TEST PROCEDURE OVERVIEW

Purpose

This document describes the structure of the draft test procedures for evaluating conformance of complete EHRs or EHR modules to the certification criteria defined in 45 CFR Part 170 Subpart C of the Interim Final Rule (IFR) as published in the Federal Register on January 13, 2010. Each document is organized by test procedure and derived test requirements with traceability to the normative certification criteria as described in this document. These test procedures will be updated to reflect the certification criteria defined in the ONC Final Rule.

The draft test procedures are intended to provide objective guidance to Testing Laboratories as they conduct the certification tests, to provide traceability from certification criteria to testing activities, and to ensure consistency throughout the certification process.

Document Organization

Each test procedure is organized into six sections including:

- *Certification Criteria* – lists the certification criteria as published in 45 CFR Part 170 Subpart C of the Interim Final Rule (IFR) in the Federal Register on January 13, 2010.
- *Informative Test Description* – provides an informative description of how the test procedure is organized and conducted. It is not intended to provide normative statements of the certification requirements.
- *Referenced Standards* – lists the standards referenced in the certification criteria. If the standard refers to another source document, such as the Code of Federal Regulations, the appropriate portion of that source document is also included.
- *Normative Test Procedure* – describes the required vendor information and test procedures for validating conformance to the criteria and standards. This section is divided into sub-sections including derived test requirements, required vendor information, required test procedures and inspection test guides.
    - *Derived Test Requirements* – describes a specific portion of the criteria which will be addressed in a single Required Test Procedure. To provide traceability, each is denoted using the following form:

      DTR<IFR certification criteria number> - <NIST sequence number>
    - *Required Vendor Information* – describes the information needed from the Vendor in order to perform the test procedure. To provide traceability, each is denoted using the following form:

      VE<IFR certification criteria number> - <NIST sequence number>
    - *Required Test Procedures* – describes the test activities required to be performed by the Tester. To provide traceability, each is denoted using the following form:

      TE<IFR certification criteria number> - <NIST sequence number>

- *Inspection Test Guides* – provides additional guidance to the Tester on how to evaluate conformance to the criteria. To provide traceability, each is denoted using the following form:

  IN<IFR certification criteria number> - <NIST sequence number>

- *Example Test Data* – provides examples of the test data to be used during the test procedure. The test data sets will be expanded for the final version of the test procedures.
- *Conformance Test Tools* – provides a description and links to the associated conformance test tools, if applicable, to evaluate conformance to the referenced standards.