

VALUE ENGINEERING

- Designs add flexibility and efficiency to existing and new facilities.
- Designs create cost-effective barricaded ovens, pass-throughs, barricaded process equipment, workstations, and tables for explosives handling.

INDUSTRIES SERVED

- Automotive
- Aerospace
- Commercial
- Testing

ENGINEERED SOLUTIONS

**SITE EVALUATION
FACILITY/WORKFLOW
RECOMMENDATIONS
BARRICADE/CONTAINMENT
DESIGN
PRODUCTION ENGINEERING
FABRICATION EXPERTISE
TECHNICAL SUPPORT
TRAINING**

ADVANTAGES

Heavily reinforced fabrications allow manufacturers to maintain Net Explosive Weight while increasing Gross Explosive Weight within existing or new facilities.

Designs include application of the concept of Maximum Credible Event through integration of equipment into the manufacturing process for bulk explosives and explosive articles.

The Maximum Credible Event concept is based on designing handling processes that isolate quantities of explosive materials from personnel while keeping the material close at hand for small batch processing.

Using pass-through equipment and barricaded equipment can significantly reduce Quantity Distance Requirements per UFC, Table A-VI-E-5.

Designs proven capable of meeting Articles 500, 501, and 502 of the National Electrical Code.

Designs proven capable of meeting requirements of CFR 27: Part 55, CFR 29: 1910.119, Life Safety Codes, and Uniform Building Codes.

ISO 9001-2000 Quality