



RANGE STRUCTURES

SUCCESSFULLY TESTED, SAFE AND
SCALABLE, MODULAR SOLUTIONS

COVERSIX SHELTERS

RANGE FACILITY SOLUTIONS

CoverSix Shelters is a leading manufacturer of range facilities specifically designed to withstand the repeated blasts and shrapnel loads of nearby testing. Having completed projects for commercial, military and other government ranges over the last ten years, CoverSix has developed a reputation for meeting the stringent engineering requirements associated with these projects and delivering a successful building to protect operators, soldiers, and valuable equipment onsite.

The modular construction of range facilities has a number of advantages over using traditional construction methods. By using modular construction, the majority of the build process takes place off site and therefore does not interrupt training schedules. The buildings are relocatable and can be moved when the range needs to be reconfigured to support a new mission.



24' X 30'

Blast-resistant building at a federal weapons range.



10' X 12'

Hardened control room to protect equipment on military training range.



8' X 40'

Partially buried viewing bunker at a military training range.



8' X 60'

Interior of viewing bunker used for Counter-IED training.

CoverSix Shelters is the defense and security division of RedGuard, a company that has specialized in providing blast-resistant buildings within the oil and gas industry for more than twenty years. The technology developed to keep petrochemical workers safe became the foundation for our range facilities. We took what we knew about mitigating blast pressures and engineered additional protections specific to the needs of our soldiers on the training range.

ACCOMPLISHMENTS AND TESTING

- Engineering reviewed and approved by Naval Facilities Engineering and Expeditionary Warfare Center.
- Engineered per United Facilities Code 3-340-01 and 3-340-02.
- Fatigue Analysis performed to verify structural integrity maintained for repeated blasts.
- Completed live fire blast test and used results to model future designs.
- Tested to mitigate internal blast pressure to safe levels for occupants.
- Completed Design/Build project for blast-resistant building at Los Alamos National Lab.
- Delivered to U.S. Military Range in OCONUS locations.

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CAGE	DUNS	GSA CONTRACT



CONTACT US TODAY

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