



## Environmental Knowledge and Assessment Tool (EKAT)

### OVERVIEW

EKAT is a Web-based tool used to identify, research, and evaluate environmental and safety-related issues. EKAT's flexible design allows for adaptation to address user-specific requirements as well as integration into existing software systems. EKAT is regularly updated. Development Version 4.604 was completed in April 2006, and another major release is scheduled for June 2007.

**Attendees of the Brownfields 2006 conference are invited to try EKAT. We value your opinion and respectfully request that you tell us what you think.**

### HOW TO GET STARTED

EKAT is a sophisticated software package with many features and tools. The following directions are a guide to help you begin exploring the software.

- At the conference, go to <http://www.ekat-tool.com> and log in as 'guest.' Use the password 'guest06.' This guest account will remain open for the duration of the conference. After the conference, go to <http://www.ekat-tool.com/demo/intro/index.html> and register as a user of EKAT. An ID and password will be automatically assigned when you register.
- Use the mouse (point and click):
  - Select '**Tools**' from the red toolbar at the top of the home page.
  - On this page, select '**Environmental Screening.**'
  - When the environmental screening page is open, type in a chemical name such as benzene or trichloroethylene.
  - Click on the '**next**' button to generate a report listing regulatory and safety and health information.
- Return to the home page by using the mouse to select 'Home' from the red toolbar at the top of the page.
  - Select '**Research**' from the red toolbar at the top of the home page.
  - On this page, select '**Information Resources.**'
  - From the pop-up window that opens, select '**Environmental Compliance.**'
  - From the list of regulations, select '**Clean Air Act (CAA).**' The second paragraph titled, 'Use in EKAT,' links the EKAT user to the original lists of CAA-regulated chemicals, which the Environmental Screening tool screens against. Scroll down to see links for additional information on the CAA. Close the pop-up window when you are finished reading about the CAA.
- Return to the home page.
  - Select '**My Projects**' from the red toolbar at the top of the home page. All projects created by EKAT users have restricted access. Access is controlled by each project owner. A demonstration project is shown.
  - Using the mouse, point and click on '**EKAT Demonstration Project.**'



- Select the **Environmental Screening** (second item under ‘system/item name’). Read about this tool in Step 1.
  - Open the **‘more information’** pop-up window in Step 1 to see more information about environmental screening. Close the pop-up window when you are finished reading.
  - Use the **‘next’** button at the bottom of each page, or the yellow tabs at the top, to step through the environmental screening example. The final report may be saved in Word or as a PDF.
- There are many additional tools and features. Help tools include the ‘Wizard,’ which is located on the home page and also accessible from the gray sidebar. FAQs, tutorials, and a first-time user’s guide are located in the ‘Help’ section. Open ‘Help’ from the red toolbar at the top of the page.

## FEEDBACK

If you would like to make a comment or suggestion for EKAT, please use the ‘Feedback’ feature found at the very bottom of each EKAT page. We do not share, sell, or distribute names or email addresses outside of the EKAT development team. Thank you for your comments!

## BACKGROUND

EKAT is currently under development for DOD application and is being used for hazardous substances research at Kansas State University to assist with identification and evaluation of environmental issues associated with emerging nonlethal weapon technologies. The development team is pursuing commercialization of EKAT for other markets and is actively securing partners to assist with development, implementation, and industry awareness programs.

## EKAT DEVELOPMENT TEAM

**M2 Technologies, Inc. (M2):** M2 manages EKAT and provides application development and user support for the EKAT application. Since the mid-1990s, M2 has provided novel concept application development and program management throughout government and industry, including concept development support. M2 is at the forefront of conceptual development and exploration of technologies and techniques to provide nonlethal and urban operations’ capabilities to the military and law enforcement agencies.

**Kansas State University (KSU):** KSU provides subject matter expertise, application development, and content to the EKAT application. KSU is a comprehensive, research, land-grant institution first serving students and the people of Kansas, and also the nation and the world. Since its founding in 1863, KSU has evolved into a modern institution of higher education, committed to quality programs, and responsive to a rapidly changing world and the aspirations of an increasingly diverse society. KSU is headquarters for the National Environmental Evaluation and Remediation (NEER) Consortium.

**CABEM Technologies, Inc. (CABEM):** CABEM provides software development and application development expertise to the team. CABEM designs, builds, provides, and integrates IT solutions tailored to the needs of each customer with specialization in workflow automation, real-time enterprise, and custom software systems. Initially founded to help small- to medium-size businesses, today CABEM is providing solutions to progressive companies of all sizes, academic institutions, and the military.

## FOR MORE INFORMATION ABOUT EKAT

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