

Overview

About the RKB

The Responder Knowledge Base (RKB) is designed to provide emergency responders with a "first stop" for integrated information on standards, certifications, training, grants, and available responder-related equipment, including organizing lists such as the InterAgency Board's (IAB) Standardized Equipment List (SEL), and the Authorized Equipment List (AEL) from the Department of Homeland Security, Federal Emergency Management Agency (DHS FEMA) Grant Programs Directorate (GPD).

The RKB provides knowledge links, user opinions, and hints authored by subject matter experts. By integrating this information into one location, the RKB has become a "go-to" site for the responder community to begin answering questions such as:

- What equipment is out there? (including searches using the SEL and AEL)
- Has it been certified?
- To what standard?
- What training is needed to use the equipment?
- How do I pay for it?
- Whom can I talk to that has used the equipment?

Equipment vendors, testing agencies, standards organizations and training organizations are supporting the RKB by populating it with current data. There is no charge to them for posting their data, and no charge to the responder community for accessing it. The RKB is provided as a public service, and has been online since October 2003.

Funding

The RKB is funded by the **DHS FEMA National Preparedness Directorate**.

Mission Statement

The RKB Mission is "to provide emergency responders, purchasers, and planners with a trusted, integrated, on-line source of information on products, standards, certifications, grants, and other equipment-related information."

RKB Content

The RKB has been designed and constructed specifically to serve the needs of emergency responders. Partners, vendors and RKB staff are constantly submitting and updating content to, and throughout the site. This content is rigorously screened by RKB staff for validity, and to ensure that it is related to the first responder mission. Once completed, the RKB staff then posts the information to the site where it can be easily viewed and searched by RKB users.

The types of content listed on the site cover a broad range of topics and information, such as:

- Grants and Assistance Programs
- AEL Items
- SEL Items
- Decontamination Products
- Detection Products
- Medical Products
- PPE Products
- Operational and US&R Products
- Communications Products
- Information Technology Products
- Operational Assessments
- LLIS (Lessons Learned) Documents
- System Assessment and Validation for Emergency Responders (SAVER) Program Documents
- Training
- Publications and References
- Certifications
- Standards
- Hints
- Mission Critical Hints
- Current Industry/Government News Items and Releases

RKB Partners

The RKB currently has 11 strategic partnerships. The RKB gratefully acknowledges the support and information that these partners share with the RKB. To request a strategic partnership, please contact the RKB. Contact information can be found in this tutorial in the *Contact Us* section.



The InterAgency Board



The National Bomb Squad Commanders Advisory Board



The National Association of Emergency Medical Technicians, Inc.



International Association of Chiefs of Police



The National Sheriffs' Association



National Tactical Officers Association



The International Association of Fire Fighters



International Association of Fire Chiefs



International Association of Emergency Managers



National Institute for Occupational Safety and Health



The International Safety Equipment Association

RKB Contact Information

There are several methods for RKB users to contact RKB staff with questions, concerns, or issues regarding the RKB.

The first method would be to contact the RKB by telephone via the helpdesk, Monday-Friday 8am-5pm EST, at 1-877-FEMA-RKB (1-877-336-2752).

A second option would be to contact the RKB by email at RKMailbox@us.saic.com

Another avenue would be through the **Ask an Expert** feature in the RKB. This feature can be accessed on any record page in the green menu bar in the upper right-hand side. The **Ask an Expert** feature is for users with general questions about equipment, certifications, standards, or other related topics that are not answered by the content of the website. The RKB has a network of Subject Matter Experts who are available to attempt to provide answers to these questions. This feature is further covered in *Additional Features - Ask an Expert* of this tutorial.

Within the **Ask an Expert** record page, there is an option for a user to provide feedback to the RKB staff. **Feedback** is checked daily by the RKB staff and replies will be sent regarding the feedback where applicable. **Feedback** is also further explained in *Additional Features – Feedback* of this tutorial.

Searching the RKB

Types of Searches

There are two main ways to search for information in the RKB. The first method would be to conduct a **Keyword Search** which searches the content of the entire RKB site. The second method is to use the links in the gray tabs on the top navigation bar to go to the specific content section and conduct a search within that specific section. The following sections in this tutorial will go into greater detail on how to perform these searches.

The screenshot shows the FEMA Responder Knowledge Base website. At the top left is the FEMA logo and the text "Responder Knowledge Base". On the right, there are links for "Contact Us", "Tutorial", and "Help". A search bar contains the text "Keyword Search" and a "Go" button. Below the search bar is a navigation bar with tabs: "Home", "Products", "Grants", "AEL/SEL", "Other Content", and "News Archive". The "Home" tab is highlighted with a blue box and the number "1". Below the navigation bar, the main content area is divided into several sections: "Our New Look", "RKB Mission", "Products", "Other Content", "Welcome to the Responder Knowledge Base", "COPS Hiring Recovery Program", "DHS R-Tech Program Releases January Newsletter", "ECBC Mass Decontamination Guide Update and Request for Comments", "RKB Recommends", "Events Calendar", "Login to the RKB", "Recent News", and "Partners". The "Events Calendar" shows a calendar for March 2009 with the 25th highlighted. The "Login to the RKB" section has a form with fields for "Email" and "Password", a "Login" button, and links for "Login Help" and "Create an Account".

1 Gray Navigation Bar: Use the navigation bar to go to a specific content section and conduct a search within that specific section

2 Keyword Search: Enter desired search information here and click on the **Go** button to start the RKB system-wide search.

Keyword Search

The **Keyword Search** allows a user the ability to search any word or phrase that they would like to find related information on in the RKB. When searching in this feature, the RKB will then display all records where that word or phrase appears in the search results. There are also some tricks below that will generate the highest quality results.

Here are a couple of helpful search rules:

- When searching for a specific phrase, like *chemical protective suit*, the search feature is set to pull any record page in the RKB where these three words are listed together in this exact order.
- When conducting a search, again using *chemical protective suit* as an example, and looking for any record that contains these three words, there are two ways to arrive at this result. The first method for conducting this type of search would be to click on the **Tip: To search for individual words click here** link when conducting the exact word/exact order search described in the first bullet above. The second method would be to type *or* between each of the search words, for example *chemical or protective or suit*. The search results for both of these methods will pull any record that contains any of the words in any combination or order.
- For any of the above search methods, the RKB has the ability to narrow the search results further. For example, if a search is conducted for *chemical protective suit*, the search can be refined further by searching for records also containing information related to the National Fire Protection Association (NFPA). Searching for *NFPA* in the **Search Phrase** box and then by clicking on the button for **Search again within this result** will further narrow the results returned.

Knowledge Base Search

Search Phrase:

Results for Search String: "chemical protective suit"

All (14)

- Operational Assessments (2)
 - Operational Assessments (1)
 - NTOA Member Tests (1)
- Product (8)
 - Personal Protective Equipment (PPE) (8)
 - Standard (4)

Results 1 - 14 of 14 Display: 20

Title
Hazmax EZ-Fit Boot - Onguard Industries Hazmat boot - designed for easy donning and doffing while wearing chemical protective suit.
Onguard Hazmax EZ-Fit 007 - Onguard Industries 11" Hazmax EZ-Fit boot has a steel toe, steel shank and steel midsole with non-slip EZ-decon outsole.
ASTM F1154-99a Standard Practices for Qualitatively Evaluating Chemical-Protective Suit Ensembles Standard Practices for Qualitatively Evaluating the Comfort, Fit, Function, and Integrity of Chemical-Protective Suit Ensembles
ASTM F1154-99a(2004) Standard Practices for Qualitatively Evaluating the Comfort, Fit, Function, and... 1.1 These practices are intended for evaluating chemical-protective suit ensembles to determine the suitability of the ensemble in a work environment on the basis of its comfort, fit, function, and integrity. 1.1.1 Option A is a manned exercise scenario intended to test the strength and durability...
ASTM F1359-99a Standard Test Method for Liquid Penetration Resistance of Protective Clothing Measures the ability of a chemical protective suit or suit ensemble to resist liquid penetration in the form of a shower spray with surfactant treated water.
ISO 17491:2002 Protective clothing - Protection against gaseous and liquid chemicals -... This International Standard specifies six different test methods for determining the resistance of complete protective clothing to inward leakage of either gaseous or liquid chemicals (protective clothing integrity). These test methods apply to either liquid or gaseous chemicals, or aerosols, and...
Best Viton 890 Heavyweight Glove - Best Manufacturing Company Best Viton 39 mil, 14 inch long glove is made from Viton over Butyl with a rolled cuff and fits chemical protective suit cuffs. Viton provides protection from halogenated, aliphatic and aromatic hydrocarbons.
Chemical Protective Clothing for Law Enforcement Patrol Officers ... Chemical Weapons These protective suit ensembles were tested for use by patrol officers operating on the perimeter of a chemical

1 Keyword Search:
Enter desired search information here and click on the **Go** button to start the RKB system-wide search.

2 Search Phrase Box:
Enter desired search word(s) in this box to refine search using the **Search again within this result** button, or start a new search by clicking on the button of the same name.

3 "New Search" Button:
Enter desired search information in the **Search Phrase Box** and then click on this button to begin a new search.




4 "Search again within this result" Button:
Enter desired search information in the **Search Phrase Box** and then click on this button to further refine the current search.

Understanding the Search Results

When conducting a **Keyword Search**, often there will be related results returned from multiple types of RKB content such as AEL/SEL items, grants, products, standards, publications, etc. On the Search Results Page, categories of results are displayed on the left in the navigation tree and the individual items on the right in the results area. For example, by searching the keyword "AEL", the results will look like the screen below:

The screenshot shows the FEMA Responder Knowledge Base search results page. At the top, there is a navigation bar with the FEMA logo and the text "Responder Knowledge Base". Below this is a search bar with the text "Search: Keyword Search" and a "Go" button. The main content area is titled "Knowledge Base Search" and features a search phrase input field, a "New search" button, and a "Search again within this result" button. The search results are displayed in a table with a "Title" column. The results are filtered by the search string "ael". On the left side, there is a navigation tree with categories such as "All (1057)", "AEL/SEL Items (1000)", "Decontamination Efficacy (30)", "FAQ (1)", "Grants and Assistance Programs (3)", "Mission Critical Hint (1)", "News (18)", "Operational Assessments (1)", "Product (2)", "Information Technology (2)", "Software (1)", "Systems (1)", and "Publication/Reference (1)". The "All (1057)" category is highlighted with a blue circle and the number 1. The results area shows a list of search results, with the first result "Updated AEL and SEL Now Available on Responder Knowledge Base" highlighted with a blue circle and the number 2. The results area also includes a "Results 1 - 20 of 1057" indicator, a "[Next 20 >]" button, and a "Display: 20" dropdown menu.

- 1 Category Navigation Tree:** This navigation tree gives the user the ability to look at categories of specific areas of interest. When selected, only results that are under the selected category or subcategory will be displayed in the results area.
- 2 Results Area:** This shows a listing of all the products that are related to the search that was conducted.

Item #1, highlighted above, is the navigation tree on the left side of the screen. This tree can be expanded to view related records that fall under the keyword search that was conducted. For example, by clicking on the  next to the **Products** category it will expand the navigation tree to reveal subcategories that fall within the **Products** category. Once expanded, it will change the  symbol to a , which allows the navigation tree to be collapsed.

By clicking on a category, only those items that fall under that category will be shown in the results area (#2 above). Clicking on the items in the results area will pull up the record page for that item. Understanding the format and content of the individual record pages that are generated when selecting a specific product, or any RKB content item for that matter, is discussed later in the tutorial in the *Viewing Content* section.

RKB Content

Products

One of the main points of interest for users who visit the RKB is the **Products** section of the site. The RKB actively seeks out vendors/manufacturers who have responder related products. These products are not an exhaustive list, as they are put on the RKB voluntarily by the vendors/manufacturers. To view the products listed on the RKB, simply click on **Products** in the gray navigation bar of any RKB record page. This will bring up the **Products** content page. Products are broken down into categories by type/intended use. Products that do not fall within a specific category will be placed in the **Uncategorized Products** category. The full list of categories is:

- Personal Protective Equipment (PPE)
- Operational and US&R Equipment
- Information Technology
- Communications
- Detection
- Decontamination
- Medical
- Uncategorized Products

By clicking on any of the above categories in the RKB, it will open the results page and display the products from the selected category. Searches for specific products can be conducted by entering the search word in the **Search Phrase** text box.

