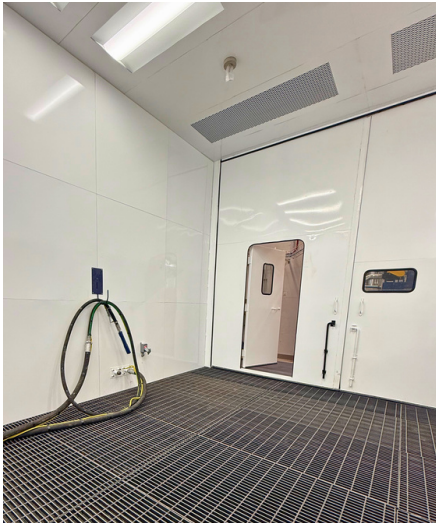


Naval Air Weapons Station China Lake

Ridgecrest, California | 15'W x 12'H x 20'L Harsh Media Blast Booth



PROJECT OVERVIEW

VES completed a new fully modular blast booth system for Naval Air Weapons Station China Lake in Ridgecrest, California. The system was designed for use with harsh abrasive media and built to support continuous blasting, media recovery, reclamation, and dust collection operations.

The blast booth supports one operator with an individual blast hose and nozzle. Spent media is recovered through a below-grade full floor pneumatic recovery system, then conveyed back to the reclaim system for separation, reuse, or disposal of dust and debris.

The completed system provides improved operator protection, efficient media handling, and reliable dust control while supporting compliance with applicable OSHA, NESHAP, SMACNA, and ASHRAE requirements.

EQUIPMENT SUPPLIED

- Fully modular 15'W x 12'H x 20'L blast enclosure
- Four pneumatic air pass-throughs
- 12,600 CFM cartridge dust collector
- 20 vertical cartridge filters
- Automatic reverse pulse cleaning system
- Photohelic pressure gauges
- VET-I single-operator blast machine
- 7.5 cubic foot ASME-rated pressure vessel
- 18 cubic foot clean media storage hopper
- 900 CFM rubber-lined cyclone with adjustable air wash
- Above-grade full floor pneumatic media recovery system
- Single-operator safety package

PROJECT HIGHLIGHTS

- Supports continuous blasting, recovery, and reclamation
- Provides cross-flow ventilation at 70 FPM
- Enables efficient full-floor media recovery
- Guaranteed clog-free recovery floor design
- High-static, high-velocity recovery system improves conveying performance
- Adjustable air wash supports effective separation across multiple media types
- Vertical cartridge configuration promotes more complete filter cleaning and longer filter life
- Direct-drive fan and motor design eliminates belts and pulleys for reduced maintenance
- StealthStrip™ nozzle helps reduce hazardous noise exposure while maintaining productivity
- Designed to support compliance with applicable OSHA, NESHAP, SMACNA, and ASHRAE requirements



Contract Completion Date:
April 2026



Veteran Equipment Sales
1-877-75-BLAST



VESSYSTEMS.COM