

## **SMART Health and Safety Manager<sup>®</sup>**

The SMART Health and Safety Manager is an affordable, easy-to-use software solution that stores, manages and provides easy access to all of your OSHA required employee health and safety records. It also helps you ensure compliance by tracking activities on an ongoing basis.

The system operates in single user mode or can be configured for multi-user client-server operation. SMART is available for both d MAC operating systems.

### **Key Capabilities:**

- Manages respirator issuance and fit test records
- Stores personal protective equipment (PPE) records
- Stores medical surveillance records and documents
- Maintains exposure monitoring records
- Tracks events that need to be performed on a periodic basis
- Stores industrial hygiene sample results for all types of constituents

### **Benefits:**

- Provides quick and easy access to health and safety records
- Reduces the cost of paper-based recordkeeping and long-term file storage
- Reduces the risk of regulatory fines and citations by managing records and tracking events more effectively

### **HOW IT WORKS**

#### **Getting Started**

The system starts with the Main Menu. Simply select the task you want to perform or information you want to view. For instructions, simply click on the help link and screen specific help will appear in a pop-up window.



## Stores Personal Protective Equipment Issuance Records

SMART enables you to set up personal protective and safety equipment requirements for each of your work groups. A check list of PPE items is user definable so employers can select items should be provided and verify that they were received.

Personal Protective Equipment <a href="#">help</a>		
Respirator Details	PPE	PPE Recommendations
<b>Make</b> North	<b>assigned to</b>	<b>for Classification:</b>
<b>Model</b> 7700 Half-Face	<b>Employee</b>	Asbestos CAC
<b>Size</b> large	<input type="checkbox"/> Safety goggles	<input type="checkbox"/> Safety goggles
<b>Cartridge</b> HEPA	<input type="checkbox"/> Safety glasses	<input checked="" type="checkbox"/> Safety glasses
<b>Issued</b> 2/2/2001	<input checked="" type="checkbox"/> hard hat	<input checked="" type="checkbox"/> hard hat
	<input checked="" type="checkbox"/> ear plugs	<input checked="" type="checkbox"/> ear plugs
	<input type="checkbox"/> ear muffs	<input type="checkbox"/> ear muffs
	<input type="checkbox"/> gloves	<input type="checkbox"/> gloves
	<input type="checkbox"/> rubber chemical gloves	<input type="checkbox"/> rubber chemical gloves
	<input type="checkbox"/> work boots	<input type="checkbox"/> work boots
	<input type="checkbox"/> rubber boots	<input type="checkbox"/> rubber boots
	<input checked="" type="checkbox"/> respirator	<input checked="" type="checkbox"/> respirator
	<input type="checkbox"/> face shield	<input type="checkbox"/> face shield
	<input type="checkbox"/> harness & lanyard	<input type="checkbox"/> harness & lanyard
	<input type="checkbox"/> chemical splash suit	<input type="checkbox"/> chemical splash suit
	<input type="checkbox"/> tyvek suit	<input checked="" type="checkbox"/> tyvek suit
	<input type="checkbox"/> tyvek apron	<input type="checkbox"/> tyvek apron
	<input type="checkbox"/> tyvek shoe covers	<input type="checkbox"/> tyvek shoe covers
	<input type="checkbox"/> D-Lead Wipes	<input type="checkbox"/> D-Lead Wipes
	<input type="checkbox"/> uniform	<input type="checkbox"/> uniform

## Stores Respirator Issuance and Fit Test Records

For employees who are issued respirators, the system stores respirator type and size, as well as fit testing results. It also stores fit test certificates and provides reminders for periodic fit testing events.

Employee Safety Details  
Example Company

[Back](#) [Help](#) [Add](#) [Find](#) [Find All](#) [Training Details](#) [Exposure Monitoring](#) [List](#) [Home](#)

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**General Information** [help](#)

