



California State Fire Marshal **CODE INTERPRETATION**

Date Issued	June 9, 2005	Interpretation #	05-006
Topic	Compressed Gases		
Code Section(s)	2001 California Building Code, Table 3-D and California Fire Code Article 80, Table 8001.15-A		
Requested by	Chuck Najarian California Energy Commission 1516 Ninth St. Sacramento, CA 95814-5512		

The reference to Normal Temperature Pressure (NTP) Condition does not exist within the CBC Table 3-D or CFC Table 8001.15-A, nor within the text of the CBC. Is it therefore correct to interpret that the volumes stated in Table 3-D of the CBC and Article 80 of the CFC Table 8001.15-A as standing volumes (within closed piping systems for flammable gases) and not at Normal Temperature Pressure Condition?

No. Table 8001.15-A does not indicate whether the volume of gas is to be measured at NTP or not. However, Table 8001.15-C does indicate in the header of the gas storage column that the volume is measured at NTP. This is similarly done in Table 8001.15-D. The fact that was not done in Table 8001.15-A and Table 8001.15-B appears to be an editorial error.

The volumes in the tables have always been treated as measurements at NTP. If you look at Tables 80.402-A and 80.402-B in the 1991 UFC, the heading in these tables indicates that the volume is measured at NTP. In the 1994 UFC, the two indoor tables were moved from the UBC into the UFC and the two outdoor tables were reformatted into the 1994 UFC. Apparently the text was erroneously modified.