

## **UNIVERSITY OF WEST FLORIDA**

Pensacola, FL 32514-5750

Facilities Management

Effective October 21, 2004, Revised June 30, 2020

Reviewed July 1, 2024

## STANDARD OPERATING PROCEDURE # FAC 5.013

**Subject: Troubleshooting Campus Flushometers** 

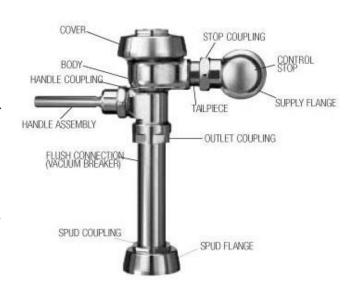
**Purpose and Scope:** To formalize Facilities Maintenance departmental procedures for troubleshooting campus flushometers.

**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-AU9black)

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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