



Protection Against Toxic Industrial Chemicals (PATIC)

Program Introduction:

In many countries Toxic Industrial Chemicals (TICs) are uncontrolled materials that can easily be obtained and disseminated, especially in an urban environment. It is imperative we prepare our troops with information regarding protective clothing and equipment against TICs. There are currently no standard tests to measure and validate PPE against TIC/TIM threats to military or civilian wearing non-HAZMAT type protection. A broader range of mission environments increases exposure to a diversity of hazards and forms of mass casualty/mass destruction. The development of sound test methodologies is critical to assessing developmental and commercial items for multi-threat protection, establishes occupational healthy and safety standards and defines mission concept of operations. This effort is time critical and involves collaboration among many experts from Federal government and industry.

Objective:

- Develop standardized and nationally validated test methods for PPE against TICs
- Determine PPE protective capabilities against TICs

Project Team:

The U.S. Army Natick Soldier Center - National Protection Center (NSC - NPC) leads this effort. Other members include:

- Battelle Memorial Institute
- U.S Army Edgewood Chemical and Biological Center
- U.S. Army Dugway Proving Ground
- U.S. Army Center for Health Promotion and Preventive Medicine
- Department of Health and Human Services National Institute for Occupational Safety and Health (NIOSH)

Points of Contact

National Protection Center

COMM (508) 233-5571, DSN 256-5571



**NATICK
SOLDIER
CENTER**

Kansas St.
Natick, MA
01760
nsc.natick.armymil