

## Chemical Tracking Program For Reporting Needs

In an effort to protect the environment and its citizens, companies are required to track the materials and chemicals they use in their operations. There are many different requirements and reasons to track this information. For example, some companies must calculate air emissions of volatile organic compounds (VOCs), hazardous air pollutants (HAPs), and other air toxic compounds and report these limits to the Massachusetts Department of Environmental Protection (MassDEP).

Additionally, companies may also be required to track chemical usage for other compliance-related programs such as Federal Emergency Planning and Community Right to Know Act (EPCRA), Section 313 by the US Environmental Protection Agency (EPA) Form R reporting, Form S reporting and planning as required under the Toxics Use Reduction Act (TURA) by the MassDEP, and Chemical Facility Anti-Terrorism Standards (CFATS) as required by the Department of Homeland Security (DHS).

Tracking the use of materials, chemicals, and the associated data needed for various reports to regulatory agencies can be very cumbersome. Many companies use multiple spreadsheets and files to track this data. This can make the management of data for reporting time-consuming and complicated.

To assist our clients, CAPACCIO has developed a customized Microsoft® ACCESS database application to track these usages and generate the necessary reports. The program consists of several data tables, queries, forms and reports that are accessed through a user-friendly interface. Multiple easy to use forms are available for entering material use data, maintaining Material Safety Data Sheet (MSDS) data (i.e., constituents, density) and generating customized reports. Customized reports are designed based on the company's reporting requirements (i.e., monthly chemical usage; VOC emissions on a daily, monthly and rolling 12-month basis; usage of chemicals pertaining to Superfund Amendments and Reauthorization Act (SARA) List of Lists; or CFATS Chemicals of Interest).

### BENEFITS

- Provides a dedicated system to assist with your regulatory and compliance requirements
- Addresses potential risks
- Guarantees proper back-up documentation to demonstrate due diligence
- Ensures a secure and stable database environment with minimal potential for user error
- Helps determine where you stand in terms of your usage and potential triggers

### SERVICES/OPTIONS/MODULES

The custom application can be developed in modules based on your facility's needs. You may start with top priority issues and then build additional features as needed. Additional modules and features that are available include:

- VOC Emission Tracking
- SARA Title III List of Lists Comparison
- CFATS Chemicals of Interest Comparison
- Waste Management Tracking
- Mass Balance Reports
- Easy to use import functions (to work with exported data from existing systems such as SAP)

### QUALIFICATIONS

CAPACCIO professionals are:

- Database Infrastructure Designers
- Environmental Engineers
- Certified Environmental, Health and Safety Trainers (CET)
- Certified Hazardous Materials Managers (CHMM)
- Certified RABQSA ISO 14001 Auditors
- Certified Toxics Use Reduction Planners (TURP)