Knowledge Base Search

1 Search Phrase:

Results for Search String: "helmet"

2 All (472)

- AEL/SEL Items (29)
- Certifications and Declarations (131)
- NIMS Resource Types (1)
- Operational Assessments (16)
 - Operational Assessments (1)
 - SAVER Assessments (3)
 - NTOA Member Tests (12)
- Product (263)
 - Personal Protective Equipment (PPE) (172)
 - Operational and US&R Equipment (65)
 - Communications (21)
 - Decontamination (1)
 - Medical (2)
 - Uncategorized Products (2)
 - Publication/Reference (4)
 - Standard (27)

3 Results 1 - 20 of 472 [\[Next 20>>\]](#) Display: 20

Title
AOSafety® M-Tac CBRN APR - Aearo Company AOSafety M-Tac gas mask provides chemical/biological protection for law enforcement and emergency responders with a military style system that has excellent protection and field of vision.
Avon CBRN C50 - Avon Protection Systems, Inc NIOSH CBRN C50 - The latest generation of respirator designed specifically for law enforcement and correctional officers. Developed from the new DOD M50 respirator, the C50 provides optimum integration with equipment and low cost of ownership.
1910 Traditional Freedom Helmet - Chieftain Safety Manufacturing The Chieftain 1910 Traditional Freedom firefighter helmet combines the classic American firefighting helmet style with the state-of-the-art safety and performance features you have come to expect from Chieftain.
Cairns® 1010 Traditional Composite Fire Helmet - MSA - The Safety Company The MSA Cairns 1010 Traditional Composite Fire Helmet
Cairns® 360 Structural Fire Helmet - MSA (Mine Safety Appliances Co.) The MSA Cairns 360 Structural Fire Helmet is a modern style helmet and the lightest and lowest-profile helmet offered by MSA.
Cairns® 660C Metro Fire Helmet - MSA (Mine Safety Appliances Co.) The MSA Cairns 660C Metro Fire Helmet is a modern style helmet that is lightweight, well-balanced and designed with a low-profile.
Cairns® 660P Phoenix Fire Helmet - MSA (Mine Safety Appliances Co.)

4 CBRN

1 Search Phrase:
Entering data in this box will allow for a search within the existing results, or will give the option to start a new search.

3 Results Area:
This shows a listing of all the products that are related to the search that was conducted.

2 Category Navigation Tree:
This navigation tree gives the user the ability to look at categories of specific areas of interest. When selected, only results that are under the selected category or subcategory will be displayed in the results area.

4 Special Interest Icons:
The special interest icons will be displayed on the right side of the results area.


Item #2, highlighted above, is the navigation tree on the left side of the screen. This tree can be expanded to view related records that fall under the keyword search that was conducted. For example, by clicking on the next to the **Product** category it will expand the navigation tree to reveal subcategories that fall within the **Product** category. Once expanded, it will list the type of products found under that category and will change the symbol to a , which allows the navigation tree to be collapsed.


By clicking on a category, only those items that fall under that category will be shown in the results area (#3 above). Clicking on the items in the results area will pull up the record page for that item. Understanding the format and content of the individual record pages that are generated when selecting a specific product, or any RKB content item for that matter, is discussed later in the tutorial in the *Viewing Content* section.


Special Interest Icons

From the results of a product search, there are five possible icons that may appear in the product search results area. The significance of each icon is outlined in the chart below.

CBRN NIOSH CBRN Approved: This icon appears for respiratory protection products that have been approved by the National Institute for Occupational Safety and Health (NIOSH) as meeting one of the NIOSH Chemical, Biological, Radiological, Nuclear (CBRN) Statements of Standard. On the display page for that product, the NIOSH certifications will appear in the Knowledge Links box on the right side of the page.

 Third-Party Certification(s) available: This icon appears for products that have been tested by a third party. On the display page for that product, the certification(s) will appear in the Knowledge Links box on the right side of the page. This icon will NOT appear if an item is self-certified to a standard by the manufacturer.

 Operational Assessment(s) available: This icon appears for products that have at least one associated Operational Assessments Report, such as a comparative test through the System Assessment and Validation for Emergency Responders (SAVER) Program. Operational Assessments can be either single-product or comparative, but always offer independent test results in realistic conditions or against live agents. On the display page for that product, the Operational Assessment(s) will appear in the Knowledge Links box on the right side of the page.

 User Opinion(s) Available: This icon appears for products or training courses that have at least one user opinion giver on the site. On the display page for that product, the user opinion(s) is located in the Knowledge Links box on the right side of the page.

TSA The Transportation Security Administration (TSA), in conjunction with the Transportation Security Laboratory, maintains a Qualified Products List (QPL) for use in airports. For a product to be certified by TSA and placed on the QPL it must meet both laboratory testing and operational performance requirements. Some products pass only one part of the testing, others pass both and are placed on the QPL.

AEL/SEL

Introduction

The RKB is the sole source for the interactive versions of the Department of Homeland Security, Federal Emergency Management Agency (DHS FEMA) Grant Programs Directorate's (GPD) Authorized Equipment List (AEL) and the InterAgency Board's (IAB) Standardized Equipment List (SEL), as well as the Integrated AEL/SEL Display feature.

A quick overview:

AEL - The AEL is put out by the GPD and is an authorized equipment category list—not an authorized product list. That means that the AEL provides general descriptions of types of equipment which are allowable for purchase using DHS grant funds, but it will not list any specific products (i.e. products by name brand or manufacturer). Only those items listed on the AEL will be allowable for acquisition using DHS grant funds, although in very limited instances there are exceptions to this rule.

SEL – The SEL is put out by the InterAgency Board (IAB) and is similar to the AEL in that it shares many of the same equipment categories (and designation numbers), provides general descriptions of types of equipment, but goes further by making recommendations on training and standards, with a focus on interoperability. However, it differs in the fact that the SEL can be linked to actual products on the RKB (only those products listed by their vendors on the RKB) when approved by the IAB as meeting the category's intended use(s) criteria.

Integrated AEL/SEL – The Integrated AEL/SEL is the bridge in the RKB to indirectly link products (listed on the RKB by their vendors) to the AEL. As previously mentioned, the AEL does not contain specific products, while the SEL can be linked to products when approved by the IAB. Where the AEL and SEL share identical equipment categories, the AEL and SEL records are linked together through a feature in the RKB (this feature, **Knowledge Links**, will be discussed later in this tutorial), thus allowing a responder to determine if a specific product may be covered by an AEL category.

The following sections of this tutorial will go into greater detail on the purposes of these Lists, as well as the steps that users will take to find them in the RKB, search them, their relationship to each other, and relationship to grant programs listed in the RKB.

The Authorized Equipment List

The Authorized Equipment List (AEL) is published by Department of Homeland Security, Federal Emergency Management Agency (DHS FEMA) Grant Programs Directorate (GPD) and provides first responders with a reference list of generic equipment category items. It is important to note that the AEL is an authorized equipment category list—not an authorized product list. That means that the AEL provides descriptions of types of categories of equipment which are allowable for purchase using certain DHS grant funds, but the list does NOT list products by name brand or manufacturer. Only those items listed on the AEL will be allowable for acquisition using DHS grant funds, although in very limited instances there are exceptions to this rule.

As with any RKB content, there are many ways to find AEL items, including site-wide keyword searches or knowledge links from related items. To get to the page below, click on the **AEL/SEL** tab in the gray navigation bar located at the top of any RKB record page. On the next page click on **AEL Only**.

This is the "home page" of the AEL, and it can be expanded through the tree structure to get to individual AEL items. Once any AEL item is selected, the standard content display page for that item will open, and **Knowledge Links** will allow the related products, publications, standards, grants, and other information to be examined.

DHS Authorized Equipment List

The **Authorized Equipment List (AEL)**, published by the FEMA Grant Programs Directorate, Department of Homeland Security, is used to determine equipment allowability under multiple grant programs as shown below. This version of the AEL applies to **FY2005 and later Fiscal Years** unless otherwise noted in the individual item data.

This list contains all items. Click [here](#) to customize by Grant.

[Expand](#) | [Collapse All](#) (may take a while)

- [-] **AEL**
 - [-] [01] Personal Protective Equipment
 - [-] [01AR] Respiratory Protection Equipment
 - [+] [01AR-01] CBRN Self-Contained Breathing Apparatus (SCBA) and Supplied-Air Respirators (SAR ...
 - [+] [01AR-02] CBRN Air-Purifying Respirator (APR)
 - [+] [01AR-03] CBRN Powered Air-Purifying Respirator (PAPR)
 - [+] [01AR-04] CBRN Escape Respirator
 - [+] [01AR-05] Combination Respiratory Equipment
 - [+] [01AR-06] Disposable Respirator
 - [+] [01AR-07] Support Equipment
 - [+] [01CB] NFPA 1994 CBRN Terrorism Protective Ensembles
 - [+] [01EM] NFPA 1999 Protective Clothing (Emergency Medical Services)
 - [+] [01LE] Tactical Law Enforcement Protective Equipment



[View the AEL change log](#)

Downloads

Download a copy of the AEL:

- PDF (Section 508 Accessible)
- PDF (Checkbox Format)
- MS Excel

FY2009 Grant Guidance New!

- FY2009 BZPP Grant Guidance
- FY2009 EMPG Grant Guidance
- FY2009 HSGP Grant Guidance
- FY2009 IBSGP Grant Guidance
- FY2009 IECGP Grant Guidance
- FY2009 OPSG Grant Guidance
- FY2009 PSGP Grant Guidance

- 1 Search Phrase:** Keyword search on the item name/type within the AEL.
- 2 Customize by Grant:** Create a "custom" AEL by clicking on **This list contains all items. Click [here](#) to customize by Grant,** and by selecting only the grants of interest in the grant selection box and then clicking on **Customize**.
- 3 AEL Navigation Tree:** Expand any branch of the tree to see subsections and individual AEL items by clicking on the folder.
- 4 AEL Downloads:** This area provides a change log and downloads for key documents.

RKB users have the option of creating a "customized" AEL display by selecting and/or unselecting certain grant programs by clicking on the **This list contains all items. Click [here](#) to customize by Grant** link. By clicking this link, a box containing a list of grant programs will appear. The AEL is then able to be filtered by DHS FEMA grant program by clicking on the small box(es) to the left of the grant(s) to select or unselect the desired program(s).

There is also the option to **Check All** and/or **Uncheck All**. This is featured at the top of the list of grant programs. Once the desired grants have been selected, the **Customize** button should be selected at the bottom of the grant selection box screen. This will produce a filtered list that is tailored to the selected grant program(s).

The screenshot displays the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A search bar is located in the top right corner. Below the navigation bar, a green banner displays the user's name (John Smith) and options for Logout, My RKB, Ask An Expert, and Related DHS Sites.

The main content area is titled "DHS Authorized Equipment List (AEL)". It includes a search phrase field and a description of the AEL's purpose. A prominent link states "This list contains all items. Click [here](#) to customize by Grant".

A dialog box is open over the AEL list, titled "Include (check all that apply):". It contains a "Check All | Uncheck All" link and a list of grant programs with checkboxes:

- State Homeland Security Program / Urban Area Security Initiative (SHSP/UASI)
- Law Enforcement Terrorism Prevention Program (LETPP) or 2008 SHSP/UASI 25% Quota
- Metropolitan Medical Response System (MMRS)
- Citizen Corps Program (CCP)
- Emergency Management Performance Grant (EMPG)
- Buffer Zone Protection Program (BZPP)
- Transit Security Grant Program (TSGP)
- Port Security Grant Program (PSGP)
- Intercity Bus Security Grant Program (IBSGP)
- Chemical Sector Buffer Zone Protection Program (Chem-BZPP)
- Urban Areas Security Initiative-Nonprofit Security Grant Program (UASI-NSGP)
- Public Safety Interoperable Communications (PSIC)
- Emergency Operations Center Grant Program (EOC)

A "Customize" button is located at the bottom of the dialog box.

On the right side of the page, there is a "Downloads" section with a link to "View the AEL change log" and a list of downloadable documents, including "FY2009 Grant Guidance" and various grant guidance documents for different programs.

The Standardized Equipment List

The InterAgency Board's (IAB) Standardized Equipment List (SEL) is published to provide first responders with a recommended list of generic equipment items with a focus to training, standards and interoperability considerations. Its initial focus was Weapons of Mass Destruction/ Chemical, Biological, Radiological/Nuclear, and Explosive (CBRNE) Incident response, but it is now being expanded to an "all-hazards" list with an emphasis on CBRNE. The list is broken down into 21 main SEL categories. These categories are then broken down into generic categories of types of equipment and then further broken down into the individual types of equipment that would fall underneath them. From here, where applicable, the components that make up the individual types of equipment will be listed.

To get to the SEL on the RKB, click on the **AEL/SEL** tab located in the gray navigation bar at the top of any RKB record page. On the results page, click on **SEL Only**. This opens the IAB SEL record page, pictured below. Clicking on the **+** next to each SEL category will expand the navigation tree structure to get to the individual SEL items. Once any SEL item is selected, the standard content display page will open for that item, and with in the **Knowledge Links** section will display related items, such as products, publications, standards, grants, and operational suitability tests.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with tabs for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. Below the navigation bar, there is a search bar and a 'Search' button. The main content area is titled 'I.A.B. Standardized Equipment List'. It features a search phrase input field and a 'Search' button. Below the search bar, there are two links: 'Or Search for Point of Dispensing (POD) Items : Click here to see the (POD) Item List.' and 'Or Search the SEL Using the Selection Matrices'. The main content area displays a tree view of SEL categories. The tree is expanded to show the following items:

- [01] Personal Protective Equipment
 - [01AR] Respiratory Protection Equipment
 - [01AR-01] CBRN Self-Contained Breathing Apparatus (SCBA) and Supplied-Air Respirators (SAR ...)
 - [01AR-02] CBRN Air-Purifying Respirator (APR)
 - [01AR-03] CBRN Powered Air-Purifying Respirator (PAPR)
 - [01AR-04] CBRN Escape Respirator
 - [01AR-05] Combination Respiratory Equipment
 - [01AR-06] Disposable Respirator
 - [01AR-07] Support Equipment
 - [01CB] NFPA 1994 CBRN Terrorism Protective Ensembles
 - [01EM] NFPA 1999 Protective Clothing (Emergency Medical Services)
 - [01LE] Tactical Law Enforcement Protective Equipment

On the right side of the page, there is a 'Downloads' section with a circular logo and text: 'This is the **SPRING 2007 SEL**. It has been published as part of the IAB's 2006 Annual Report, which is currently available. Annual Reports and SELs are available for download in PDF format from the [IAB web site](#).'



