

## **1 General**

### **1.1 RELATED SECTIONS**

- .1 Section 21 05 01 – Common Work Results – Mechanical.
- .2 Section 22 11 16 – Domestic Water Piping.
- .3 Section 23 05 93 – Testing, Adjusting and Balancing.

## **2 Products**

### **2.1 Not Used.**

## **3 Execution**

### **3.1 GENERAL INSTRUCTIONS**

- .1 Comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheet.
- .2 Systems to be complete, prior to flushing, testing and start-up.
- .3 Flush out, disinfect and rinse system to the requirements of the Authority Having Jurisdiction (AHJ) and the Departmental Representative.
- .4 Flush entire system for minimum of eight (8) hours (longer if required by the Authority Having Jurisdiction (AHJ). Ensure outlets are flushed for two (2) hours. Let stand for twenty four (24) hours, then draw one sample off longest run.
- .5 Submit to testing laboratory to verify that system is clean to Provincial and/or Federal potable water guidelines. Let system flush for additional two (2) hours, then draw off another sample for testing.
- .6 Flush entire system with cold water for eight (8) hours. Inspect and test piping systems following procedures of the Authorities Having Jurisdiction (AHJ) and as specified by the piping system manufacturer.
- .7 Clean and disinfect the water distribution piping following the procedures of the Authority Having Jurisdiction (AHJ). Upon completion, provide water quality laboratory test report to the Departmental Representative.

**END OF SECTION**