<b>Employee_ID</b> 6	<div style="background-color: #4F81BD; color: white; padding: 2px; text-align: center;">Photo <a href="#">help</a></div>  <div style="text-align: center; margin-top: 5px;"><a href="#">Make ID Badge</a></div>	<b>Classifications</b> <a href="#">help</a>									
<b>First_name</b> Jim		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #4F81BD; color: white;">Classification</th> <th style="background-color: #4F81BD; color: white;">Type</th> <th style="background-color: #4F81BD; color: white;">Functions</th> </tr> </thead> <tbody> <tr> <td>Asbestos CAC</td> <td>Stan</td> <td>Rev Upd </td> </tr> <tr> <td> </td> <td> </td> <td>Rev Upd </td> </tr> </tbody> </table>	Classification	Type	Functions	Asbestos CAC	Stan	Rev Upd			Rev Upd
Classification		Type	Functions								
Asbestos CAC		Stan	Rev Upd								
			Rev Upd								
<b>Middle_name</b> <input type="text"/>	<b>Department</b> Sr. Project Manager										
<b>Last_name</b> Bilsner	<b>Date of Birth</b> 6/4/1946										
<b>Site (Terminal)</b> ACC Oakland Office	<b>Driver #</b> <input type="text"/>										
<b>Employee Type</b> <input checked="" type="radio"/> HazMat <input type="radio"/> Standard	<b>Social Sec. #</b> 321-12-3445										
<b>Status</b> <input checked="" type="radio"/> Active <input type="radio"/> Archived											
<b>E-Mail</b> jbilsner@accenv.com											

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**Respirator Fit Test Records** [help](#)

<b>Employee_ID</b> 6	<b>Site (Terminal)</b> ACC Oakland Office	<a href="#">Doc help</a>
<b>Name</b> Bilsner, Jim		

Date	Provided By	Expires	Status	Note	
2/28/2005	PFT Services	2/28/2006	Okay		
2/28/2004	PFT Services	2/27/2005	Archive		
2/28/2003	PFT Services	2/28/2004	Archive		

## Stores Medical Surveillance Records

SMART stores a complete history of medical examinations and approvals for each employee. Medical examination reports can be scanned or electronic files linked to the employee's records for long-term storage and easy retrieval. When a new medical is linked, the old medical is archived automatically. SMART also provides alerts when periodic examinations, tests and examinations need to be repeated.

Medical Exam Records <a href="#">help</a>							
Employee_ID	6		Site (Terminal)	ACC Oakland Office			
Name	Bilsner, Jim		<a href="#">Doc help</a>				
Date	Provided By	Expires	Status	Note	Result		Archived
2/28/2005	Medical Exam Services	2/28/2006	Okay	PFT & Med. Quest.	OK		<input type="checkbox"/>
2/26/2004	Medical Exam Services	2/25/2005	Archive	PFT & Med. Quest.	OK		<input checked="" type="checkbox"/>
2/28/2003	Medical Exam Services	2/28/2004	Archive	PFT & Med. Quest.	OK		<input checked="" type="checkbox"/>
							<input type="checkbox"/>

## Stores Exposure Monitoring Results

SMART stores and manages OSHA required industrial hygiene exposure monitoring results for any type of sample or constituent. Laboratory results can be entered or scanned lab reports and electronic files can be linked to the employee's records for long-term storage. Details for all types of samples with single or multiple constituents can be recorded.

Exposure Monitoring <a href="#">help</a>							
Date	Sample ID	Sampled For	Group ID	Result Type	Result	Units	<a href="#">Doc help</a>
<a href="#">Detail</a>	2/28/2003	2003-1-203	asbestos	Single	0.001	f/cc	
<a href="#">Detail</a>	2/22/2004	2004-2-402	asbestos	Single	0.001	f/cc	
<a href="#">Detail</a>	3/1/2005	2005-312	metals	Multiple			
<a href="#">Detail</a>							

  

Exposure Monitoring Details <a href="#">Update</a>			
sampling date	2/28/2003	Laboratory	NAL - Oakland
Sample ID	2003-1-203	Sampled For	asbestos
Project ID	4505-001	Media	
Activity	Gross Abatement	Method	PLM
Sample Location	Under Stairs	No. of Constit's	<input checked="" type="radio"/> Single <input type="radio"/> Multiple
Floor	1	Single Result per sample	
Calibration	Rotometer 2	Simple Results	0.001
Pump No.	Pump 2	Simple Units	f/cc
Collected By	Mark Sanchez	Comments	

## Reports

SMART provides several reports that enable Health and Safety Managers to view the status for each employee and safety event.

**Safety Events Sorted by Type** enables you to view a list of medical events and fit tests sorted by location and employee. With this information a group of employees can be scheduled for their fit testing or medical examinations quickly and easily.

**Safety Events Sorted by Employees** enables you to view a list of employees sorted by location and view the status and expiration dates for medical examinations and respirator fit tests. With this information, the health and safety manager can ensure all requirements are met and current before assigning an employee to a project.



To learn more visit the EcoLogic Systems web site at [www.ecologicsystems.com](http://www.ecologicsystems.com) or call 1-800-223-0609.