SEL Navigation Tree:

Expand any branch of the tree to see subsections and individual SEL items by clicking on the folders.

NOTE: Some items that are recommended by the IAB are not eligible for grant funding, so it is important to be sure which list is being used when considering grant allow-ability.

The IAB Medical Subgroup is testing a concept to improve the utility of the information within the SEL and AEL. The first test is the development of a "list within a list" for items applicable to the establishment of a Point of Dispensing (POD). A POD is a location where pharmaceuticals and other medications are distributed to end users. These facilities range from small clinics to large operations with multiple staging and operation areas. They may also support a range of methods of distributing drugs and medications to the patients. Items applicable to PODs have been annotated by adding "POD-List" to the operational considerations section. A keyword search for "POD-List" will produce a list of these items. This list is not intended to be absolute, but an evolving sample of relevant items.

To view the POD items, simply click on **Or Search for Point of Dispensing (POD) Items: Click here to see the (POD) Item List** at the top of the SEL content page. This will open up the POD items list. Clicking on a desired item will open the SEL record for viewing.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A search bar is located in the top right corner. Below the navigation bar, a green banner displays the user's name (John Smith) and options for Logout, My RKB, Ask An Expert, and Related DHS Sites. The main content area is titled "I.A.B. Standardized Equipment List" and features a search bar and a "Search" button. A callout box with a blue circle containing the number "1" points to a link: "Or Search for Point of Dispensing (POD) Items : Click here to see the (POD) Item List." Below this, there is a section for "Downloads" with a circular logo and text stating: "This is the SPRING 2007 SEL. It has been published as part of the IAB's 2006 Annual Report, which is currently available. Annual Reports and SELs are available for download in PDF format from the IAB web site."



POD Items List Link:

Clicking on this link will open the screen that contains the POD List items.

Some of the most common questions about the SEL relate to the specific equipment recommended for particular responders in specific hazard situations. The IAB has developed a tool that allows users to choose (within each equipment category) a hazard type and mission role, and then see what is recommended. The tool is not comprehensive, but it does allow the IAB to give some ideas to responders. Some combinations (for example, a police patrol officer in a high-vapor chemical threat environment) have few or no recommendations - in those cases, the IAB recommends those personnel not be operating in that threat environment.

To use this feature, first click on the black triangle to the left of **Or Search the SEL Using the Selection Matrices**. Second, select the equipment category from the dropdown list under the area for **Section**. Next select from the dropdown under the **Mission Role** section. Last, select the type of **Hazard Environment** from the dropdown menu and then click the **Search Using These Filters** button, and a standard search results page with the list of recommended items will be displayed.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A search bar is located in the top right corner. Below the navigation bar, a green banner displays the user's name (John Smith) and options for LOGOUT, My RKB, Ask An Expert, and Related DHS Sites.

The main content area is titled "I.A.B. Standardized Equipment List". It features a search phrase input field and a "Search" button. Below this, there are two main options: "Or Search for Point of Dispensing (POD) Items" and "Or Search the SEL Using the Selection Matrices". The latter option is highlighted with a blue circle containing the number "1".

The "Or Search the SEL Using the Selection Matrices" section includes three dropdown menus:

- Section:** 01 - Personal Protective Equipment
- Mission Role:** Patrol Officer
- Hazard Environment:** Vapor/Gas/Aerosol (High Respiratory, High Dermal)

 A descriptive text box to the right of the Mission Role dropdown explains the implications of the selected filters. Below the dropdowns is a "Search Using These Filters" button.

At the bottom of the search results area, there are links for "Expand" and "Collapse All (may take a while)". A list of results is shown under the "SEL" heading, including "[01] Personal Protective Equipment", "[01AR] Respiratory Protection Equipment", and "[01AR-01] CBRN Self-Contained Breathing Apparatus (SCBA) and Supplied-Air Respirators (SAR ...". A FEMA logo is also visible on the right side of the results area.

1 **Search the SEL Using the Selection Matrices:** Enter a section, mission role, and hazard environment, then click on **Search Using These Filters** for recommendations.

Additionally, as with any RKB content, there are other ways to find SEL items, including site-wide keyword searches or Knowledge Links from related content.

The Integrated AEL/SEL Display

To support the response community, the RKB has developed an integrated format that displays Authorized Equipment List (AEL) and Standardized Equipment List (SEL) information in a single record which eliminates the need to reference two separate lists. The integrated AEL/SEL display combines the Authorized Equipment List (AEL) with the Standardized Equipment List (SEL). The AEL is published by Department of Homeland Security Federal Emergency Management Agency (DHS FEMA) Grant Programs Directorate (GPD) and is provided to determine equipment allow-ability under multiple grant programs. The SEL is provided by the InterAgency Board (IAB) for equipment standardization and interoperability. The tree below acts as an index to the combined lists. Individual records within the tree will display an AEL item, SEL item, or both. The record will be marked accordingly with either the AEL logo, SEL logo, or both logos.

The main function of the Integrated AEL/SEL is to serve as the bridge from products listed on the RKB - to the SEL - and finally to the AEL. As discussed in the AEL section of the tutorial, the AEL does not list individual products, nor have products linked to its categories. While the SEL also does not list individual products, products can be linked to applicable SEL categories if deemed to meet the criteria of the category as determined by the IAB. In many instances the SEL and AEL share categories, and where they do, are linked together through the Integrated AEL/SEL, thus indirectly linking products to the AEL category that they may fit under.

As with any RKB content, there are many ways to find the integrated AEL/SEL items, including site-wide keyword searches or knowledge links from related items. To get to the page below, click on the **AEL/SEL** link located in the gray navigation bar at the top of any RKB content page. On the next record page, click on **Integrated AEL/SEL Display**.

Pictured below is the “home page” of the Integrated AEL/SEL and the navigation tree structure that can be expanded to get to the individual items. Once any AEL/SEL item is selected, the record page for that item will be displayed, and the **Knowledge Links** box, located on the right-hand side of the record page, will highlight links within the RKB to related products, publications, standards, grants, and other information.

RKB Integrated Display Page

1

► Or Search for Point of Dispensing (POD) Items : [Click here to see the \(POD\) Item List.](#)


► Or Search Using the SEL Selection Matrices



The **Authorized Equipment List (AEL)**, published by the FEMA Grant Programs Directorate, Department of Homeland Security, is used to determine equipment allowability under multiple grant programs as shown below. This version of the AEL applies to **FY2005 and later Fiscal Years** unless otherwise noted in the individual item data. This integrated display page incorporates, with permission, information from the **Standardized Equipment List (SEL)** published by the InterAgency Board for Equipment Standardization and Interoperability. The tree below serves as an index to the combined lists. Individual items within the tree may be part of the AEL, the SEL, or both, and will be marked accordingly.

This list contains all items. Click [here to customize by Grant.](#) 2

[Expand](#) | [Collapse All \(may take a while\)](#)

- [-] **AEL / SEL** 3
- [-] [01] Personal Protective Equipment
 - [-] [01AR] Respiratory Protection Equipment
 - [-] [01AR-01] CBRN Self-Contained Breathing Apparatus (SCBA) and Supplied-Air Respirators (SAR ...
 - [-] [01AR-02] CBRN Air-Purifying Respirator (APR)
 - [-] [01AR-03] CBRN Powered Air-Purifying Respirator (PAPR)
 - [-] [01AR-04] CBRN Escape Respirator

 4

[View the AEL change log](#)
Downloads
Download a copy of the AEL:
 PDF (Section 508 Accessible)
 PDF (Checkbox Format)
 MS Excel
[FY2009 Grant Guidance](#) **NEW!**

1 **Search Phrase:** Keyword search on the item name/type within the Integrated AEL/SEL.

3 **Integrated AEL/SEL Navigation Tree:** Expand any branch of the tree to see subsections and individual AEL/SEL items by clicking on the folder.

2 **Customize by Grant:** Create a "custom" AEL/SEL by clicking on **This list contains all items. Click [here to customize by Grant](#)**, and by selecting only the grants of interest in the grant selection box and then clicking on **Customize**.

4 **AEL/SEL Downloads:** This area provides a change log and downloads for key documents.

NOTE: Not all of the items on the Integrated AEL/SEL display will be searchable using the SEL selection matrices because there are some items that only appear on the AEL.

The IAB Medical Subgroup is testing a concept to improve the utility of the information within the SEL and AEL. The first test is the development of a "list within a list" for items applicable to the establishment of a Point of Dispensing (POD). A POD is a location where pharmaceuticals and other medications are distributed to end users. These facilities range from small clinics to large operations with multiple staging and operation areas. They may also support a range of methods of distributing drugs and medications to the patients. Items applicable to PODs have been annotated by adding "POD-List" to the operational considerations section. A keyword search for "POD-List" will produce a list of these items. This list is not intended to be absolute, but an evolving sample of relevant items.

To view the POD items, simply click on **Or Search for Point of Dispensing (POD) Items: Click here to see the (POD) Item List** at the top of the Integrated AEL/SEL Content page. This will open up the POD items list. Clicking on a desired item will open the AEL/SEL record for viewing.

Some of the most common questions about the SEL relate to the specific equipment recommended for particular responders in specific hazard situations. The IAB has developed a tool that allows users to choose (within each equipment category) a hazard type and mission role, and then see what is recommended. The tool is not comprehensive, but it does allow the IAB to give you some ideas. You'll note that some combinations (for example, a police patrol officer in a high-vapor chemical threat environment) have few or no recommendations - in those cases, the IAB recommends those personnel not be operating in that threat environment.

This feature has also been included in the Integrated AEL/SEL section of the RKB. To use this feature, first click on the black triangle to the left of **Or Search the SEL Using the Selection Matrices**. Second, select the equipment category from the dropdown list under the area for **Section**. Next select from the dropdown under the **Mission Role** section. Last, select the type of **Hazard Environment** from the dropdown menu and then click the **Search Using These Filters** button, and a standard search results page with the list of recommended items will be displayed.

RKB Integrated Display Page

Search Phrase: **1**

► Or Search for Point of Dispensing (POD) Items : [Click here to see the \(POD\) Item List.](#) **2**

▼ Or Search Using the SEL Selection Matrices **3**

Section:

Mission Role:

Hazard Environment:

Initial response into possible WMD incident in law enforcement capacity. Responder would have risk of exposure during the first response and initial phase of the event. Any requirement to work within the hazardous environment beyond the initial recognition phase would generally result in the individual being reclassified into one of the other mission areas identified in this matrix.

A chemical warfare agent or toxic industrial chemical found at the response scene that is present as a gas, a vapor that evaporates from a liquid, or a finely aerosolized low vapor pressure liquid. High Respiratory refers to the airborne concentration present and suggests that the concentration is above respiratory IDLH levels. High Dermal indicates a significant dermal contact or absorption risk for acute/chronic skin toxicity or systemic health effects via skin contact (e.g. carcinogens).

The **Authorized Equipment List (AEL)**, published by the FEMA Grant Programs Directorate, Department of Homeland Security, is used to determine equipment allowability under multiple grant programs as shown below. This version of the AEL applies to **FY2005 and later Fiscal Years** unless otherwise noted in the individual item data. This integrated display page incorporates, with permission, information from the **Standardized Equipment List (SEL)** published by the InterAgency Board for Equipment Standardization and Interoperability. The tree below serves as an index to the combined lists. Individual items within the tree may be part of the AEL, the SEL, or both, and will be marked accordingly.

[This list contains all items. Click here to customize by Grant.](#)



1 Search Phrase Box:
 Conduct a keyword search within the Integrated AEL/SEL.

2 POD Items List Link:
 Clicking on this list will open the screen that contains the POD List items.

3 Search the Integrated AEL/SEL Using the Selection Matrices:
 Enter a section, mission role, and hazard environment, then click on **Search Using These Filters** for recommendations.

As with the individual AEL section of the RKB, RKB users have the option of creating a "customized" Integrated AEL/SEL display by selecting and/or unselecting certain grant programs by clicking on the **This list contains all items. Click [here](#) to customize by Grant** link. By clicking this link, a box containing a list of grant programs will appear. The Integrated AEL/SEL is then able to be filtered by DHS grant program by clicking on the small box(es) to the left of the grant(s) to select or unselect the desired program(s).

