

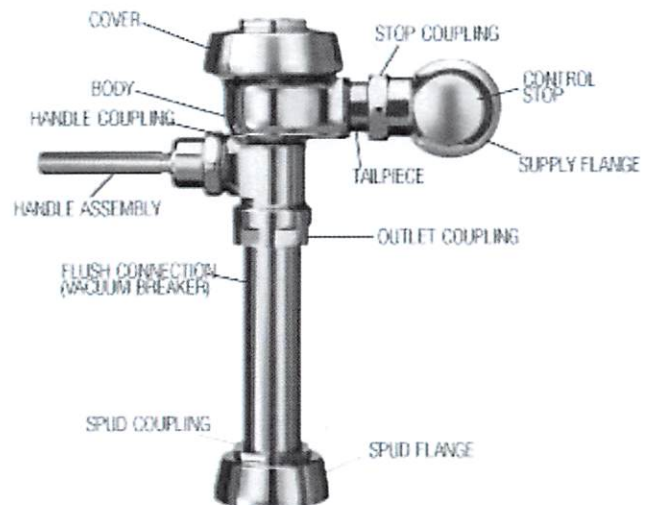
## STANDARD OPERATING PROCEDURE # FAC 5.013

### Subject: Troubleshooting Campus Flushometers

**Purpose and Scope:** To formalize Facilities Maintenance departmental procedures for troubleshooting campus flushometers.

**Procedure:** The Facilities Maintenance unit is responsible for maintaining all campus flushometers.

1. **SYMPTOM:** Flushometer does not function.
  - A. **Cause:** Control stop or main valve is closed (secured).  
**Solution:** Open it.
  - B. **Cause:** Handle assembly is worn.  
**Solution:** Replace handle assembly with part #(B-50-A).
  - C. **Cause:** Relief valve is worn.  
**Solution:** Replace flushometer cartridge.
2. **SYMPTOM:** Insufficient volume of water to create (siphon) flush.
  - A. **Cause:** Control stop not open enough.  
**Solution:** Adjust control stop for desired delivery of water.
  - B. **Cause:** Improper cartridge installed.  
**Solution:** U = urinal C=closet or toilet .



3. **SYMPTOM:** Length of flush is too short.

**Causes:** Diaphragm assembly and guide are loose.  
Enlarged by-pass orifice from corrosion or damage.

A-19-AU (black) urinal relief valve used instead of an A-19-AC(white).

Worn-out handle assembly.

**Solution:** Replace cartridge assembly and handle B-50-A

4. **SYMPTOM:** Length of flush is too long, or fails to secure.

**Causes:** Diaphragm assembly and guide are not hand tight.

Enlarged by-pass orifice from corrosion or damage

A-19-AC(white) relief valve used instead of a A-19-AU(9black)

**Solution:** Replace cartridge assembly and handle B-50-A

5. **SYMPTOM:** Chattering noise in flushometer.

**Causes:** Diaphragm installed upside down.

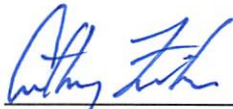
Trash in valve assembly.

Interior of cover surface worn-out

**Solution:** Replace diaphragm and valve cover

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