

Free Awwa C651-14 Standard Pdf -

DWU Elevated Storage Tank Design Standards
September 2013

J. Acceptance

- a. Inspector's Deficiency List:
 - i. An initial walk through inspection will be scheduled at substantial completion. The contractor, design engineer, and DWU engineering and operations personnel will attend the inspection. A "punch list" of deficiencies will be created on the initial walk through inspection.
 - ii. A final walk through inspection will be scheduled when all the deficiencies have been corrected. The contractor, design engineer, and DWU engineering and operations personnel will attend the final inspection.
- b. Concrete Tests:
 - i. Concrete tests will be performed by an ACI certified laboratory.
 - ii. Copies of all concrete tests will be delivered to DWU.
- c. Weld Inspections:
 - i. All welds will be inspected by a third party welding inspector to insure that all welds comply with AWS D1.1 and D1.5.
 - ii. All weld inspection reports will be delivered to DWU.
- d. SCADA Operator: DWU operators staff will determine the best testing procedure for verifying the operability of the new elevated tank.

K. Administrative

- a. All design sheet numbers will be provided by DWU.
- b. All design sheets will be sealed by Professional Engineers registered in the State of Texas.
- c. Structural design components will be sealed by a Structural Engineer registered in the State of Texas.
- d. Electrical design components will be sealed by an Electrical Engineer registered in the State of Texas.
- e. Mechanical components will be sealed by a Mechanical Engineer registered in the State of Texas.
- f. All other components of the design will be sealed by a Professional Engineer registered in the State of Texas.
- g. The Certificate of Acceptance will be issued jointly by the Water Facilities Inspector and the Pumping Division.
- h. A one year warranty will be placed on any tank constructed in the City of Dallas.

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