There is also the option to **Check All** and/or **Uncheck All**. This is featured at the top of the list of grant programs. Once the desired grant(s) have been selected, the **Customize** button should be selected at the bottom of the grant selection box screen. This will produce a filtered list that is tailored to the selected grant program(s).

NOTE: Not all items in the Integrated AEL/SEL display will be sorted by using the Grant Customization box because there are some items that only appear on the SEL and therefore have no grant guidance.

The screenshot shows the FEMA Responder Knowledge Base website. The main content area is titled "RKB Integrated Display". A search phrase box is visible. Below the search box, there are two options: "Or Search for Point of Dispersion" and "Or Search Using the SEL Selection".

The "Authorized Equipment List (AEL)" section is expanded, showing a list of equipment items under the heading "[01] Personal Protective Equipment". The list includes:

- [01AR-01] CBRN Self-Contained Breathing Apparatus (SCBA) and Supplied-Air Respirators (SAR ...)
- [01AR-02] CBRN Air-Purifying Respirator (APR)
- [01AR-03] CBRN Powered Air-Purifying Respirator (PAPR)
- [01AR-04] CBRN Escape Respirator
- [01AD-01] Combination Respirator Equipment

A "Customize" dialog box is open over the equipment list. It contains the following text:

- Include (check all that apply):
- Check All | Uncheck All
- State Homeland Security Program / Urban Area Security Initiative (SHSP/UASI)
- Law Enforcement Terrorism Prevention Program (LETPP) or 2008 SHSP/UASI 25% Quota
- Metropolitan Medical Response System (MMRS)
- Citizen Corps Program (CCP)
- Emergency Management Performance Grant (EMPG)
- Buffer Zone Protection Program (BZPP)
- Transit Security Grant Program (TSGP)
- Port Security Grant Program (PSGP)
- Intercity Bus Security Grant Program (IBSGP)
- Chemical Sector Buffer Zone Protection Program (Chem-BZPP)
- Urban Areas Security Initiative-Nonprofit Security Grant Program (UASI-NSGP)
- Public Safety Interoperable Communications (PSIC)
- Emergency Operations Center Grant Program (EOC)
- SEL Items not included in AEL (no grant information)
- Customize

On the right side of the page, there are sections for "Downloads" and "View the AEL change log". The "Downloads" section includes:

- Download a copy of the AEL:
 - PDF (Section 508 Accessible)
 - PDF (Checkbox Format)
 - MS Excel
- FY2009 Grant Guidance **NEW!**
- FY2009 BZPP Grant Guidance

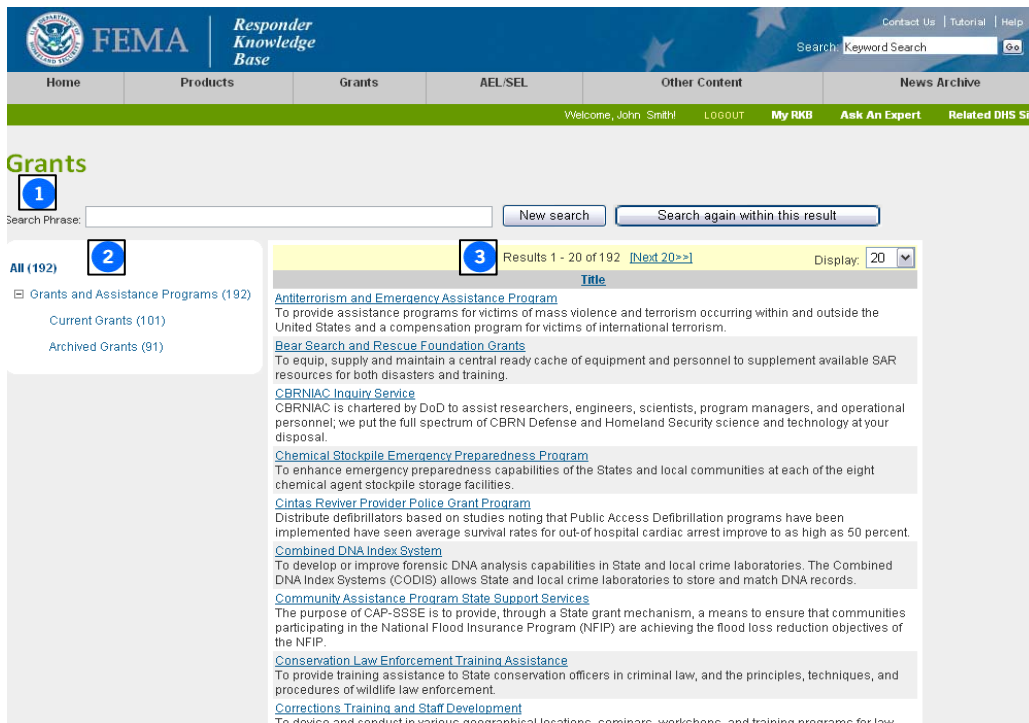
Grants

The RKB has a section devoted entirely to grants. These grant programs serve as a crucial method for many responders to acquire equipment and other resources that may not be covered by state or local budgets. The RKB's **Grant** section houses information on grants from government agencies, as well as private sector companies. These grant records contain the source of the grant program, a summary of the program, objectives that the program hopes to achieve, application deadlines, eligibility requirements, contact information for the grant, and links to the applications or any other pertinent information.

To access the **Grants** content area in the RKB, simply click on **Grants** in the gray navigation bar on any RKB record page. The RKB has broken the grants down into three categories, **Current Grants** and **Archived Grants**.

Current Grants: This section contains current Fiscal Year (FY) program grants, grants that reoccur yearly and have the same application deadlines, or grants that do not have a deadline.

Archived Grants: This section contains grant programs from past FY's to serve as reference for current FY grants.



1 Search Phrase: Entering keywords or specific grants in this box will allow for a search within the existing results, or will give the option to start a new search.

2 Category Navigation Tree: This navigation tree gives the user the ability to filter the Grants by type.

3 Results Area: This shows a listing of all the grants that are related to the search that was conducted.

Other Content

Along with the content areas located in the gray navigation bar at the top of every RKB record page, is the **Other Content** section. The dropdown menu under this button allows different categories of information in the RKB to be viewed, to include sections such as the **Target Capabilities List, NIMS Resource Types, Standards, Certifications and Declarations, Operational Assessments, Lessons Learned Information Sharing, Training, Publications / References, Web Links, Terrorism Response Objectives, and the InterAgency Board Research and Development Summary.**

The screenshot shows the FEMA Responder Knowledge Base website. At the top, there is a navigation bar with the FEMA logo and the text "Responder Knowledge Base". Below the navigation bar, there is a search bar and a "Contact Us | Tutorial | Help" link. The main navigation bar includes "Home", "Products", "Grants", "AEL/SEL", "Other Content", and "News Archive". The "Other Content" tab is selected, and a dropdown menu is open, listing various categories: Target Capabilities List (TCL), NIMS Resource Types, Standards, Certifications and Declarations, Operational Assessments, Lessons Learned Information Sharing (LLIS) Documents, Training, Publications / References, Web Links, Terrorism Response Objectives, and IAB R&D Summary Report. A blue box with the number "1" highlights the "Other Content" tab. Below the navigation bar, there is a "Welcome to the Responder Knowledge Base" section with a "COPS Hiring Recovery Program" article. To the right, there is an "Events Calendar" for March 2009, showing dates from 1 to 31. Below the calendar, there is a "Partners" section with a logo for the International Fire Marshals Association. On the left side, there is a "Products" section and an "Other Content" section with a blue box and the number "2" highlighting the "Other Content" link.

- 1 The Other Content Tab (With dropdown menu shown):**
Scroll through the dropdown menu to access this content on the RKB.
- 2 The Other Content Homepage List:**
Click on any of the content categories to view that section of the RKB.

Viewing Content

Content Display Page

The previous sections of the RKB tutorial have shown a user the content sections of the RKB, and how to perform searches in these areas, whether they are specific searches within content areas of the RKB or general keyword searches throughout the entire content of the site. This section will attempt to highlight important areas of the content display pages that are generated through these searches.

Along with the gray navigation bar, there are two distinctive elements in any content display pages: the **Navigation Steps** and the **Knowledge Links** box.

FEMA Responder Knowledge Base

Home | Products | Grants | AEL/SEL | Other Content | News Archive


Welcome, John Smith | LOGOUT | My RKB | Ask An Expert | Related DHS Sites

Products

Personal Protective Equipment (PPE) \ Respiratory Protection Equipment \ Respirator Accessories **1**

3M™ Canister CP3N

[Volunteer User Opinion](#) | [Print](#) | Compare:



Information Provided By: 3M
Technology: not provided
Developer: not provided
Manufacturer Type: not provided
Manufacturer: 3M
Protection Type: CN, CS, P100
Model Number: CP3N
Part Number: 450-02-11R06

Description:
This canister is designed for first responder applications commonly found in law enforcement, fire and emergency response (paramedics) environments. Unique, patented carbon technologies make this cartridge more comfortable for the wearer. Respiratory protection against CN, CS, and as a P100 particulate filter. May be used for exposure to tear gases and pepper spray during riot and crowd control operations.
Used with 3M Full Facepieces:

- 6700DIN
- 6800DIN
- 6900DIN
- 7800S
- 7800B
- FR-M40
- SGE400 (discontinued)

Availability: not provided
Availability Notes: not provided
MSRP: \$136 for six; Contact Manufacturer

Knowledge Links **2**

Third Party Certification(s)
[NIOSH - 42CFR84 - FR-7800B facepieces w/CP3N canister](#)
[NIOSH- 42CFR84- 3M FR-M40 Full Facepiece APR CBRN CAP 1 and 3M FR-7800B Full Facepiece APR CBRN CAP 1](#)

Certified To
[42 CFR 84 NIOSH CBRN APR Statement of Standard](#)
[42 CFR 84 \(NIOSH\), Respiratory Protective Devices](#)

Related AEL/SEL Item(s)
[I01AR-02-APRI Respirator, Air-Purifying, Full-Face, Tight-Fitting, Negative Pressure, CBRN](#)

Relevant Publication(s)
[4 found; click here to see all items](#)

Related Product(s)
[4 found; click here to see all items](#)

Relevant Training
[TPV-18 Safety Products for Domestic Preparedness Training DVD](#)

[Report Product Problems](#)

1

Navigation Steps:

These steps outline the progression that the search has taken from initial content category through the subcategories to the final record result. Clicking on any of these links will navigate the user back to that content page.

2

Knowledge Links Box:

This area shows related content on the RKB to the item currently being displayed in the content display page.

No matter what type of content is being viewed (product, standard, AEL/SEL item, publication, etc.), the content display page puts all of the information about that item on the left side of the page under the **Navigation Steps**, and the name of the entry. The specific information fields displayed will vary depending on the content type. The example below is a product, so fields like Manufacturer, Part Number, Description, and Availability Date are displayed. If a standard had been used, the information fields would include the name of the standard-making organization, the effective date of the standard, the version and edition, etc.

For some items, a great deal of information is available. In the example below, a respiratory protection product is shown that has five additional descriptive category links full of information. Clicking on one of the descriptive category links will switch the type of vendor-supplied information that is displayed. These categories and the questions asked will vary between types of products. Obviously an RKB user researching a chemical detector is seeking different information from someone researching respiratory protection.

DON'T FORGET TO SCROLL DOWN!

Most content items have links at the bottom of the page to contact vendors, download special documents, or go to the contributing organization's web site for more details.

FEMA Responder Knowledge Base

Home Products Grants AEL/SEL Other Content News Archive

Welcome, John Smith! LOGOUT My RKB Ask An Expert Related DHS Sites

Products

Personal Protective Equipment (PPE) \ Respiratory Protection Equipment \ CBRN APR

3M™ FR-7800B Full Facepiece

General | **Operational** | Physical | Logistical | Special Requirements **1**

Volunteer User Opinion Print Compare:

Information Provided By: 3M
Manufacturer: 3M **2**
Model Number: 3M FR-7800B
Part/Stock Number: not provided

Description: This product was designed specifically for first responders and features a low-profile design to improve comfort.

