electron Microscopy/Xray Spectrometry in Forensic Polymer Examinations

Currently being revised

New standard to develop

Future revision of an existing standard

SDO Process

RA Process

On OSAC Registry

Other Projects

Key:

Materials Road Map, Expansion 2

Glass Examination

Standard Guide for Forensic Glass Analysis and Comparison

General Glass Guideline

Currently being revised

Refractive Index

E1967 - Standard Test Method for the Automated Determination of RI of Glass Samples using Oil Immersion Method and Phase Contrast Microscope

Currently being revised

ICP-MS

E2330 - Standard Test Method for Determination of Concentrations of Elements in Glass Samples using ICP-MS for Forensic Comparisons

Currently being revised

LA-ICP-MS

E2927 - Standard Test Method for Determination of Trace Elements in Soda-Lime Glass using LA-ICP-MS for Forensic Comparisons

XRF

E2926 - Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (μ-XRF) Spectrometry

Fiber Examination

Fabrics & Cordage

E2225 - Standard Guide for Forensic Examination of Fabrics and Cordage

Currently being revised

General Fiber Guideline

Standard Guide for Forensic Fiber Analysis and Comparison (SWGMAT)

Currently being revised

Microscopy

E2228 - Standard Guide for Microscopic Examination of Textile Fibers

Currently being revised

FTIR

E2224 - Standard Guide for Forensic Analysis of Fibers by IR

Currently being revised

TLC

E2227 - Standard Guide for Forensic Examination of Non-reactive Dyes in Textile Fibers by TLC

Currently being revised

MSP

Standard Guide for Forensic Analysis of Fibers by MSP (SWGMAT)

Currently being revised

PGC-MS

Standard Guide for Using PGC-MS in Forensic Polymer Examinations (SWGMAT)

Needs revision

Key:

New standard to develop

Future revision of an existing standard

SDO Process

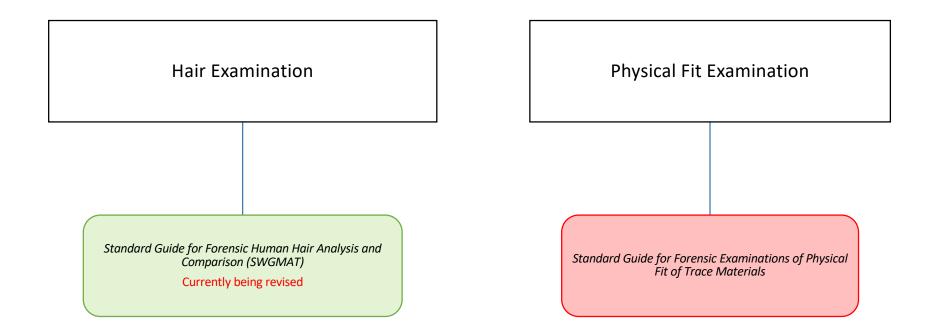
RA Process

On OSAC Registry

Other Projects

This is a working document that should be considered a draft.

Materials Road Map, Expansion 3



Key:



This is a working document that should be considered a draft.