

**SECTION UC-630**  
**PUMP STATION TESTING**

**PART 1 - GENERAL**

1.01 SCOPE

The Contractor shall test sewage pump station, to the complete satisfaction of the Engineer (ie Chief, Engineering Division, MD-WASD or his representative), prior to final acceptance by the MD-WASD.

**PART 2 - PRODUCTS**

(Not Used)

**PART 3 - EXECUTION**

3.01 GENERAL

- A. The MD-WASD's authorized representative together with the Engineer of Record and the Contractor shall jointly be present to witness tests for determination of conformance with approved plans and specifications.
- B. The Contractor shall notify the MD-WASD a minimum of forty-eight (48) hours in advance of the test.

3.02 PROCEDURE FOR TESTING SEWAGE PUMP STATION

The Contractor shall be responsible for testing the pump station in the manner described below:

- A. Place the operating mode selector switch in the manual position.
- B. Fill wet well with water.
- C. Start and stop each pump sequentially and then both pumps together. While doing this, add water to the wet well as necessary.
- D. With water level lower than pump's "shut-off" point, place selector switch to automatic position.
- E. Fill wet well slowly. Observe lead pump run.
- F. Increase water flow into wet well for lag pump to run.
- G. Stop pouring water into wet well and observe as both pumps shut off at the pre-selected levels.

- H. Disconnect power to pumps and fill wet well to alarm level and make sure it operates.
- I. Disconnect level controller and check that the lead pump is turned "on" and "off" at the proper levels by the float switches.
- J. If the station is equipped with a stationary generator and fuel tank, test as specified in Sections 16420 and 11500.
- K. If the above parts of the test show that any component is not operating as intended, make necessary adjustments and/or repairs and repeat steps A through J, until the entire system operates trouble free.
- L. Fill the wet well with water to the invert of the influent pipe. Leave it full of water for at least two hours. If the water level goes down, locate and repair the leak to the satisfaction of the MD-WASD. Repeat test to insure absence of leaks.

END OF SECTION