Features/Benefits


- Facepiece is NIOSH-approved with 3M™ Canister FR-15-CBRN (TC-14G-0271).
- Also NIOSH-approved with 3M™ Canister CP3N for use against CS, CN and as a P100 filter (TC-14G-0251) in riot conditions, including those with teargas (non-CBRN).
- This facepiece can be used as primary eye protection.
- Lens has optical correction promoting no left-to-right visual distortion.
- Butyl rubber seal for added wearer comfort.
- Newly designed exhalation valve cover to help protect the valve against chemical agents.
- Cartridge can be mounted on either side of the facepiece to enable weapon sighting.
- Available in small, medium or large.
- Helps provide security, safety and comfort for the user. FR-15-CBRN Canister Specifications Can filter a wide range of chemical warfare agents such as:
 - Nerve agents: tabun(GA), sarin(GB), soman(GD), (VX).
 - Mustard/Blister agents: H, HD, L.
 - Tear agents: CN, CS, CR, OC.
 - Blood agents: hydrogen cyanide (AC), cyanogen chloride (CK), arsine (SA).
 - Choking agents: chlorine, phosgene, chloropicrin (PS), and diphenylchloroarsine (DA).
- 3M™ Full Facepiece FR-7800B with Canister FR-15-CBRN can also filter common industrial chemicals such as: organic vapors chlorine dioxide, chlorine, hydrogen fluoride, hydrogen sulfide and sulfur dioxide, ammonia, methylamine formaldehyde, nitrogen dioxide, phosphine, particles, use for:
 - Law enforcement agencies
 - Security personnel
 - Medical personnel
 - Fire department response teams
 - Hazmat teams
 - Emergency medical technicians (EMT's)
 - Domestic preparedness personnel
 - Military personnel

Canister location: Direct connection to mask (facepiece-mounted)

MSRP: \$272; Contact Manufacturer
Availability: not provided

Information Provided By:
 3M
 MINNESOTA
 UNITED STATES **3**
 1-800-243-4630
Website: www.mmm.com/occsafety
Additional Information:

- [FR-7800B](#)



3M™ FR-7800B with FR-15-CBRN Canister

Knowledge Links

Related CBRN APR Mission Critical Hint(s) Available!

- ⚠️ [OSHA Legal Requirements!](#)
- ⚠️ [Respirator Cartridge Change Schedule Prediction](#)
- [User Opinion\(s\) Available](#)
- 🔴 [Go to User Opinion Page](#)
- [Third Party Certification\(s\)](#)
- [NIOSH - 42CFR84 - FR-7800B facepieces w/CP3N canister](#)
- [NIOSH - 42CFR84 - 3M FR-M40 Full Facepiece APR CBRN CAP 1 and 3M FR-7800B Full Facepiece APR CBRN CAP 1](#)
- [Certified To Protective Devices](#)
- [Related AEL/SEL Item\(s\)](#)
- ▶️ [01AR-02-APR1 Respirator, Air-Purifying, Full-Face, Tight-Fitting, Negative Pressure, CBRN](#)
- [Relevant Publication\(s\)](#)
- ▶️ [4 found; click here to see all items](#)
- [Related Product\(s\)](#)
- ▶️ [5 found; click here to see all items](#)
- [Relevant CBRN APR Publication\(s\)](#)
- ▶️ [Respiratory Protection: Frequently Asked Questions](#)
- [Related Standard\(s\)](#)
- ▶️ [NFPA 1404, Standard for Fire Service Respiratory Protection Training, 2006 Edition](#)
- [Report Product Problems](#)

Home Products Grants AEL/SEL Other Content Ask An Expert News Archive Help

Reference herein to any specific commercial products, processes, or services by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government. Neither the United States Government nor any of its employees make any warranty, express or implied, including but not limited to the warranties of merchantability and fitness for a particular purpose for any specific commercial product, process, or service referenced herein.
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1 Descriptive Category Links: Clicking on one of the links will show another page of data on this item. All vendor-supplied data on this item is on the left side of the page.

2 Vendor Supplied Data: Data supplied by the vendor.

3 Vendor Contact Info and Additional Info Sections

Whenever a content display page is pulled during a search of any kind (product, grant, publication, standard, etc.), the **Knowledge Links** box on the right-hand side of the screen is generated to show links to related content for that item. When a content display page is created for any RKB content item, the RKB staff attempts to link all relevant content to that record. This assists RKB users in that it groups pertinent information together in an easily viewed and accessed manner. Unlike many websites that use simple word counts to determine relevance, the **Knowledge Links** in the RKB are done manually between record items, most often after consultation with a subject matter expert.

The most frequent knowledge links for records in the RKB are:

- Mission Critical Hint(s)
- Third Party Certification(s)
- Certified To (Standard)
- Related AEL/SEL Item(s)
- Relevant Publication(s)
- Related Product(s)
- Relevant CBRN APR Publication(s)
- Related Standard(s)

By clicking on any knowledge link, the system will direct the user to the connected content item. Often these other records are linked to additional information, which allows the user to view information that may be of interest to them that is outside of the current search that they are conducting.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. Below this is a search bar and a user login area. The main content area is titled 'Products' and shows a breadcrumb trail: Personal Protective Equipment (PPE) > Respiratory Protection Equipment > CBRN PAPR. The product page is for '3M™ CBRN PAPR System with Hood'. It includes a 'General' tab and links for 'Operational', 'Physical', 'Logistical', and 'Special Requirements'. The 'Information Provided By:' section lists the manufacturer (3M), model number (RBE-NM57, RBE-L57), and part stock number. A description lists the components included in the duffel bag for both RBE-L10 and RBE-NM10 models. An image of the equipment is shown with the caption 'System with Lithium Primary Battery (RBE-L10)'. A 'More Pictures Available' link is provided. On the right side, a 'Knowledge Links' box contains a list of related content, including 'Related CBRN PAPR Mission Critical Hint(s) Available!', 'OSHA Legal Requirements!', 'Respirator Cartridge Change Schedule Prediction', 'User Opinion(s) Available', 'Go to User Opinion Page', 'Third Party Certification(s)', 'NIOSH CBRN Certification- 3M BE-10BR loose-fitting PAPR', 'Certified To', '42 CFR 84 (NIOSH) CBRN PAPR Statement of Standard', '42 CFR 84 (NIOSH), Respiratory Protective Devices', 'Relevant PAPR Publication(s)', 'Respiratory Protection: Frequently Asked Questions', 'Related AEL/SEL Item(s)', '01AR-03-PAPAI Respirator Powered, Air-Purifying (PAPR), CBRN', 'Relevant Publications(s)', 'List of Standards Adopted by the InterAgency Board', and 'Related Product(s)'. A '1' icon is visible in the top right corner of the Knowledge Links box.



Knowledge Links:

Knowledge Links in this box direct the user to related content in the RKB.

Additional areas of the content display page that are of interest to RKB users are the **Volunteer User Opinion** and **Print** links, and the **Compare** feature icon. Clicking on the **Print** link allows users to print the current content display page. The **Compare** feature is discussed in the next section of this tutorial, while the **Volunteer User Opinion** feature is covered in the *Additional Features* section of this tutorial.

3M™ CBRN PAPR System with Hood

General | [Operational](#) | [Physical](#) | [Logistical](#) | [Special Requirements](#)

Information Provided By: 3M
Manufacturer: 3M
Model Number: RBE-NM57, RBE-L57
Part/Stock Number: not provided

Description:
 RBE-L10 Includes the following items in a duffel bag:

- 3M™ Turbo PAPR Unit 022-00-03R01
- 3M Butyl Rubber Hood BE-10BR
- 3M Breathing Tube RBE-BTH
- 3M Decon Belt RBE-BLT
- 3M Cartridges RBE-57
- 3M Battery Pack 520-04-57R01 (lithium)
- 3M Airflow Indicator 520-01-21

RBE-NM10 Includes the following items in a duffel bag:

- 3M Turbo PAPR Unit 022-00-03R01
- 3M Butyl Rubber Hood BE-10BR
- 3M Breathing Tube RBE-BTH
- 3M Decon Belt RBE-BLT
- 3M Cartridges RBE-57
- 3M Battery Pack 520-04-57R01 (lithium)
- 3M Airflow Indicator 520-01-21

Breathing performance: Moderate work rate (conventional)
Design and configuration: Loose fitting

Knowledge Links

- Related CBRN PAPR Mission Critical Hint(s) Available!
- OSHA Legal Requirements!
- Respirator Cartridge Change Schedule Prediction
- User Opinion(s) Available
- Go to User Opinion Page
- Third Party Certification(s)
- NIOSH CBRN Certification- 3M BE-10BR loose-fitting PAPR
- Certified To
- 42 CFR 84 NIOSH CBRN PAPR Statement of Standard
- 42 CFR 84 (NIOSH), Respiratory Protective Devices
- Relevant PAPR Publication(s)
- Respiratory Protection: Frequently Asked Questions
- Related AEL/SEL Item(s)
- 101AR-03-PAPAI Respirator, Powered, Air-Purifying (PAPR), CBRN
- Relevant Publication(s)
- List of Standards Adopted by the InterAgency Board
- Related Product(s)
- 6 found: click here to see all items

1 Volunteer User Opinion: This link is only visible to users with responder privileges when viewing products or training courses. **Please Volunteer** to help if you have experience with the item being displayed.

2 Print and Compare Features: The **Print** link and icon for the **Compare** feature.

Comparing RKB Content

There are two ways to compare items that are listed in the RKB. The first option is to use the **Compare** icon in a content display page (when this feature is available). By clicking on this icon, it provides a list of products that are similar in function and can be compared. The second way to compare items is to use the **Search Phrase** box in the **Products** content section in the RKB. The compare functionality is only available for products of the same type or those within what the RKB calls "subtypes".

The screenshot shows the FEMA Responder Knowledge Base interface. At the top is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A search bar is located on the right. Below the navigation bar is a green banner with user information: "Welcome, John Smith! LOGOUT My RKB Ask An Expert Related DHS Sites".

The main content area is titled "Products" and has a breadcrumb trail: "Personal Protective Equipment (PPE) \ Respiratory Protection Equipment \ CBRN PAPR".

The product page for "3M™ CBRN PAPR System with Hood" includes the following information:

- Information Provided By:** 3M
- Manufacturer:** 3M
- Model Number:** RBE-NM57, RBE-L57
- Part/Stock Number:** not provided
- Description:**
 - RBE-L10 Includes the following items in a duffle bag:
 - 3M™ Turbo PAPR Unit 022-00-03R01
 - 3M Butyl Rubber Hood BE-10BR
 - 3M Breathing Tube RBE-BTH
 - 3M Decon Belt RBE-BLT
 - 3M Cartridges RBE-57
 - 3M Battery Pack 520-04-57R01 (lithium)
 - 3M Airflow Indicator 520-01-21
 - RBE-NM10 Includes the following items in a duffle bag:
 - 3M Turbo PAPR Unit 022-00-03R01
 - 3M Butyl Rubber Hood BE-10BR
 - 3M Breathing Tube RBE-BTH
 - 3M Decon Belt RBE-BLT
 - 3M Cartridges RBE-57
 - 3M Battery Pack 520-04-57R01 (lithium)
 - 3M Airflow Indicator 520-01-21
- Breathing performance:** Moderate work rate (conventional)
- Design and configuration:** Loose fitting

The product image shows the PAPR system components. A "Compare" icon (scales of justice) is visible next to the product title. A "1" in a blue circle is overlaid on the image, indicating the first step in the comparison process.

On the right side of the page, there is a "Knowledge Links" section with various links related to CBRN PAPR, including "Related CBRN PAPR Mission Critical Hint(s) Available!", "OSHA Legal Requirements!", "Respirator Cartridge Change Schedule Prediction", "User Opinion(s) Available", "Go to User Opinion Page", "Third Party Certification(s)", "NIOSH CBRN Certification- 3M BE-10BR loose-fitting PAPR", "Certified To", "42 CFR 84 (NIOSH) CBRN PAPR Statement of Standard", "42 CFR 84 (NIOSH), Respiratory Protective Devices", "Relevant PAPR Publication(s)", "Respiratory Protection: Frequently Asked Questions", "Related AEL/SEL Item(s)", "101AR-03-PAPR Respirator, Powered, Air-Purifying (PAPR), CBRN", "Relevant Publication(s)", "List of Standards Adopted by the InterAgency Board", and "Related Product(s)".



Compare Icon:

Use the **Compare** (⚖️) icon to list comparable products within the same subtype.

To compare these products, click on the small check box next to the titles of the product. Up to three items can be selected for comparison at one time. After the items are selected, clicking on **Compare** under one of the check boxes will pull up the side by side comparison table. To compare different items that were pulled in the results area, simply click "back" in the browser and unselect items to remove from the search. Selecting up to three new items and clicking compare will pull up a new comparison table.

NOTE: Only items that have peers in similar product categories in the RKB can be compared. If there are no similar products, then the comparison feature will not be available.

