



NEVADA FIRE-SAFE CIGARETTE LEGISLATION & MIC/NFPA 25 OBSTRUCTION TESTING NOVEMBER 19, 2008

FIRE-SAFE CIGARETTE LEGISLATION

Presented by Raymond Bizal, PE, *Western Regional Manager, Ntnl. Fire Protection Association*
<http://www.firesafecigarettes.org/categoryList.asp?categoryID=9&URL=Home%20-%20The%20Coalition%20for%20Fire%20Safe%20Cigarettes>

- Measure will be proposed @ 2009 NV Legislative session requiring self-extinguishing cigarettes
 - Rep. John Ocegüera and Rep. Pierce
- Nearly 1,000 fatalities annually attributed to careless smoking
 - Nearly ¼ of home fire deaths
 - Nevada State FM: 26 fatalities to date in 2008
 - 11 attributed to smoking material
- Believe that bill will reduce 50% of cigarette-fire deaths
 - In Nevada, that would have been at least 5 lives saved in 2008
- Testing: Of the 4,000-plus chemicals produced in and by smoking materials, only one is higher or changed due to “fire-safe” technology
- Federal legislation pursued by NFPA since the 1970’s
 - Success since 2004 on State level: NY first; 37 states now enacted similar laws (enforced by 2010)—82 ½ % of U.S. population
 - “FSC” stamp next to UPC Code
 - Tested by 3rd-party
 - Each style must be on State-approved list to be sold legally once legislation in place
 - Cigarette manufacturers want all states to have same laws
 - RJ Reynolds pledged that all their cigarettes will be FSC by end of 2009 in accordance with ASTM E2187-04
 - Only adds 1-cent per package; Why not implemented earlier? Cigarettes burn faster without FS technology, resulting in higher use; higher sales

MIC TRAINING RE: NFPA 25: 5-YEAR OBSTRUCTION INVESTIGATIONS

Presented by Tim O’Leary

Huguenot Labs, www.huguenotlabs.com

- Identification of MIC (Microbiologically-influenced corrosion) and its forms
 - *Tubercles*
 - Acids under build up
 - Regardless of type of sprinkler system
 - Electro-chemical reaction
 - *Slime*
 - Usually mineralized and black in color
 - Conglomeration of organisms working together
 - Typical in dry systems with standing water and/or trapped air
- NFPA 25 guidelines on 5-year obstruction investigations (NFPA 25, Ch. 14.2.1-14.3.2)
 - Concern over absence of state/local codes addressing obstruction testing
 - Enforcement reliant on IFC 901.6: “Inspection Testing and Maintenance—Fire detection, alarm, and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired when defective
- Treatment of MIC
 - Eliminate (Prevent):
 - Water/moisture
 - Microbes
 - Sediment
 - Oxygen
 - Treatment
 - Flushing
 - Chemical Cleaning (dissolve rust with neutral-base cleanser; no pipe-integrity damage)
 - Pipe Replacement
 - Chemical treatment of incoming water