

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

**Flammable Water Heater Ignition Elevation**

**Code:** 2002 Fuel Gas Code  
**Section:** 305.2

**Date:** October 20, 2004

**Question:**

Are fuel gas water heaters listed as flammable vapor resistant required to be elevated?

**Answer:**

No, the NC Building Code Council minutes approved the FVIR (flammable vapor ignition resistant) water heaters in June 2004 and met Administrative Procedure Act approval on September 16, 2004. The following exception was added to section 305.2 of the Fuel Gas Code:

Exception: Elevation of the ignition source is not required for appliances that are listed as flammable vapor resistant.

Therefore, you may approve the FVIR as part of the code if the contractor and/or owner requests the use of the FVIR.