

**NC Department of Insurance
Office of the State Fire Marshal - Engineering Division
1202 Mail Service Center, Raleigh, NC 27699-1202
919-661-5880**

Freeze Protection Of Soil And Waste Traps

Code: 2012 Plumbing Code

Date: September 1, 2011

Section: 305.6.1

Question:

Are soil and waste traps required to be protected from freezing?

Answer:

Yes. Section 305.6.1 requires soil and waste traps to be protected from freezing when placed in the exterior wall or in an unconditioned space. A crawl space is not considered unconditioned. Traps placed in the exterior wall or an unconditioned space shall be insulated with a minimum of R=6.5 insulation.