

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

Auxiliary and Secondary Drain Systems

Code: 2012 North Carolina Mechanical Code

Date: September 1, 2011

Section: 307.2.3

Question:

Is an auxiliary drain pan or secondary drain required for equipment and appliances containing evaporators, cooling coils or condensing furnaces that are installed in a crawl space?

Answer:

No. The intent of Section 307.2.3 is to prevent damage to the building or its contents from overflow of the primary drain pan or blockage of the condensate drain piping. While moisture in a crawl space can cause damage over time, this is not the intent of this section. Overflow in the crawl space can be mitigated by provisions in R408.2 or R409.2.1 of the North Carolina Residential Code.

Keywords:

Mold, water level