

TEXAS UTILITIES GENERATING CO CPSES	PROCEDURE NUMBER	REVISION	ISSUE DATE	PAGE
	CP-QP-11.1	1	10-18-79	1 of 3
CONCRETE, SOILS AND REINFORCING STEEL TESTING ACTIVITIES	PREPARED BY: <u>W. P. [Signature]</u>			10/17/79 DATE
	APPROVED BY: <u>R. L. [Signature]</u>			10/18/79 DATE

1.0

REFERENCESCONTROL NO. M-002

1-A

Specification 2323-SS-6, "Excavation for Plant Structures"

1-B

Specification 2323-SS-8, "Installation of Buried Piping"

1-C

Specification 2323-SS-9, "Concrete"

1-D

Specification 2323-SS-10, "Reinforcing Steel"

1-E

Specification 2323-SS-11, "Cadmium Connectors for Reinforcing Steel"

1-F

Procedure CP-QP-2.1, "Training of Inspection and Testing Personnel"

1-G

Procedure CP-QP-13.0, "Control of Measuring and Test Equipment"

1-H

Procedure CP-QP-16.0, "Nonconformances and Deficiencies"

2.0

GENERAL

2.1

PURPOSE AND SCOPE

This procedure outlines the measures that have been established to assure that concrete, soils and reinforcing steel testing activities required by References 1-A through 1-E are accomplished under suitably controlled conditions. This procedure applies to safety-related or seismic category 1 structures or installations but may also be applied in whole or in part to non-safety related structures or installations as requested by the TUSI Resident Manager.

2.2

RESPONSIBILITIES AND AUTHORITY

The Quality Control Supervisor is responsible for the administration of the stated activities. He has delegated

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authority to the Test Lab Supervisor to implement this procedure and the requirements of Quality Instructions or directives supplementing this procedure.

3.0

PROCEDURE

3.1

PERSONNEL TRAINING

Personnel performing the stated testing activities are trained in accordance with applicable codes and standards utilizing the provisions of Reference I-F. The training program provides assurance that proficiency in test performance is achieved and maintained.

3.2

TEST PERFORMANCE

The stated testing activities will be performed in accordance with the applicable ASTM designations, as directed and supervised by the Test Lab Supervisor or his designee.

3.3

MEASURING AND TEST EQUIPMENT

Measuring and test equipment is maintained within a calibration program and is controlled, calibrated, adjusted and maintained at prescribed intervals or prior to use to provide confidence in the validity of the resulting data. Reference I-G defines responsibilities and basic requirements for calibration.

3.4

TEST STATUS

The Quality Control Supervisor/Designee will specify by appropriate means (charts, schedules, etc.) the tests and test frequency requirements which will assure compliance with References I-A through I-E.

3.5

NONCONFORMING ITEMS

Deficiencies and nonconformances revealed in testing activities shall be promptly identified and reported in accordance with Reference I-H. Products which are found by tests to be in noncompliance with specified Engineering requirements shall be reported verbally to the Quality Control Supervisor/Designee upon detection and then formalized on the appropriate report form for disposition in accordance with established procedures.

3.6

DOCUMENTATION METHODS

Quality Instructions detail the documentation required

to be completed to provide objective evidence of compliance with specified Engineering/Construction requirements. These records shall be submitted to the Quality Control Supervisor or his designee upon completion for review, processing and filing in accordance with CPSES requirements for "QA Records".