Products

Search Phrase:

All (5806)

- [-] Product (5806)
 - [-] Personal Protective Equipment (PPE) (1)
 - Ensembles (53)
 - [-] Respiratory Protection Equipment (252)
 - EOD (7)
 - Water Operations PPE (25)
 - Body Armor (56)
 - Clothing Items (620)
 - Eye and Facewear (161)
 - Helmets (101)
 - Cooling/Hydration Items (115)
 - Hearing Protection (97)
 - Other PPE/Accessories (81)
 - [-] Operational and US&R Equipment (1527)
 - [-] Information Technology (543)
 - [-] Communications (479)
 - [-] Detection (804)
 - [-] Decontamination (290)
 - [-] Medical (473)
 - Uncategorized Products (122)

Clear Compare		Results 1 - 8 of 8	Display: 20
Title			
<input checked="" type="checkbox"/>	3M™ CBRN PAPR System with Hood - 3M	NIOSH CBRN approved PAPR with butyl rubber hood.	
Compare			
<input type="checkbox"/>	3M™ Tight-Fitting PAPR Assemblies - 3M	3M™ tight-fitting powered air-purifying respirator assemblies.	
Compare			
<input type="checkbox"/>	Responder PAPR - MSA	The MSA Responder PAPR combines a motor-blower with a choice of two proven MSA gas mask CBRN facepieces and three proprietary cartridges designed for CBRN, particulate, and poisonous gases / vapors.	
Compare			
<input type="checkbox"/>	Safety Equipment America's SE40-CBRN PAPR - Safety Equipment America	The CBRN NIOSH-approved SE40 PAPR is a true positive pressure DEMAND respirator that delivers around 400 liters/minute when you're working hard. The SE40 monitors your every breath and adjusts itself to suit your need for air.	
Compare			
<input type="checkbox"/>	Scott C420 Plus CBRN PAPR - Scott Health & Safety	Uses a blower to force ambient atmosphere through air-purifying canisters. In hostile/extended wear situations, fanning effect helps keep the facepiece from fogging, while eliminating additional pulmonary stress associated with a non-powered respirator.	
Compare			
<input type="checkbox"/>	Sentinel XL™ CBRN PAPR - ILC Dover	Sentinel XL™ CBRN PAPR - Cap 2 Loose Fitting PAPR	
Compare			
<input type="checkbox"/>	Avon CBRN C420 PAPR - Avon Protection Systems, Inc	The Avon Protection C420 PAPR System has been developed for 1st Responders, SWAT, Military and Special Operation users that require non-IDHL respiratory protection for and extended period of time. Approved on Avon CBRN FM12 and C50	
Compare			
<input type="checkbox"/>	Opti-Fit™ SC420 CBRN PAPR - Sperian Respiratory Protection USA, LLC	The SC420 CBRN PAPR is lightweight and provides cool, clean air and features three hot-swappable power supplies providing longer work duration.	
Compare			
Clear Compare		Results 1 - 8 of 8	

Reference herein to any specific commercial products, processes, or services by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government. Neither the United States Government nor any of its employees make any warranty, express or implied, including but not limited to the warranties of merchantability and fitness for a particular purpose for any specific commercial product, process, or service referenced herein.

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Compare Check Box:

Use the check boxes to select items to compare. Then click the word **Compare** below the check box.

Comparing Content – The Results

Once the products have been selected to compare, the results will be displayed in the following format.

Some products will have expandable sections at the bottom for additional functional information. Clicking on these expandable sections will open the selection providing more information.

Product Comparison

	Ensemble: The Simon Custom Level R4	Ensemble: Blauer H70120 Multi-Threat Suit	Ensemble: Blauer W70130 MRT Suit (MFD)
Physical design features	Size-specific	Size-specific Conforms to body	Size-specific
Required elements for the ensemble	Footwear Gloves Respiratory equipment	Footwear Gloves Respiratory equipment	Footwear Gloves Respiratory equipment
Hand protection for the ensemble	Attached gloves, non-replaceable	Multi-layer glove requirements	Multi-layer glove requirements
Footwear for the ensemble	Attached bootie worn with outer boot	Attached bootie worn with outer boot	Other
Related comments			Certified boot worn over bootie
List respirator and other pass-thrus certified for use with this ensemble	CBRN NIOSH Approved APR (MSA Millennium mask, M-40 and Survivair Opti Fit)	MSA Ultra® Elite Facepiece with FireHawk® M7 Air Mask SCBA / Scott AV3000 Facepiece with Scott 2.2, 3.0 and 4.5 AirPak® SCBA	See description above
MSRP (average configuration, quantity 1)			Contact Manufacturers
Information Provided By	RKB	RKB	RKB

General

Operational
Physical
Logistical
Special Requirements

Home Products Grants AEL / SEL Other Content Ask An Expert News Archive Help

Reference herein to any specific commercial products, processes, or services by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government. Neither the United States Government nor any of its employees make any warranty, express or implied, including but not limited to the warranties of merchantability and fitness for a particular purpose for any specific commercial product, process, or service referenced herein.

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1 Comparison Header:
Click here to go to the content display page for any of these products.

3 Collapsed Data Headers:
These are collapsed data areas. By clicking on the title the collapsed data header will open showing the features being compared for these three products.

2 Expanded Data Header:
This section is expanded and open, showing the **General** features being compared for these three products.

Comparison Tables

The product Comparison Tables that are generated for explosives detectors are broken down into four different tables: **Bulk Detection**, **Trace Detection**, **Visual Inspection**, and **Blast Mitigation**. Information provided in each table will vary by the type of detector table being examined.


Information in these tables has been populated by manufacturer-supplied data, and the RKB does its best to ensure that information is complete and accurate. If a user comes across something that they feel is inaccurate or requires a second look, please contact the RKB via email at RKBMailbox@us.saic.com or by phone at **1-877-FEMA-RKB (1-877-336-2752)**.

To get to an example of a **Comparison Table**, click on **Products** in the gray navigation bar and then click on **Explosive Detection** under **Detection** in the navigation tree on the left hand side of the screen. Subcategories for **Trace Detection**, **Bulk Detection**, **Vehicle Inspection Systems**, **Blast Mitigation** or **Other Explosive Detectors** will be available to filter the products even further.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. Below this is a search bar and a user greeting: "Welcome, John Smith! LOGOUT My RKB Ask An Expert Related DHS Sites". The main content area is titled "Products" and includes a search phrase input field and buttons for "New search" and "Search again within this result". On the left, a navigation tree shows "All (5806)" products, with "Explosive Detection (218)" highlighted by a red circle and a "1" in a blue circle. The main product list shows several items, including "7900HT Fast Real-Time PCR System", "7500 Real-Time PCR and Fast Real-Time PCR Systems", "Alexeter Biological Detection & Identification Systems: Defender TSR System", "Alexeter Biological Test Strips (Immunoassay)", "ASAP II System", "Bacteria Check, P/A Coliform bacteria test, 12 tests, no incubator req'd", and "Bio-Seeq Mail Sentry Biological Detection System". Each item has a "Compare" link and a checkbox.



Explosive Detection:
Click here to expand **Explosive Detection** content.

To view an example of a Comparison Table, under the **Trace** subcategory, select the AL-XD-2i Explosive Trace Detector. When the content display page opens, click on the **Compare** () icon to be directed to the Comparison Table.



AI - XD-2i - Explosives Trace Detector - ETD

General | [Operational](#) | [Physical](#) | [Logistical](#) | [Special Requirements](#)

Information Provided By: American Innovations, Inc.
Manufacturer: American Innovations, Inc.
Detector Technology: Colorimetric Explosives Detector
Model Number: XD-2i
Part Number: XD-2i

Description:
The XD-2i is a lightweight field deployable explosives detector that reliably detects and identifies commercial, military, and homemade explosives on virtually any surface or object. Requiring no warm up time, no calibration, no downtime after detection, no maintenance, and minimal training, this detector can analyze trace and bulk explosives, wet or dry. The XD-2i has no internal parts to replace or service and functions reliably in virtually any environment including 120+ degree temperatures, high humidity, elevated altitudes, and desert terrain.
Reliable detection and identification can be achieved by all skill levels. Included with every system is an operator's manual that incorporates cross reference charts to provide users with the ability to identify which explosives threats are being detected. In-depth training for explosives identification is available.

The XD-2i detects Commercial, Homemade, and Military Explosives including but not limited to Black Powder, Liquid Explosives, Ammonium Nitrate, Plastic Explosives, Perchlorates, Chlorates, Explosive Taggants, Peroxide based explosives, and many other wet or dry threat explosives. Detection time varies based on the type of explosives detected.

Knowledge Links
No third-party certifications in the RKB

User Opinion(s) Available
Go to User Opinion Page


Related Product(s)
8 found; click here to see all items

Relevant Weblink(s)
DHS Technical Resource for Incident Prevention (TRIPwire)

Related SEL Item(s)
I07ED-03-SWPEI System, Swipe Test, Explosive Detection



Compare Icon:

Click the **Compare** () icon to be directed to the Comparison Tables.

The headings of each table provide the means to sort the table. By clicking on the "Product" link, it will sort by product. Clicking on the **Manufacturer** header link, will sort by manufacturer. The same goes with any of the other headings on the table. Each heading is sortable by ascending or descending order.

By moving the mouse pointer onto any given heading, a pop-up will be displayed with an explanation of the header. The same will happen with any of the pie chart measurements on the table to get pop-ups of the definition.

In addition to the pop-up definitions feature, there is a legend that explains what each pie chart measurement means. This legend can be found on the top right-hand corner of each table. Clicking on the **Legend** link will display a separate page that will explain, by heading, what each aspect of the Comparison Table means.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. Below this is a search bar and a welcome message for 'Stéphane Stouffer'. The main content area is titled 'Product Comparison Table' and includes a 'Trace' link and a 'Legend' link. A warning message states: 'The Responder Knowledge Base does not test or evaluate products. This table has been generated using manufacturer-provided information. Please report any suspected errors to the RKB Staff at 1-877-FEMA-RKB (1-877-376-2152), email rkbhelp@us.sais.com.' Below this is a table with the following columns: Product/Manufacturer, Detector Technology, Unit Cost (MSRP), Weight (lbs), Length of Time Fielded, Explosives Detected, Limits of Detection, Interferents, Start-up Time, Response Time, Alarm Capability, Battery Type, Operating Environment, Maintenance, Shelf Life, Operator Skills & Training, Data Storage, TSA Testing / OPL, and Availability. The table contains 18 rows of product data.

1 **Legends Link:**
Click here to go to the Legends Page.

3 **Headings:**
Click on any of these headings by ascending or descending order.

2 **Products/Manufacturer Heading:**
You can either sort by Products or Manufacturer by clicking on either word.

Content Screening

When information is submitted to the RKB for inclusion on the site, the RKB staff does preliminary research on the content to ensure the manufacturer and products are commercially available. However, as an information repository, the RKB doesn't actually evaluate the products. The RKB relies on subject matter experts such as the InterAgency Board and select Department of Homeland Security contacts, to validate the information provided by vendors.

Additionally, the RKB obtains from the manufacturer and publishes information about the product, including certifications against a known standard. These certifications are most often issued by third-parties and are available for review on the website. The RKB also posts results from operational assessments by reputable testing resources. All information about the certifications, test results, and other related information are available on the RKB.

If a user has a specific question about a product on the RKB, a good reference source is the **User Opinion** feature of the RKB. This feature solicits and compiles user opinions from users who have field-use experience with the products posted on the RKB. The goal of this feature is to answer any specific inquiries about the products from a first person point of view. The **User Opinion** feature is discussed in this tutorial in the *Additional Features* section

MyRKB

The **MyRKB** feature, located in the green navigation bar, gives a registered RKB user access to a drop-down menu that gives users access to: their registration profile; a feature that tracks the user's history of RKB activity; a feature that gives the user the ability to create or modify a list of items they would like to follow on the RKB.

The screenshot shows the FEMA Responder Knowledge Base website. The top navigation bar is green and contains the following items: Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A search bar is located on the right side of the navigation bar. Below the navigation bar, the user is logged in as "John Smith" and the "My RKB" feature is highlighted with a blue circle containing the number "1". A dropdown menu is visible next to "My RKB", listing "My Profile", "My Favorites", and "My Watch List". The main content area is divided into several sections: "Our New Look", "RKB Mission", "Products", "Other Content", "Welcome to the Responder Knowledge Base", "COPS Hiring Recovery Program", "DHS R-Tech Program Releases January Newsletter", "ECBC Mass Decontamination Guide Update and Request for Comments", "RKB Recommends", "Events Calendar", "Recent News", "Partners", and "New Design Feedback".



MyRKB Feature:

This feature gives the registered RKB user access to the **My Profile**, **My Favorites**, and **My Watch List** features.

My Profile

In the **My Profile** section of the **MyRKB** feature, a registered RKB user has access to their **User Information** and **Organization Information** submitted when they first registered as a user with the RKB. By visiting this section of the RKB, a user can make updates to any information that may have changed since their initial registration with the RKB.

Below the **User Information** and **Organization Info** data fields, a user can review their current **User Attributes**. This section displays the current **User Category**, **Access Level** and **Status** of the user within the RKB. If this information is incorrect, the user is advised to reach the RKB staff toll free at **1-877-FEMA-RKB (1-877-336-2752)** or by email at **RKBMailbox@us.saic.com**.

In the **Password** section, a user also has the capability to change their password.

At the very bottom of this screen is the **Priority Email Notifications** checkbox. This feature allows users to voluntarily choose to receive priority news items via email from the RKB, such as major grant program announcements for example. This feature will NOT send unsolicited emails to registered RKB users. This feature is for critical status information or important announcements only. Per the RKB Security & Privacy Disclaimer, email addresses will neither be sold nor distributed in any way.

