



2003 Oak Ridge Regional Emergency Management Forum

October 30, 2003

Photo Slide Show

















The City of Oak Ridge Fire Department STRUCTURAL COLLAPSE RESCUE

Being well Trained Collapse Structural Collapse makes up one of the most dangerous forms of rescue for emergency workers. The causes of building collapse can be due to several factors such as Corrosion, Overload, Faulty gas welds and structural incidents to name a few. When the load of a structure is too heavy, it can cause structural failure. This can happen in many ways, but the most common is when a structure is overloaded. This can happen in many ways, but the most common is when a structure is overloaded. This can happen in many ways, but the most common is when a structure is overloaded.















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- NOAA Weather Radio
 - EMWIN (Satellite and Re-Broadcast)
 - Pagers (and Phones)
 - TV
 - Radio
 - Ham
 - NA





















Equipment



MultiRAE

- A photo ionization detector uses an Ultraviolet (UV) light source to ionize gas or vapor samples and measure chemical concentrations.
- The gas becomes electrically charged. These charged particles produce a current that is easily measured.
- O₂, flammability (LEL), H₂S, CO and VOC determination.

M22 Alarm, Chemical Agent Detector Automatic (ACADA)



- Detects G-Tabun, Sarin, Soman, H-Sulfur Mustard, VX-Nerve Agent.
- Automatic chemical agent alarm system capable of detecting and identifying standard blister and nerve agents.
- This man-portable system operates independently after system start-up, and provides an audible and visual alarm, and offers communications interface for automatic warning.









Office of Homeland
Security is the agency of state
government having primary responsibility
and authority for directing homeland
planning, coordination, and
oversight; liaison with related
agencies of the federal government,
state and local government, and such
other states and concerned



Tennessee Department of Homeland Security





















