



## California State Fire Marshal **CODE INTERPRETATION**

|                 |   |                |        |
|-----------------|---|----------------|--------|
| Date Issued     | May 16, 2007  | Interpretation | 06-087 |
| Topic           | Testing of smoke detectors with magnets   |                |        |
| Code Section(s) | NFPA 72 T-7-2.2 item 13 g(1)  |                |        |
| Requested by    | Andre J. Simon<br>SPAIC<br>10062 Haines Canyon Ave<br>Tujunga, CA 91042<br>(818) 590-3541 |                |        |

**Table 7-2.2 item 13 (g) (1) allows other methods approved by the manufacturer that ensure smoke entry into the sensing chamber". I am part of a group of DSA/OSHPD inspectors of record and have a hard time with manufacturer pressuring us to test smoke detectors with magnets only as per their allowed recommendations. I disagree with that and it is spelled in the NFPA72-1999 handbook but challenged by manufacturers as not being the Code itself.**

NFPA 72 – 1999, Table 7-2.2(g) (1) requires that smoke detectors be tested with smoke or listed aerosol approved by the smoke detector manufacturer. Other methods approved by the manufacturer that ensure smoke entry into the sensing chamber are permitted.

NOTE: NFPA 72 – 1999, supersedes the manufacturer's recommendations.