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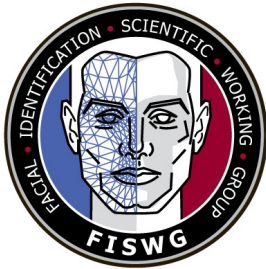
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Guide for Facial Comparison Awareness Training of Assessors

25 1. Scope

26 1.1 This guide is intended to provide a minimum set of criteria for training of
27 personnel who will conduct facial comparisons at the assessor level.

28 1.2 The task of facial assessment includes but is not limited to a quick comparison
29 of image-to-image or image-to-person typically carried out in screening and access
30 control applications. Due to time constraints, assessment is the least rigorous of all of
31 the facial comparison categories.

32 1.3 Assessors are not specialists in facial comparison, but the role requires an
33 awareness of the major elements and limitations of the facial comparison discipline and
34 training in the use of available tools. This task may be conducted by officers during the
35 course of their duties to generate lines of enquiry, or by a point of entry controller for a
36 restricted area.

37 1.4 The intended audience of this document includes agencies and individuals
38 involved in facial comparison at the assessor level.

39 1.5 Assessors who use Facial Recognition (FR) Systems should meet the minimum

40 requirements in FISWG document *Minimum Training Criteria for Assessors Using Facial*
41 *Recognition Systems*.

42 2. Referenced Documents

43 2.1 ASTM Standards¹

44 ASTM E2916-13 Standard Terminology for Digital and Multimedia Evidence
45 Examination

46 2.2 Other Documents

47 2.2.1 FISWG Glossary

48 2.2.2 FISWG Minimum Training Criteria for Assessors Using Facial Recognition
49 Systems

50 2.2.3 FISWG Facial Image Comparison Feature List for Morphological Analysis

51 3. Terminology

52 3.1 Definitions:

53 3.1.1 For terms relating to digital and multimedia evidence, refer to E2916-13

54 3.1.2 For terms relating to *facial recognition*, refer to the FISWG Glossary.

¹ For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

55 **4. Summary of Practice**

56 4.1 This guide provides the minimum criteria for training of facial assessors and
57 should be read in conjunction with FISWG document Guide for Role-Based Training in
58 Facial Comparison.

59 4.2 Minimum training requirements for facial assessors includes awareness of the
60 following:

61 4.2.1 The practical application and operational uses of facial images.

62 4.2.2 A thorough understanding of and an ability to apply common terminology
63 used in the facial identification discipline.

64 4.2.3 Define and explain the differences between human face recognition
65 (familiar/unfamiliar) and automated facial recognition.

66 4.2.3.1 Understand the distinction between holistic face processing, and unfamiliar
67 face matching (e.g., person to image, juxtaposed image comparison), and the
68 limitations of the applications.

69 4.2.4 The difficulty in comparing faces and variability in individual aptitude to
70 perform facial comparison.

71 4.2.5 Relevant legislation and case law relating to facial comparison

72 4.2.6 The response(s) of the legal system to the admission and use of facial

73 recognition and identification and the perception(s) of the public to facial recognition and
74 identification.

75 4.2.7 The basics of image science including, but not limited to:

76 4.2.7.1 Vision (e.g., Color, Illumination, Perception)

77 4.2.7.2 Photography (e.g., Distortions, Pose, Expression, Perspective)

78 4.2.7.3 Impact of digital imaging on facial features

79 4.2.8 The principles of comparison (specifically, the morphological analysis
80 methodology) and the differences between class and individual characteristics, as well
81 as those of transient and stable characteristics.

82 4.2.9 The Facial Image Comparison Feature List for Morphological Analysis
83 document (which lists the features of the face) and the Physical Stability of Facial
84 Features of Adults document (which provides information on how aging, expression,
85 weight changes, health changes, and intentional alterations can affect the facial
86 features).

87 **5. Keywords**

88 Facial Assessor, Training, Facial Identification, Facial Comparison

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FISWG documents can be found at: www.FISWG.org

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