



**STANDARD CONSTRUCTION OPERATING PROCEDURE**

**NEW YORK CITY DEPARTMENT OF  
DESIGN + CONSTRUCTION**  
Division of Infrastructure  
Bureau of Construction

**SCOP..... : 06 -003W**

**CATEGORY..: CONSTRUCTION**  
**Subcategory : WATER MAIN**

**SUBJECT: USE OF TEMPORARY CONSTRUCTION  
VALVES ON DISTRIBUTION WATER MAINS**

Keywords ..... : Valves

**APPROVED:**

**ORIGINAL SIGNED BY**

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Supersedes..... : N/A

Supplements..... : N/A

Sheet..... : 1 of 1

Issue Date..... : June 27, 2006

The use of temporary construction valves during Distribution Water Main (DWM) installation can reduce the number of service shutdowns experienced by the affected homeowners or businesses . Temporary construction valves can be used to isolate and maintain service to water sensitive facilities (i.e., hospitals, schools, etc.) from ongoing work on a long block, or on a block where work is progressing slowly due to site conditions.

Before utilizing a temporary construction valve, the Resident Engineer in consultation with the Engineer-In-Charge, and DEP Borough Distribution Engineer or representative, should consider reconfiguration of the valve installation plan or installing additional valves.

If there is no compelling reason to make the temporary valve permanent, the valve should be installed in a manner allowing for quick removal. Typical installation meeting this requirement would involve two sleeves and two short sections of pipe.

The last task on this section of DWM work will require a shutdown, removal of the temporary valve and replacement with a short section of pipe. Reusing of the sleeves and wedge restraint glands is permitted provided that they are in good condition and reinstalled properly.

Field cards should show replacement pipe and sleeves in final position. In-service sheets must show temporary valve locations. New In-service sheets must be submitted when removed.

Payment will be made under the appropriate bid items and/or through a change order as appropriate.