



ECBC ENGINEERING
Design→Build→Test→Support

ECBC ENGINEERING PRODUCT DEVELOPMENT FACILITY ADVANCED DESIGN AND MANUFACTURING FABRICATION FACILITIES



The Edgewood Chemical Biological Center (ECBC) Engineering Directorate Advanced Design and Manufacturing (ADM) manufacturing facility is staffed with highly skilled craftsmen and manufacturing specialists. They operate this extremely versatile fabrication facility capable of prototyping complex systems and rapidly producing mission critical items. Fully integrated with the design and engineering facilities, ADM can rapidly design, prototype and produce a wide variety of items.

Our 70,000 square foot facility is organized to provide greatest efficiency and economy of operation. The modern mechanical and electronics shops enable us to perform a broad range of tasks, from machining and assembly of precision devices to the manufacture of large complex systems.

ADM combines world class engineering, state-of-the-art manufacturing and additional Engineering Services such as environmental testing/validation to provide an unbeatable comprehensive capability from concept to production with solutions that are **better, cheaper and faster.**



Features

- Highly skilled staff
- Military Specification painting and coating
- Advanced Computer-Aided Design/Computer-Aided Manufacturing (CAD/CAM)
- Quality assurance/quality control inspection
- Fully integrated with ADM engineering and design

Capabilities

- Precision machining and tool making
- Sheet metal processing and welding
- Pattern and mold making/rapid tooling
- Plastic injection molding
- Electronics and wire harness design/fabrication
- Mechanical/electromechanical system integration and assembly
- Painting and finishing
- Packaging and shipping
- Manufacturing and technical problem solving
- Design-for-manufacturing
- Small scale production
- Rapid response capability for emergency incidents and requirements

Facilities Description

- 70,000 square foot facility

Equipment

- 12 milling machines
- 17 turning machines
- Five CNC milling machining centers, 3-5 axis
- Two CNC turning centers, one with live axis
- Two CNC turret punching machines
- Two water jet cutting machines
- Five injection molding machines, 11 to 300 tons
- Vacuum forming
- Welding
- Electrical discharge machining



For more information, please call 410.436.5542 or
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