

# National Standards for Personal Protective & Operational Equipment for Emergency Responders

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Standards Portfolio

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# The Absence of Standards is Creating Confusion for Emergency Responders



**Does this work?**



**Does this solve the right problem?**



**How do I test this?**

**NOW AVAILABLE!**  
Radiation/Multi-Toxin  
Detection Meter

**\$299.99\***

- Advanced Radiation and Bio-Chemical Agent Protection!
- Industry Leading Working Duration
- Completely Self-Contained
- Compact and Innovative Design

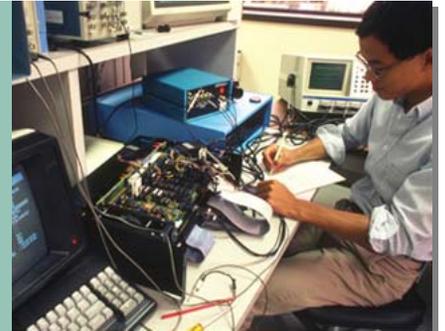


*\* Special GSA rates on request*

**How do I use this?**



**Will this work with my other devices?**



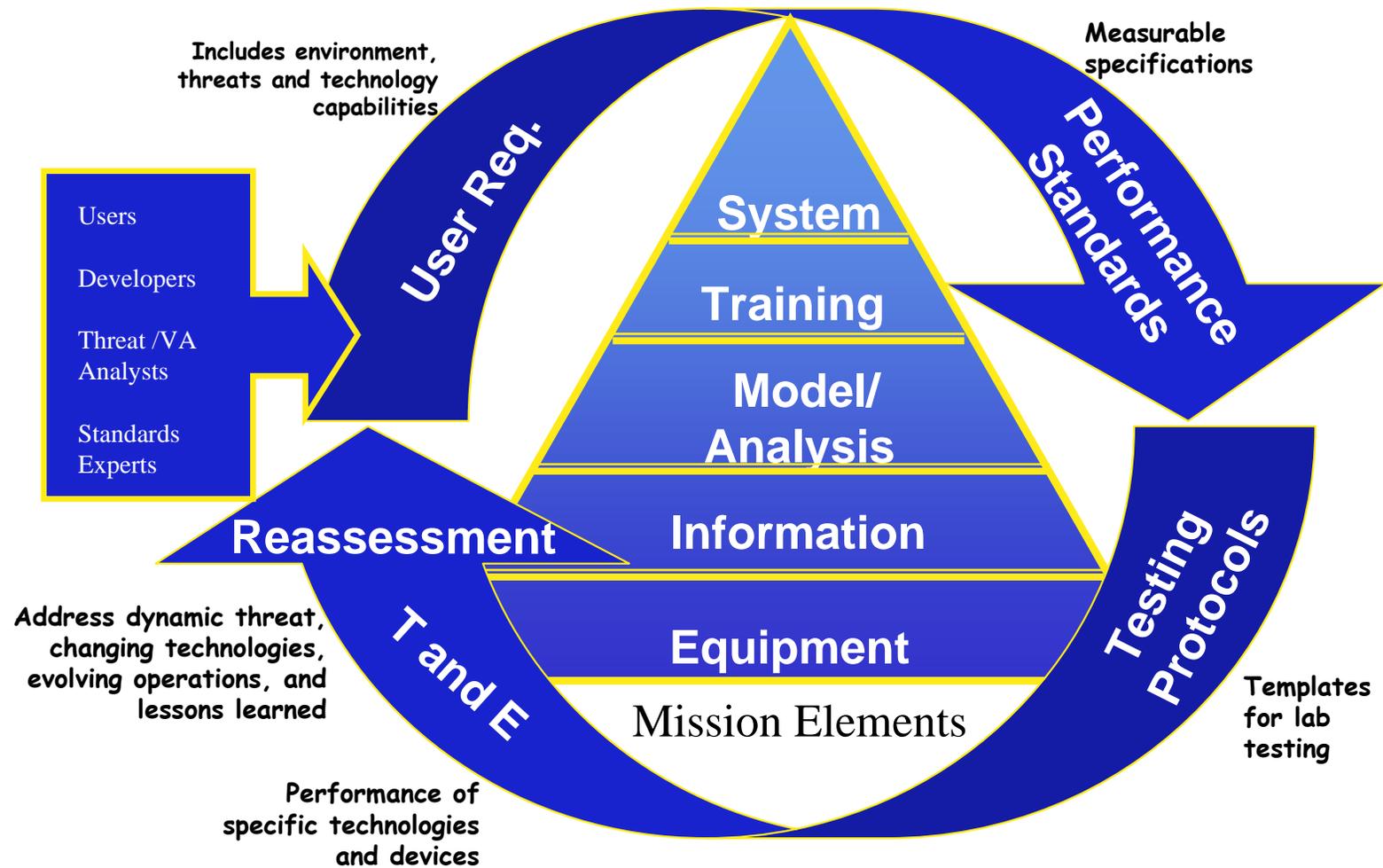
**Should I buy this?  
How do I comparison shop?**



# DHS Standards

- DHS lacks statutory authority to issue standards except in limited legacy programs – Coast Guard marine safety equipment
- Public Law 104-113 (1995) - Directs that agencies will use *voluntary consensus standards* (ANSI)
- DHS is working with NIST, users, manufacturers and testing facilities to develop consensus on USAR robot standards

# Radiation Detectors Standards Portfolio Process



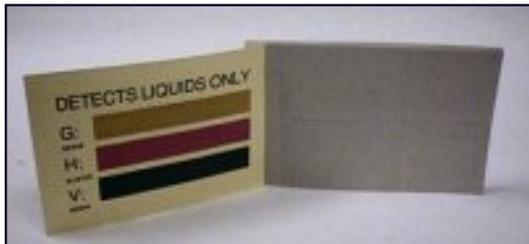
# PP&O Equipment Standards

## Functional Areas

**Respiratory  
Protection  
Equipment**



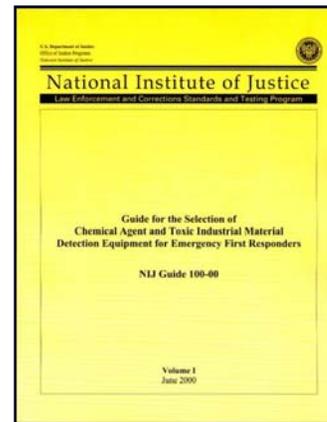
**Operational  
Equipment**



**Detection Equipment**  
 **Homeland  
Security**



**Protective Equipment**



**Compendia**



**Decontamination**



**Communications  
Equipment  
interfaces**

# Emergency Responder Standards Needs

- Personal Protective Equipment
- Radiation detectors
- Chemical agent detectors
- Explosives detection
- Biological agent detectors
- Urban search & rescue robots
- Communications equipment
- Incident management standards



Homeland  
Security

# Emergency Responder Standards Projects

- Personal Protective Equipment (NFPA, NIOSH)
- Radiation detectors (IEEE/ ANSI N42)
- Chemical agent detectors (ASTM E54)
- Explosives detection (NIST)
- Biological agent detectors (AOAC)
- **Urban search & rescue robots (NIST)**
- Communications equipment (SAFECOM)
- Incident management standards (NIC)



Homeland  
Security



Homeland  
Security