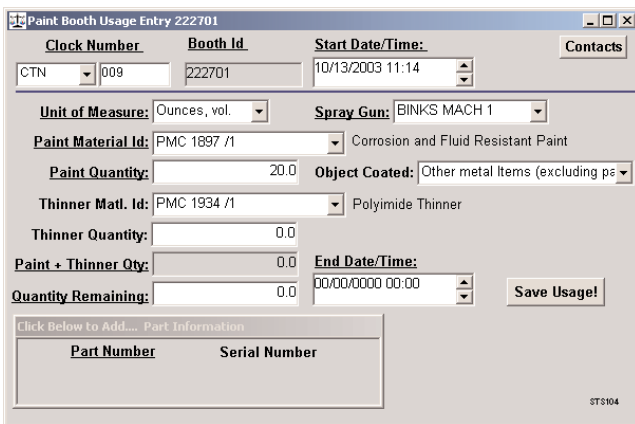




The EHSdesk™ **PaintMan (PM)** module, is a submodule of **Substance Tracking System (STS)** supports the collection, real-time monitoring, and reporting on air permit compliance for paint booth emissions to meet state and federal regulations. PaintMan provides a consolidated collection and reporting system for Paint and Thinner usage at paint spray booths or other coatings processes. PaintMan contains all the necessary data for real time compliance across a multi-permitted facility. PaintMan emissions calculations are based on a configurable set of emissions properties for site specific paint booth equipment.

## Features and Functionality

- Paint booth inventory available with allowable paints and thinners properties
- Configurable emissions factors are assigned per paint per paint booth
- Paint booths can be grouped together for limit purposes or assigned to a booth or site limit
- Easy to use daily paint log entry is available with optional thinner usage and the ability to document parts painted



Paint Booth Usage Entry 222701

Clock Number: CTN 009 Booth Id: 222701 Start Date/Time: 10/13/2003 11:14

Unit of Measure: Ounces, vol. Spray Gun: BINKS MACH 1

Paint Material Id: PMC 1897 /1 Corrosion and Fluid Resistant Paint

Paint Quantity: 20.0 Object Coated: Other metal Items (excluding ps

Thinner Mat. Id: PMC 1934 /1 Polyimide Thinner

Thinner Quantity: 0.0

Paint + Thinner Qty: 0.0 End Date/Time: 00/00/0000 00:00

Quantity Remaining: 0.0

Part Information

Part Number	Serial Number

ST3104

Paint Log Input

- Automatic calculation of TSP and VOC emissions is saved for each paint booth entry; administrators retain the ability to override entries
- Painter notification if booth has gone over booth paint allotment; system will not allow data entry for booth
- Exceeded permits are tracked with e-mail notification to a configurable distribution list
- Predefined reports for available regulatory/permit compliance and best management practices are available
- Typical users include EHS Professionals, Painters, Supervisors

## Benefits

- Enables real time visibility into emissions limits to ensure permit compliance on a daily basis
- Provides the ability to prevent or minimize exceeded permits directly at the operator level
- Provides instant notification via e-mail when air permit limits have been exceeded
- Automates complex manual calculations to derive emissions
- Simplifies compliance reporting with predefined reports

## E-mail/Reports

- Ad hoc reporting is available using a flexible search window with multiple filters and sorts; query results can be printed or saved to an Excel™ or Acrobat™ format
- Supervisor Booth Painting History report
- Booth Actuals Versus Limit report

VOC/TSP Emissions Report					Paint Management System Paint, Coating, Thinner Usage Da	
Booth	Date	Clock Nbr.	Units	Paint Material	Qty	Thinner Material
222701						
OCT						
10/01/03	CTN	009	Ounces, vol.	PMC 1897 /1	10.0	PMC 1934 /1
10/02/03	CTN	009	Ounces, vol.	PMC 1897 /1	32.4	
10/03/03	CTN	009	Ounces, vol.	PMC 1897 /1	5.0	PMC 9076 /1
			<b>Part Nbr</b>	<b>Serial Nbr</b>	<b>Part Nbr</b>	<b>Serial Nbr</b>
			123-4-4	111		

Supervisor's Paint Report

- Booth Emissions History report
- E-mail sent to booth distribution list to notify when an air permit limit has been exceeded

## Integration Points

- EHSdesk **SIM Lite**; designate equipment as a paint booth
- EHSdesk **Air**; assign materials in use at equipment
- EHSdesk **STS**; paints and thinners obtained from master materials list

## Compliance

Facilitates compliance to local Air permits and ISO 14001



## Process Flow

