



City of Raleigh
Public Utilities Department

CROSS CONNECTION PROGRAM



October 19, 2009

Technical Bulletin

Re: Insulated Heated Enclosures

PUD Handbook Page 45 #11) all backflow prevention assemblies installed outside of a building must be installed in an approved enclosure with the exception of residential lawn irrigation backflow prevention assemblies. All Enclosures shall be insulated and shall meet the requirements of ASSE standard 1060.

Question: What temperature rating meets the definition of insulated for enclosure protection?

Interpretation:

All insulated enclosures shall meet a minimum of 20 degrees Fahrenheit freeze protection for backflow preventers installed within the City of Raleigh water system.

**This provision is a minimum requirement suitable for normal weather conditions. Abnormally low temperatures may require additional provisions to prevent freezing.*

Also See:

PUD Handbook Page 45, #13) All sprinkler system backflow prevention assembly enclosures shall be equipped with a heater that is recommended by the enclosure manufacturer.

Sincerely,

Danielle Barber
City of Raleigh Public Utilities
Cross Connection Program