

OVERVIEW

For more than 15 years, the CBRNE Mobile Labs & Kits Team has designed, integrated and fielded mobile analytical platforms and custom engineering controls for a number of high profile customers:

- ▶ Department of Defense
- ▶ Department of Homeland Security
- ▶ Food and Drug Administration
- ▶ Federal Bureau of Investigation

INTEGRATED PRODUCT SOLUTIONS

The CBRNE Mobile Labs & Kits Team is comprised of scientists and engineers working together in a unique cooperative environment-while drawing upon the vast expertise of the ECBC community to deliver state-of-the-art products and solutions.

Our mobile laboratory systems vary in size and complexity and are driven by the mission requirements of the customer. As such, each mobile platform is a custom product, unique in its design and capabilities.

We have specialized in the development of robust engineering controls for chemical and biological threat materials, and as a team hold numerous patents in this area for novel developments that meet and often exceed our customers' needs.

Our goal is to provide integrated solutions for the safe handling, processing and analysis of samples containing chemical, biological, radiological, nuclear, explosive or emerging threats.



OVER 15 YEARS OF PROVEN EXPERIENCE IN DEVELOPING TRANSPORTABLE LABORATORIES AND CUSTOM ENGINEERING CONTROLS

FOR MORE INFORMATION CALL
410.436.3544
OR VISIT
WWW.ECBC.ARMY.MIL



ECBC IS A PART OF THE



CBRNE MOBILE LABS & KITS TEAM



FULLY MOBILE



SEMI-PERMANENT



ISO CONTAINERS



MODULAR



TRANSPORTABLE

CBRNE MOBILE LABS & KITS TEAM

Laboratory Analytics:

- Integration of commercial off-the-shelf instrumentation
- Complete turn-key installations with all necessary support equipment including gas generators, high-purity water filtration systems and power conditioners
- Custom workflows designed for safety and sample integrity
- Analytical techniques tailored to mission-specific needs
 - ▶ CBRNE compounds
 - ▶ TIC/TIM Analysis
 - ▶ Emerging threats
 - ▶ Chemical warfare agent analysis and identification
 - ▶ Biological agent analysis and identification



CUSTOM LABORATORY COMPONENTS

- | | |
|---|--|
| 1 Analytical Chemistry Instrumentation | 6 Laboratory Exhaust/Filtration System |
| 2 Biological Culturing | 7 Glovebox Filtration System |
| 3 Sterilization/Decontamination Equipment | 8 Sample Passthrough |
| 4 Biological Analysis and Identification | 9 Biosafety Cabinet |
| 5 Custom Work Surfaces | 10 Glovebox |
| | 11 Bleaching Station |



Custom Engineering Controls:

- BSL1-BSL3 biological agents
- Chemical warfare agents
- Chemical, biological, radiological, nuclear and explosive (CBRNE) sample screening
- Non-traditional agents
- Size/configuration of engineering controls designed to suit mission requirements

