



## **Draeger PSS7000 Defense Version Self-Contained Breathing Apparatus**

### **DraegerPSS7000**

#### **Description**

The Draeger PSS7000 defense Version is a Commercial Off The Shelf (COTS) item which is fielded to Special Purpose CBRN Consequence Management Units to meet part of their CBRN Mission. The Draeger PSS 7000 Defense is a Self Contained Breathing Apparatus, Certified to NFPA 1981, 2007 Edition and is compatible with NFPA Certified Class 1 and 2 Ensembles.

#### **Mission**

Special Purpose CBRNe CM units have a mission requirement for certified to current National Standards (NIOSH, OSHA, NFPA etc) Personal Protective Equipment, to include respiratory and ocular protection.



#### **Capabilities**

- Fully COTS Item. The Draeger PSS7000 Defense Version is currently in production and available for procurement
- The Draeger PSS7000 carbon fiber composite back plate is adjustable to fit to the torso length of any user
- The Draeger PSS7000 comes with the Sentinel 7000, a fully integrated "Smart Electronic Monitoring Device" housed in a robust impact resistant waterproof housing.
- The Sentinel 7000 is both a cylinder pressure gauge and an integrated PASS warning device with visual and attention demanding (>95 dBA) audible warning system.
- The PASS alarm uses a solid state surface mounted accelerometer motion sensor that measures movement on two axes.
- The DraegerPSS7000 has a central battery system which supplies power to the system with an additional back-up battery.

#### **Users**

US Army

#### **Status**

Sustainment

This Fact Sheet was cleared for public release on 3/30/2012.

Point of Contact: Chemical, Biological, Radiological, & Nuclear Information Resource Center (CBRN IRC), CBRN.IRC@us.army.mil,  
Toll Free: 1-800-831-4408, Commercial: (309) 782-7349, DSN: 793-7349, Fax: (309) 782-1919