

Deadline for 30-Sep-19
Document ANSI/ASB Standard 115
Document Standard for Training in Forensic Short Tandem Repeat Typing Methods using Amplification

#	Section	Comment (E-Editorial,	Comments	Proposed Resolution	Final Resolution
2	entire document	T	What if the DNA technicians performing the wet lab work are not trained in data review? There are quite a few references throughout the document that are more relevant to data review and interpretation.	Separate wet lab work training and data review/interpretation. Also include a caveat that not all individuals trained in wet lab work will be trained in data review/interpretation.	Reject: Please refer to section 4.2.3 of the Std 022 which is a normative reference and indicates the training program should be tailored to the specific duties of each trainee.
3	1	E	Add 'minimum' before the word 'requirements'.	This document provides minimum requirements to ensure proper training in the methods of DNA isolation and purification used within the trainee's forensic DNA laboratory.	Reject: This scope was approved by the CB. The ASB submitted this to ANSI and the scope is consistent with other training documents.
4	4.2.3	E	Replace period (.) after the word 'topics' with a colon (;).	At a minimum, the knowledge-based portion of the training program shall cover the following topics:	Reject: A complete sentence cannot follow a sentence with a colon.
9	4.2.3.d	E/T	The DNA detection section is missing four important training points: 1. Editing or removal of artifacts as a byproduct of PCR or the capillary electrophoresis process, 2. The identification of off ladder alleles or tri-allelic patterns, and 3. Limitations to editing artifacts as a byproduct of probabilistic genotyping software use, 4. The omission of stochastic threshold means this standard only applies to laboratories using probabilistic genotyping software.	Editing and the limitations for editing artifacts and discussion of uncommon alleles and allele patterns should be added to the section. If this standard is specific to probabilistic genotyping that should be mentioned in the title and scope. Otherwise, stochastic threshold should be added to accommodate labs that haven't moved to the use probabilistic genotyping software.	Reject: These comments are more appropriate for the training standard for DNA interpretation (Standard 078: Standard for Training of Forensic Autosomal and Y STR Data Interpretation) that is currently being reviewed and worked on at ASB.
10	4.2.3.d.5	E/T		Spatial calibration should be added to this standard.	Accept
11	4.2.3.e	E	A standard on health and safety concerns associated with instruments and reagents needs to be added to this section. Formamide is toxic to pregnant women and trainees should be aware of this.	Add health and safety to the section.	Reject: Health and safety is not within the scope of this document.
12	4.2.3.e	T	Does DNA separation and detection instruments and parameters cover information like the reuse of plates that have already been run, injection count, and validation studies for the instrument or are these things that are covered by 4.2.3.g as quality control measures?	Provide additional information in 4.2.3.e.	Reject: Consumable use and validation studies are not within the scope of this document.
1	4.2.3 e 4	T	Maintenance and calibration of equipment in some laboratories is managed and executed by an equipment team or support personnel. Training programs for analysts go over the basics of equipment operation for the procedure, and troubleshooting for awareness of impact on reported data, but not to the full extent of maintenance procedures that are conducted.	Consider adding verbiage to this section to state to include the topics as applicable to the extent of the analyst's responsibilities. Alternatively, adopt language from STD 023 for troubleshooting general equipment failure.	Reject: Please refer to section 4.2.3 of the Std 022 which is a normative reference and indicates the training program should be tailored to the specific duties of each trainee.
5	4.2.3 a-h)	T	If the aim of this document is to provide a framework for training that will result in quality and consistency in the forensic DNA community, then appropriate references should be provided for each topic so that at a minimum each laboratory is reviewing the same material.	It may be difficult to find relevant literature for each topic; therefore, to provide consistency, include a universal bibliography that will allow laboratories to review the same material for each topic.	Reject: The information contained in the bibliography indicates the list is not meant to be all inclusive. Each laboratory training program should have literature tailored to their needs.
8	4.4.3	E	Replace 'as applicable' with 'at a minimum'.	The trainee shall be able to satisfactorily perform the following, at a minimum:	Reject: "as applicable" allows competency test to be provided in the areas personnel will be trained in.
6	4.3.3 b)	T	What if the DNA technicians performing the wet lab work are not being trained in data review/interpretation?	Include a caveat that not all individuals trained in wet lab work will be trained in data review/interpretation and the Training Program Administrator, or designee, shall evaluate controls and expected results.	Reject: Please refer to section 4.2.3 of the Std 022 which is a normative reference and indicates the training program should be tailored to the specific duties of each trainee.
7	4.3.3 d)	T	If the aim of this document is to provide a framework for training that will result in quality and consistency in the forensic DNA community, then the minimum number and quality of samples needs to be defined.	To provide consistency, define the minimum 'appropriate' number and quality of samples that need to be processed by the trainee that will provide the trainee with 'sufficient' practical experience.	Reject: Section 4.3.3 requires the practical portion of the training program shall be representative of the range, type, and complexity of routine casework or database samples processed by the laboratory.