1 User Information

*First Name: John
 *Last Name: Smith
 Address: 1 Main Street
 City: Anytown
 State / Territory / Prov: MARYLAND
 *Zip Code/Postal Code: 21045
 *Country: UNITED STATES
 *Phone: 555-555-5555
 *Email: jsmith@hotmail.com

2 Organization Info

*Organization Name: Anytown PD
 *Organization Title: Sheriff
 *Address: 1 Main Street
 *City: Anytown
 *State / Territory / Prov: MARYLAND
 *Zip Code/Postal Code: 21045
 *Country: UNITED STATES
 *Phone: 555-555-5555
 *Email: jsmith@hotmail.com

3 User Attributes

User Category: First Responder / Patrol Officer / Sheriff
 Access Level: Responder
 Status: Active

4 Password

New Password:
 Confirm New Password:

5 Priority Email Notifications

I would like to receive priority news items via email from the RKB, such as major grant program announcements:

[Cancel](#) [Update](#)

Please Note: If you have any questions regarding your User Attributes or need to make any changes, please contact the RKB staff at 1-877-FEMA-RKB (1-877-336-2752) or by email at RKBMailbox@us.saic.com.

Note: We will NOT spam our users. This is for critical status information or important announcements only. Per our [Security & Privacy Disclaimer](#), email addresses will neither be sold nor distributed in any way.

- 1 User Information:** The user information from the initial RKB user registration can be updated in this section.
- 2 Organization Information:** The organizational information from the initial RKB user registration can be updated in this section.
- 3 User Attributes:** Allows a user to review their current **User Category**, **Access Level** and **Status** in the RKB.
- 4 Password:** Section where the user has the ability to edit their password.
- 5 Priority Email Notifications:** This feature allows users to voluntarily choose to receive priority news items via email from the RKB.

My Favorites

In the **My Favorites** section of **MyRKB**, a registered user can view information about their: last ten viewed content items on the RKB site; last ten keyword searches that have been conducted; last ten products compared using the **Compare** feature (discussed in the *Viewing Content: Comparison Tables* section of this tutorial).

By clicking on any of the text links in the sections below, the link will direct the user to the set of results conducted from that search.

NOTE: A new member of the website will see no listings under these headings. These lists will start to build once a user begins to view content, perform keyword searches, and compare items.

The screenshot shows the FEMA Responder Knowledge Base website. At the top, there is a navigation bar with the FEMA logo and the text "Responder Knowledge Base". To the right of the logo is a search bar with the text "Search: Keyword Search" and a search button. Below the navigation bar is a menu with links for "Home", "Products", "Grants", "AEL/SEL", "Other Content", and "News Archive". Below the menu is a green bar with the text "Welcome, John Smith! LOGOUT My RKB Ask An Expert Related DHS Sites".

The main content area is titled "My RKB: My Favorites" and contains three sections:

- Last 10 Viewed Content Items** (1): A list of four items with their titles and dates (March 20, 2009):
 1. [AJ - XD-21 - Explosives Trace Detector - ETD](#) (March 20, 2009)
 2. [3M™ FR-7800B Full Facepiece](#) (March 20, 2009)
 3. [3M™ Canister CP3N](#) (March 20, 2009)
 4. [3M™ CBRN PAPR System with Hood](#) (March 20, 2009)

Note: Viewed content items may change due to alterations on the RKB.
- Last 10 Keyword Searches** (2): A list of five items with their titles and dates (March 20, 2009):
 1. [MASK](#) (March 20, 2009)
 2. [3M](#) (March 20, 2009)
 3. [HELMET](#) (March 20, 2009)
 4. [AEL](#) (March 20, 2009)
 5. [CHEMICAL PROTECTIVE SUIT](#) (March 20, 2009)
- Last 10 Product Comparisons** (3): A list of two items with their titles and dates (March 20, 2009):
 1. [Ensemble: The Sigmon System Level B... - Ensemble: Blauer HZ9420 Multi-threa... - Ensemble: Blauer WZ9430 MIRT Suit \(...\)](#) (March 20, 2009)
 2. [Ensemble: The Sigmon System Level B... - Ensemble: Blauer HZ9420 Multi-threa... - Ensemble: Blauer HZ9420 Multi-threa...](#) (March 20, 2009)

Note: Product comparisons may change due to alterations on the RKB.

At the bottom of the page, there is a footer with the text: "Reference herein to any specific commercial products, processes, or services by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government. Neither the United States Government nor any of its employees make any warranty, express or implied, including but not limited to the warranties of merchantability and fitness for a particular purpose for any specific commercial product, process, or service referenced herein. RKB Version 3.0 (March 2009) Copyright © 2003-2009 DHS FEMA Security & Privacy Disclaimer Responder Knowledge Base Partners".

1 Last 10 Viewed Content Items: This section displays the last ten content items viewed.

2 Last 10 Keyword Searches: This displays the last ten keyword searches made.

3 Last 10 Product Comparisons: This displays the last ten product comparisons made.

My Watch List



The **My Watch List** feature allows a registered RKB user to choose specific item categories that will allow them to be notified when an item has been created, updated, or modified in the RKB.

By clicking on the **Click Here** link under the **Watch List Items** section, a user will be redirected to the **Watch List Selections** page where they will be able to select or modify the items in their list.

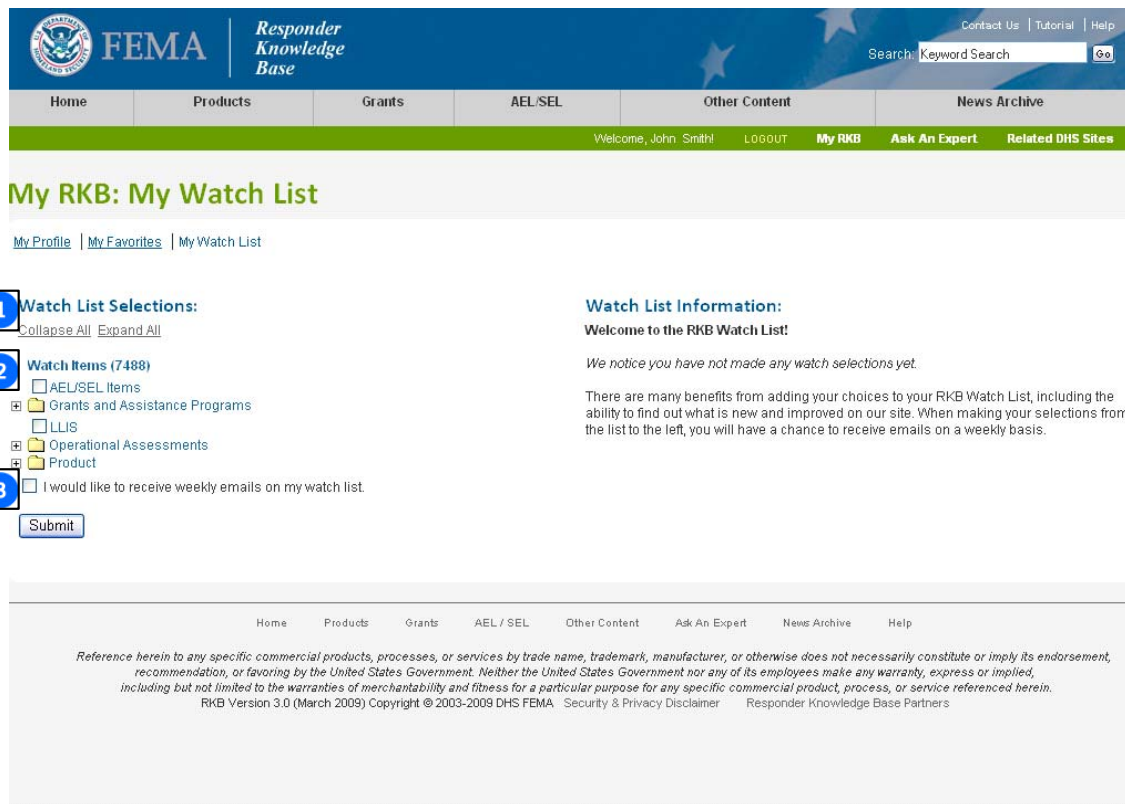
The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with the FEMA logo and 'Responder Knowledge Base' text. Below this is a search bar and a menu with options like 'Home', 'Products', 'Grants', 'AEL/SEL', 'Other Content', and 'News Archive'. The main content area is titled 'My RKB: My Watch List' and includes links for 'My Profile', 'My Favorites', and 'My Watch List'. Under 'Watch List Items', there is a 'Click Here' link to modify the watch list and a dropdown menu set to '7 Days'. A 'Watch List Information' section indicates that the user is 'NOT Receiving Watch Emails' and provides instructions on how to add items to the list. At the bottom, there is a footer with a disclaimer and copyright information.



1 Watch List Selection link: Selecting the **Click Here** link under this section will take a user to the **Watch List Selection** page.

The **Watch List Selections** page allows the user to select and/or unselect unlimited items for the **Watch List**. This page gives the user the option to collapse all or expand all of the selections tree a user can open individual records by clicking on  to expand the selection and  to collapse the selection tree. This allows for easier viewing of the many RKB items available for tracking. By clicking on the check boxes, the user is able to select and/or unselect each item.

At the bottom of the page, there is a check box that will allow the user to opt-in to receive weekly email notifications when the selected items have been updated or modified.



1 Watch List Selections:
[Collapse All](#) [Expand All](#)

2 Watch Items (7488)

- AEL/SEL Items
- Grants and Assistance Programs
 - LLIS
 - Operational Assessments
 - Product

3 I would like to receive weekly emails on my watch list.

Watch List Information:
Welcome to the RKB Watch List!

We notice you have not made any watch selections yet.

There are many benefits from adding your choices to your RKB Watch List, including the ability to find out what is new and improved on our site. When making your selections from the list to the left, you will have a chance to receive emails on a weekly basis.

Home Products Grants AEL / SEL Other Content Ask An Expert News Archive Help

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1 Watch List Selection Collapse All or Expand All Selections: Allows the user the option to collapse all or expand all of the selection tree at one time.

2 Watch List Selection Tree: Shows the many items available to select for tracking.

3 Weekly Emails Checkbox: This allows the user to opt-in to receive weekly email notifications when the selected items have been updated or modified.

Once the desired items for tracking have been selected in the **Watch List Selection** page, the main **Watch List** page will list them out. By selecting the length of time in the dropdown menu under the **Watch Items List**, the user will select a period of time (7, 14, 30, 90 or 180 days) and be able to see the number items that have been changed, and what has been updated or modified, in the selected content sections of the RKB.

For example, under the **Operational Assessments** section below, there is a line with an active link in the category indicating that it has been updated. There will also be a number to the right indicating how many items in that category have been updated or modified.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with the FEMA logo and 'Responder Knowledge Base' text. Below this is a search bar and a navigation menu with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A user login bar shows 'Welcome, John Smith!' and options for LOGOUT, My RKB, Ask An Expert, and Related DHS Sites. The main content area is titled 'My RKB: My Watch List'. It features a 'Watch List Items' section with a link to modify the watch list and a dropdown menu currently set to '30 Days'. A blue circle with the number '1' is placed next to the dropdown. To the right is a 'Watch List Information' section showing the current status as 'Receiving Watch Emails' and a note about changing email preferences. Below this is a 'Your Watch List Includes:' section with a sub-section for 'AEL/SEL Items' and 'Operational Assessments (3)'. A blue circle with the number '2' is placed next to the 'Operational Assessments' link. The footer contains a disclaimer and copyright information for RKB Version 3.0 (March 2009).

- 1 Length of Track Time Dropdown:** This dropdown selects a period of time (7, 14, 30, 90 or 180 days) that the user would like to track a specific item.
- 2 Indicator for Number of Changes:** This link indicates that a change has been made and shows the number of items that have been modified or updated in the selected period of track time (7, 14, 30, 90 or 180 days).

Additional Features

User Opinions

The **User Opinion** feature assists a registered RKB user find a fellow RKB responder who has volunteered their direct experience with a specific product or training course. Any product or training course that has a user opinion available will display a link indicating that there is a user (or users) that has volunteered an opinion in the **Knowledge Links** box in the item's content display page in the RKB.

Only registered RKB users who have responder status can submit to and/or utilize this feature.

It is important to further highlight that the RKB simply sends a message on the behalf of the opinion seeker to the opinion provider letting them know that a RKB user has a question. It is the opinion provider's responsibility to get back to the opinion seeker (by email, phone, etc.) and answer the question. The RKB does not publish the name(s) or contact information for these opinion providers - instead, it displays these opinion providers by their job function and geographic location. An opinion seeker can pick the one that they feel may best suit their needs, and initiate a message with their question to the opinion provider.

The following sections in this tutorial will detail this feature.

