FORTRESS
PROTECTIVE BUILDINGS

SAFE™

Shock and fragment enclosure

TURNKEY SOLUTIONS FOR PRESSURE TESTING ENCLOSURES AND EQUIPMENT

STREAMLINED DESIGN-BUILD OPERATION

Single point of contact for design, construction, and installation of enclosure and equipment.

MINIMAL INTERRUPTION TO OPERATIONS

Enclosure construction and equipment installation can be done off-site and brought in for quick setup.

CUSTOMIZABLE MODULAR DESIGNS

Enclosures can be small boxes, walk-in rooms, high bays, or any other size. Portable enclosures can be relocated for future needs.



INDUSTRIES AND APPLICATIONS FOR SAFE™.

PRESSURE TESTING:
Oilfield services, Hydrogen, Space

BATTERIES:
Automotive, Battery abuse testing,
Battery energy storage systems (BESS)

ROTATING EQUIPMENT:
Manufacturing

EXPLOSIVE STORAGE:
Military, Explosive manufacturing, Mining



VIRTUALLY ANY TEST CONDITION CAN BE ACHIEVED WITH A CUSTOM DESIGN.

SAFE™ DESIGNS ARE BACKED BY R&D AND TESTING.

- FORTRESS has conducted hundreds of tests simulating hazards associated with pressure testing failures
- Enclosure designs satisfy ASME and UK HSE code requirements

Battery Abuse Testing



Horizontal Bunker



Pressure Test Cart



WHY FORTRESS?

FORTRESS is one of the world's leading explosion analysis, structural design, and risk management companies. FORTRESS provides comprehensive consulting, engineering, laboratory, and full-scale facility testing services to government agencies and private companies who are involved with hazardous operations or materials.

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(281) 404-6400