

TEXAS UTILITIES GENERATING CO.
CPSES

INSTRUCTION
NUMBER

REVISION

ISSUE
DATE

PAGE

QI-QP-11.4-9

3

SEP 3 1982

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INSPECTION OF SHOP
PRIMED EQUIPMENT

PREPARED BY:

Charles Williams

9/2/82
DATE

APPROVED BY:

[Signature]

9/2/82
DATE

APPROVED BY:

[Signature]

9/2/82
DATE

1.0

REFERENCES

1-A

QI-QP-11.4-5, "Inspection of Steel Substrate Surface Preparation and Primer Applications and Repair"

1-B

CP-QP-18.0, "Inspection Reports"

1-C

CP-QP-16.0, "Nonconformances and Deficiencies"

2.0

GENERAL

This Instruction will describe methods used by Quality Control personnel for inspection of shop primed equipment to be installed inside of Containment Buildings. Valves which have a testable surface of 20 square feet or less, hand rails, miscellaneous steel, and piping component supports are excluded from the scope of this testing by DCA 11400.

3.0

INSTRUCTION

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3.1

PATCH (ADHESION) TEST CONTROL NO. PCI-005

The inspector shall perform a patch (adhesion) test on all Shop Primed Equipment that is to be installed inside the Containment Buildings. A calibrated 0-1000 psi Elcometer Adhesion Tester, Model 106 or equivalent shall be used. The inspector shall perform the tests to the following criteria:

- a. 200 psi minimum strength per test.
- b. A test will consist of three individual dollies tested to failure.
- c. For large essentially one-component equipment, one test per 500 linear feet is acceptable.

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d. For equipment with several components:

1. From 1 to 10 items: test 20% of items.
2. Over 10 items: test 10% of items.

The inspector will assure after testing that all repair work is inspected in accordance with Reference 1-A.

3.2 DOCUMENTATION OF INSPECTIONS

All inspections required by Section 3.1 shall be documented on an IR, Attachment 1, in accordance with Reference 1-B.

3.3 NONCONFORMANCES

All nonconformances shall be reported in accordance with Reference 1-C.

