FLORIDA DEPARTMENT OF TRANSPORTATION
State Materials Office
5007 NE 39th Avenue
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Florida Method of Test
for
SAMPLING WATER FOR CONCRETE

Designation: FM 5-506

1. SCOPE

1.1 This method covers procedures for sampling Water for Concrete. Potable water from city water supplies or other sources which are approved by a public health department may be accepted without being tested.

1.2 Water from all other sources shall be tested and approved before use.

2. APPARATUS

2.1 Plastic container - The container shall be clean, chemically resistant and have a minimum capacity of one-half gallon. Containers that previously held liquids other than water (ex. tea or sports drinks) shall not be used.

3. PROCEDURE

3.1 Run the water from the mixer pipe line for at least ten minutes.

3.2 Rinse the container with the running water once.

3.3 Completely fill the container with the running water leaving as little air as possible. Cap promptly.

3.4 Log the sample into the Department's database using the procedures outlined in Cementitious Materials and Water Sample Instructions. Be sure to include e-mail addresses for automatic notification of test failures.

3.5 Label the container with the system generated sample tracking identification number using permanent ink. Package the container of water securely for immediate shipment to the laboratory. (Note: For the most representative test results, samples that are not sent to the laboratory immediately should be refrigerated at 4 °C for preservation during storage and shipment.)