Determining if an Opinion Provider Exists

Not all products and training courses have opinion providers available. As the RKB grows, so does the number of opinion providers. On some content display pages, a link for **User Opinion(s) Available** will be shown in the **Knowledge Links** box. This indicates that one or more responders on the RKB have volunteered to provide user opinions about the item that is being viewed. Clicking on the **Go to User Opinion Page** link will open a separate window for the **Request User Opinions** page, used to contact opinion providers, as shown in the next step.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A search bar is located in the top right corner. Below the navigation bar, the page title is "Products" and the breadcrumb trail is "Personal Protective Equipment (PPE) \ Ensembles". The main content area displays the product "Ensemble: DTAPS® Non-Encapsulating Level B Coverall (NFPA 1994-2001, Class 2)". There are several links: "General", "Operational", "Physical", "Logistical", and "Special Requirements". A "Volunteer User Opinion" link is highlighted with a blue box and a "1" icon. To the right, the "Knowledge Links" section contains a "Mission Critical Hint(s) Available!" warning, a "User Opinion(s) Available" link with a "1" icon, and a "Go to User Opinion Page" link. Below this, there are links for "Third Party Certification(s)", "Certified To", and "Relevant Publication Reference(s)". A "Report Product Problems" link is at the bottom of the Knowledge Links section. On the left, there is an "Ensemble Note" box with a yellow background and a red border, providing detailed information about certified ensembles. Below the note, there is a list of "Ensemble Elements for NFPA 1994-2001, Class 2" including DTAPS Level B suit, Glove System, and Footwear. A photograph of a person wearing the DTAPS Level B coveralls is shown in the center.



User Opinion(s) Available:

Click the "User Opinion(s) Available" link to request a user opinion about this product.

Contacting a User Opinion Provider

The **Request User Opinions** page allows the opinion seeker to choose from a list of responders by their role and location to be sure that the opinion provider uses the item in the same manner that the opinion seeker will. The opinion seeker then has the ability to type a message (e.g., a specific question or a request to be contacted), which will then be forwarded via email to the selected opinion provider. By including as much pertinent information in the question as possible (i.e. intended use, frequency of use, environment used in, etc...) the opinion seeker should then receive an answer tailored to their needs.

The RKB protects the user opinion providers so that they do not get buried in emails. For this reason, the RKB will try to limit the number of requests for opinions sent to the opinion providers. Depending on the number of queries received on any given product or training, most queries sent out are answered promptly by the opinion providers. If an opinion seeker is having difficulty receiving feedback from an opinion provider, there is the option to contact the RKB directly through the **Feedback** feature located in the **Contact Us** section, located above the **Keyword Search** box on any RKB page.

Request User Opinions

How this works: The Responder Knowledge Base does not store any opinions. Instead, we help responders contact other responders who have used a product or attended a training course so that they can communicate directly with each other. The process has three steps:

1. Select a responder from the "Select a Responder to Contact" drop-down box below. Each responder that has volunteered to provide an opinion will be listed by mission role, city, and state.
2. Type a message for the responder, indicating what kind of question you have or what information you would like to know. The message should be 4000 characters or less. Click the "Submit Question" button when you are finished.
3. Your message will be sent to the responder, and he/she will reply to you via email (or by phone if you provide your phone number) at his/her discretion. You can then have a one-on-one discussion that will hopefully provide the information you need.

1 You are about to submit a request for opinions for the following item:
Example: 07 APR 06 Non-Encapsulating Level II General NFPA 1994-2001 - Class 2

Your Email Address:

Select a Responder to Contact: **2**

Message: (up to 4000 characters may be entered)

3

4000 characters remaining

4 I understand that the Responder Knowledge Base is only providing an opportunity for me to contact a fellow professional responder or subject matter expert, and that any opinions or information I receive from this contact are attributable solely to the opinion giver and not to the Responder Knowledge Base.

(this window will close automatically after you submit your request)

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- 1 Product Identification:**
Confirm that this is the product or training course of interest.
- 2 Choose a Responder:**
Choose the responder that may best suit the geographic or responder type status to answer the question.

- 3 Message Area:**
Type the question and any other pertinent information in this field.
- 4 Submit Question:**
Click **Submit Question**.

Volunteering as a User Opinion Provider

The RKB is always interested in obtaining additional responders to volunteer their user opinions. Volunteering as an opinion provider is easy. Each product or training course content display page has a link for this purpose, as shown below. Clicking on this link will open the **Volunteer to Provide Opinions** page. Once completed and submitted, the RKB staff verifies the user's registration. Once approved, the user will then become one of the many responders who have volunteered to help their peers make better equipment decisions.



The screenshot shows the FEMA Responder Knowledge Base website. The top navigation bar includes links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. A search bar is located in the top right corner. The main content area displays a product page for "Ensemble: DTAPS® Non-Encapsulating Level B Coverall (NFPA 1994-2001, Class 2)". A blue circle with the number 1 highlights the "Volunteer User Opinion" link. The page also includes a "Knowledge Links" section with various links related to NFPA 1994 and DTAPS equipment.

Ensemble: DTAPS® Non-Encapsulating Level B Coverall (NFPA 1994-2001, Class 2)

General | [Operational](#) | [Physical](#) | [Logistical](#) | [Special Requirements](#)

1 [Volunteer User Opinion](#) | [Print](#) | Compare: 

Ensemble Note: Items in this subtype have been certified as "complete ensembles," including garment, boots, gloves, and respiratory protection equipment. Individual elements of the ensemble can be found using the "Ensemble Element" links at right. Certified ensembles often take their name from the garment element, but are not compliant with the certification requirements unless the garment is used with the exact elements specified in its ensemble certification. In some cases, the garment manufacturer will sell the complete ensemble. In other cases, the purchaser will be responsible for ensuring that all required elements are obtained and used together as a certified ensemble. Note that individual elements may be purchased as replacements for damaged or worn elements, provided that they are used as part of a compliant ensemble. You must check with the manufacturer to ensure the completeness of your ensemble. Certified ensembles are also required to list all required elements or parts of the ensemble on the product label. All references to NFPA 1981 respirators as ensemble elements include respirators certified as compliant with either current or previous editions of the standard, unless otherwise noted. This category includes ensembles whose certifications may have expired. Please check the links to the right for current certification information.

Information Provided By: RKB
Model Number: Model 75-000

Description:
Ensemble Elements for NFPA 1994-2001, Class 2:

- DTAPS® Level B suit (Model 10-310)
- Glove System:
 - Outer Glove: North Safety Products neoprene/butyl glove
 - Inner Glove: North Silver Shield® / 4H® 2.7 mil
- Footwear:
 - Onguard Hazmax® Boots (Model 87012)



Knowledge Links

Mission Critical Hint(s) Available!

-  [Ensemble Certification under NFPA 1994](#)

User Opinion(s) Available

-  [Go to User Opinion Page](#)

Third Party Certification(s)

-  [**EXPIRED-SEL-NFPA 1994-2001 Class 2-GEOMET-DTAPS System P/N 75-000 ensemble](#)

Certified To

-  [NFPA 1994, Standard on Protective Ensembles for Chemical/Biological Terrorism Incidents, 2001 Edition](#)

Ensemble Element

-  [Onguard Industries Hazmax® Kneeboot](#)
-  [Interspiro Spiromatic S3](#)
-  [Silvershield / 4H® Glove](#)

Relevant Publication Reference(s)

-  [Guide for the Selection of Personal Protective Equipment for Emergency First Responders](#)

[Report Product Problems](#)



Volunteer User Opinion:

Option to volunteer a user opinion for use on the RKB.

Registering as an Opinion Provider

Clicking on the **Volunteer to Provide Opinions** link will take the user to the page below. When volunteering to supply a user opinion, the user should ensure that the product or training course is one about which they can give an opinion. Second, the user should verify the email account on record with the RKB is current, since this is the method the RKB uses to notify the opinion provider of the opinion requests. Next, the comment section should be filled out with a brief synopsis of how the product was used/when the course was taken. Finally, the RKB asks that the volunteering user certify that they have no conflict of interest, or any situation, that would prevent them from giving an impartial opinion.

FEMA Responder Knowledge Base

Home Products Grants AEL/SEL Other Content News Archive

Welcome, John Smith! LOGOUT My RKB Ask An Expert Related DHS Sites

Volunteer to Provide Opinions

How this works: You have reached this page because you are a registered emergency responder, and have experience with the product or training course shown below. Thank you for offering to share your experience with fellow responders.

1 You are about to submit a request to be a recognized User Reference for the following item:
Ensemble: DTAPS@Non-Encapsulating Level B Coverall (NFPA 1994-2001, Class 2)

Please fill out any comments below regarding your background with this product or any related training. Also please note that any requests for feedback will be sent to the email address listed below.

Your Email Address: **2**

3 Comments: (Up to 1024 characters may be entered)

1024 characters remaining

4 I hereby certify that I am able to render an opinion on this item based upon my personal experience; that I have no conflict of interest in rendering an opinion in particular, I receive no compensation of any kind, either directly or indirectly, from the manufacturer/provider or any reseller of this item); and that I will notify the Responder Knowledge Base staff immediately (webbjen@us.saic.com) if I should become aware of any conflict of interest.

The Responder Knowledge Base does not store any opinions.

Instead, we help responders contact other responders who have used a product or attended a training course so that they can communicate directly with each other. If you volunteer as an opinion giver, the RKB staff will verify that you are still an active responder and that you have experience with this product/training course. Once you have been validated, your mission role (e.g., patrol, firefighter, paramedic) and the city and state from your registration will appear in a menu when users look for opinions. If they choose you, they will send you an email requesting your opinion. You can then reply and answer their question or initiate a conversation. Note that you are in control of whether you reply or not.

Again, thank you for volunteering to help other responders. If you have any questions, or need to be removed from the list, please contact the RKB staff at webbjen@us.saic.com.

Home Products Grants AEL / SEL Other Content Ask An Expert News Archive Help

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1 Product Identification:
Confirm that this is a product or training course that has been used/taken.

2 Confirm Email:
Confirm this is a current email address.

3 Comments: Provide a brief synopsis of how the product was used/when the course was taken

4 Certify Opinion: Certify the ability to provide an opinion about this item.

Feedback

By placing the mouse pointer over the **Help** link in the upper right-hand corner of any RKB page, the **Feedback** selection will be available in the dropdown menu. The **Feedback** link is available only to registered RKB users. This form may be used to submit general site questions and suggestions. When submitting feedback, the email field will be pre-populated. Choose the best **Feedback Type** for the inquiry and then type the comment/feedback in the **Comment/Feedback** field. Clicking **Submit** will submit the feedback to the RKB. The RKB staff checks these messages daily, and the user will be contacted within 5 business days regarding their feedback/comment. However, the resolution of some items may require additional time, depending on the complexity of the issue.

Additionally, there is a link to the **Feedback** section of the RKB in the **Ask an Expert** section, which is discussed in the next section of this tutorial.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top right, a 'Help' dropdown menu is open, with 'Provide Feedback' highlighted and numbered 1. Below the navigation bar, the 'Provide Feedback' form is displayed. The form includes an 'Email Address (optional)' field with 'jsmith@hotmail.com' and a callout 2. The 'Feedback Type' section has radio buttons for 'General Feedback' (selected), 'Feature Request', 'Data Error', and 'Bug Report', with a callout 3. The 'Subject' field is empty. The 'Comments/Feedback' text area is large and contains a callout 4. Below the text area, it says '2048 characters remaining'. At the bottom of the form, there is a 'Submit Feedback to Administrators' button (callout 5) and a 'Cancel' button. The footer contains a disclaimer and copyright information.

1 Feedback Link:
The **Feedback** link is available on every page of the RKB site in the drop-down menu under **Help**.

2 Email Address:
The email address will be automatically populated with the current user's email address.

3 Feedback Type:
Select the applicable feedback category.

4 Comments/Feedback:
Enter the comment/feedback in this field.

5 Submit Question:
Click **Submit Question** to forward onto the RKB staff.

Ask an Expert

The **Ask an Expert** feature can be accessed on any record page in the green menu bar in the upper right-hand side. This feature is available for registered RKB users with general questions about equipment, certifications, standards, or other related topics that are not answered by the content of the website. The RKB has a network of subject matter experts who are available to attempt to provide answers to these questions. The RKB staff checks these messages daily, and the user will be contacted within 5 business days regarding their question. However, the resolution of some questions may require additional time, depending on the complexity of the issue.

Hint: Many questions that are asked frequently of the RKB have been catalogued in the **Frequently Asked Questions** page. It is recommended that before a user submits an **Ask an Expert** question, they ensure that it has not already been discussed in the **Frequently Asked Questions**.

The screenshot shows the FEMA Responder Knowledge Base interface. At the top, there is a navigation bar with links for Home, Products, Grants, AEL/SEL, Other Content, and News Archive. The 'Ask An Expert' link is highlighted in the green navigation bar. Below the navigation bar, there are instructions and a form to submit a question. The form includes a 'Subject' field, a 'QUESTION' text area, and 'Submit Question' and 'Cancel' buttons. Numbered callouts (1-5) point to the 'Ask An Expert' link, the 'Frequently Asked Questions' link, the 'RKB Site Feedback' link, the 'Subject' field, and the 'Submit Question' button respectively.

- 1 Ask an Expert:** This option is available on all RKB pages in the green navigation bar.
- 2 Frequently Asked Questions Link:** The **Frequently Asked Questions** section available through the **Ask an Expert** Page.
- 3 Feedback Link:** The **Feedback** link is available on the **Ask an Expert** page as well as every page of the RKB site in the drop-down menu under **Help**
- 4 Question Field:** Enter the question in this field.
- 5 Submit Question:** Click **Submit Question** to forward onto the RKB staff.