



Man-In-Simulant Test (MIST) Upgrades

MIST Upgrades

Description

The Man-in-Simulant Test (MIST) Upgrade program includes two improved test capability development efforts. The first is the development of a real-time simulant sampling system and associated test methodology. The second is the development of test equipment and methodology that allows for simultaneous particulate quantification of various particle sizes to support aerosol (simulant) level tests.

Mission

The MIST Upgrade effort supports the individual protection commodity area by providing real-time simulant breakthrough test capability for MIST and providing information for full system evaluation of individual protection ensembles against aerosol particulates of specific sizes.

Capabilities

- Provides system-level test and evaluation of individual protection ensembles
- Provides real-time under-ensemble sampling quantify breakthrough data for chemical warfare agent simulant
- Provides quantification of particulate breakthrough of biological warfare agent simulants
- Decreases sampling and analytical time and effort

Users

US Navy, US Marine Corps, US Army, US Air Force

Status

N/A

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