

FACILITIES STANDARD

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NAME : Vacuum Breaker - Faucet Mounted
NUMBER : 15475

ORIGINAL DATE: 03-01-94
REVISION DATE: 03-16-99

PURPOSE:

1. The general purpose of Facilities Standards is to provide the University an approved, documented criteria for construction, material stocking and replacement, consistent maintenance of facilities, code compliance, and provisions for uniformity and uniqueness of facilities standards.
2. All construction of University property, in reference to safety issues will be conducted in accordance with NFPA 241 safeguarding construction, alteration, and demolition operations, and the Standard Building Code, in Chapter 33, SAT work, demolition, and construction, to protect the health and safety of faculty, staff, patients, visitors, and students, as well as unrelated, non-project, UAB property.
3. Construction safety is the responsibility of the contractor for any project. Each responsibility, as stated in the contract documents, relate to all recognized rules, regulations and codes adapted by any agency having jurisdiction, and the guidelines established during the occupational standards and health act.
4. The purpose of this ***Vacuum Breaker – Faucet Mounted Facilities Standard*** is to establish a series of administrative actions that must be taken that are unique to any particular project that is under construction at the University. ***This Facilities Standard is not to be regarded as a specification.***

GENERAL:

- A. Polished chrome finish vacuum breaker shall be provided for fixtures subject to back-siphonage of contaminated substances into the potable water supply.
- B. Warranty shall be one year from Substantial Completion.

PRODUCTS:

- A. Device shall conform to A.S.S.E. Standard 1001, ANSI A112.1.1, C.S.A. B64.1.1, and listed by IAPMO.

- B. Device shall be suitable for temperatures up to 210 degrees Fahrenheit.
- C. Device shall be equipped with full-size orifice to assure pipe size capacity.
- D. Device shall contain a durable silicone disc rated for high water hammer resistance and also be capable of tight seating with the lightest of seating contact.
- E. All exposed to view surfaces shall be chrome plated.

EXECUTION:

- A. Device must be installed with the supply connected to the bottom and the outlet connected to the faucet discharge.
- B. The bottom of the device shall be located a minimum of six (6) inches above the flood level rim of the fixture served.
- C. Shut-off valves shall not be installed on the discharge of the vacuum breaker.
- D. Device shall be installed where water spillage will create no problem and where inspection and service are easily performed.

END OF STANDARD

Prepared by: _____

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