



BLUE GRASS CHEMICAL ACTIVITY FACT SHEET

REAL TIME ANALYTICAL PLATFORM (RTAP)

The Real Time Analytical Platform (RTAP) is a self-contained mobile monitoring and detection system. Blue Grass Chemical Activity RTAPs use gas chromatographs called Miniature Continuous Air Monitoring Systems (MINICAMS®) that can detect agent within three to five minutes.

The RTAP can detect chemical agent vapors at levels lower than those that would cause effects to unprotected persons. These levels are equal to the Department of Health and Human Services requirements to which unmasked workers can be exposed to agent for a 40-hour work week with no harmful effects.

The RTAP is used to support personnel with real-time monitoring requirements for nerve and blister agent storage operations. The units are also used to support Chemical Stockpile Emergency Preparedness Program requirements.

Proper operation of the RTAP is verified using strict quality control procedures.



RTAP monitoring a chemical agent storage structure.

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