

# PERFORMANCE CATALOG

## PROJECT PORTFOLIO & EQUIPMENT HIGHLIGHTS





# ABOUT VES

**VETERAN-OWNED EXPERTISE IN SURFACE PREPARATION & COATING SYSTEMS**



## WHO WE ARE

Veteran Equipment Sales LLC (VES) is an SBA Certified Service Disabled Veteran-Owned Small Business designing and manufacturing advanced paint, blast, remediation, and corrosion control systems in Nampa, Idaho.

Built for aerospace, defense, and industrial environments, our systems help customers improve safety, control contaminants, remove coatings, and maintain mission ready equipment and facilities. From blast cabinets and full scale blast rooms to paint systems, air showers, compressor systems, and hexavalent chromium remediation technologies, VES delivers solutions built around real operational needs.



## CUSTOMER SUPPORT

At VES, customer support does not end when equipment is delivered. We work closely with customers before, during, and after each project to ensure every system is properly designed, installed, operated, and supported.

Our reputation is built on responsiveness, technical knowledge, and practical problem solving. Whether assisting with installation, training, replacement parts, or technical support, VES remains committed to dependable service and long term customer success.



## TURN-KEY SOLUTIONS

VES provides complete corrosion control solutions from concept through installation. Our team supports system design, facility planning, equipment demolition, installation, operator training, technical service, and long term maintenance.

Every facility has different safety requirements, production goals, and space limitations. VES approaches each project with flexibility and purpose, partnering with trusted U.S. suppliers and industry experts to deliver systems built to perform in demanding environments.

## VES AT A GLANCE



Service Disabled,  
Veteran-Owned Small  
Business (SDVOSB)



Headquarters:  
Nampa, Idaho



Coatings removal and  
application systems



Professional  
engineering services



90%+ of materials  
sources from  
U.S. companies



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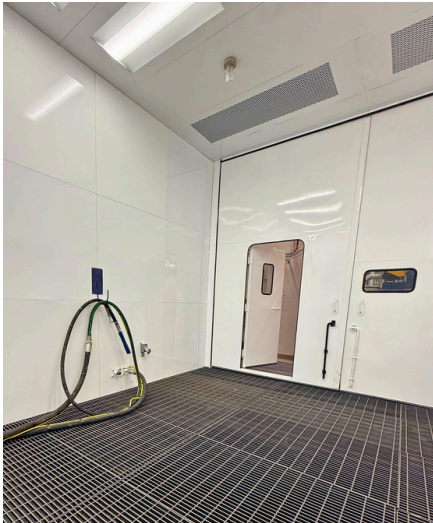
[INFO@VESSYSTEMS.COM](mailto:INFO@VESSYSTEMS.COM)



1-877-75-BLAST

# 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**



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**1-877-75-BLAST**



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# Joint Base McGuire-Dix-Lakehurst

**McGuire AFB, New Jersey** | 12'W x 8'H x 14'L Aluminum-Oxide Blast Booth



## PROJECT OVERVIEW

VES completed the removal, delivery, rigging, installation, and training for a new aluminum-oxide blast booth system at Joint Base McGuire-Dix-Lakehurst in McGuire AFB, New Jersey. The new system replaced the existing aluminum-oxide blast booth and was designed to modernize blasting operations with improved media recovery, dust collection, HEPA filtration, and operator safety features. The booth supports one blast operator and includes an in-grade real-wall media recovery trough that conveys spent media back to the reclamation system for reuse, separation, or disposal of dust and debris.

The completed system provides a more efficient, reliable, and compliant blasting environment engineered to support applicable OSHA, NESHAP, SMACNA, ASHRAE, ACGIH, USAF Corrosion Control Reference Guide, and T.O. 1-1-8 requirements.

## EQUIPMENT SUPPLIED

- Fully modular 12'W x 8'H x 14'L blast enclosure
- Rubber-lined, insulated, double-skinned wall construction
- Heavy-duty swing-style equipment doors
- 9,600 CFM cartridge dust collector with HEPA filtration
- Twelve NANO cartridge filters
- Automatic reverse pulse filter cleaning system
- Photohelic pressure gauges
- Direct-drive fan and motor system
- VET I single-operator blast machine
- 7.5 cubic foot pressure vessel
- 39.5 cubic feet of total media storage capacity
- 1,000 CFM rubber-lined cyclone with adjustable air wash
- In-grade real-wall media recovery trough
- Single-operator safety package
- 1,000 lb. mobile worktable

## PROJECT HIGHLIGHTS

- Replaced the existing aluminum-oxide blast booth system
- Supports single-operator blasting with media recovery and reclamation
- In-grade real-wall recovery trough improves media handling efficiency
- Guaranteed clog-free recovery trough design
- HEPA filtration provides 99.97% filtration of particles larger than 0.3 microns
- Vertical cartridge filter configuration promotes more complete filter cleaning
- Double-ring cartridge filter seal helps reduce contaminant blow-by
- Bag-in/bag-out filter change design supports safer maintenance
- Completed with demolition, removal, proper disposal, delivery, rigging, installation, and training



Contract Date:  
**September 2024**



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**1-877-75-BLAST**



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# New Jersey Air National Guard

**Egg Harbor Township, New Jersey** | 15'W x 11'H x 27'L Semi-Downdraft Paint Booth



## PROJECT OVERVIEW

VES supplied and installed a 15'W x 11'H x 27'L Semi-Downdraft Paint Booth for the New Jersey Air National Guard in Egg Harbor Township, New Jersey. The booth was engineered for efficient painting and curing operations with advanced airflow, filtration, and temperature control to support a variety of applications.

The system features galvanized steel construction, a direct fired air make-up unit, and a fully automated control system with multiple operating modes to deliver performance, energy efficiency, and ease of use.

## SYSTEM HIGHLIGHTS

- 15'W x 11'H x 27'L Semi-Downdraft Paint Booth
- 12' x 11' product door
- 3' x 7' access door
- 18 gauge galvanized steel construction for durability and long service life
- Clean air introduced through ceiling intake plenum
- Exhausted through sixteen 20" x 20" NESHAP 319 filters
- Direct fired air make-up unit
- Rapid temperature rise for 70° paint cycle and 140° cure cycle
- Fully automated 6" touch screen and PLC
- Operates in paint mode or cure mode with flash, cure, and cool down timers
- Engineered for consistent performance and high quality finishes



Contract Date:  
**September 2023**



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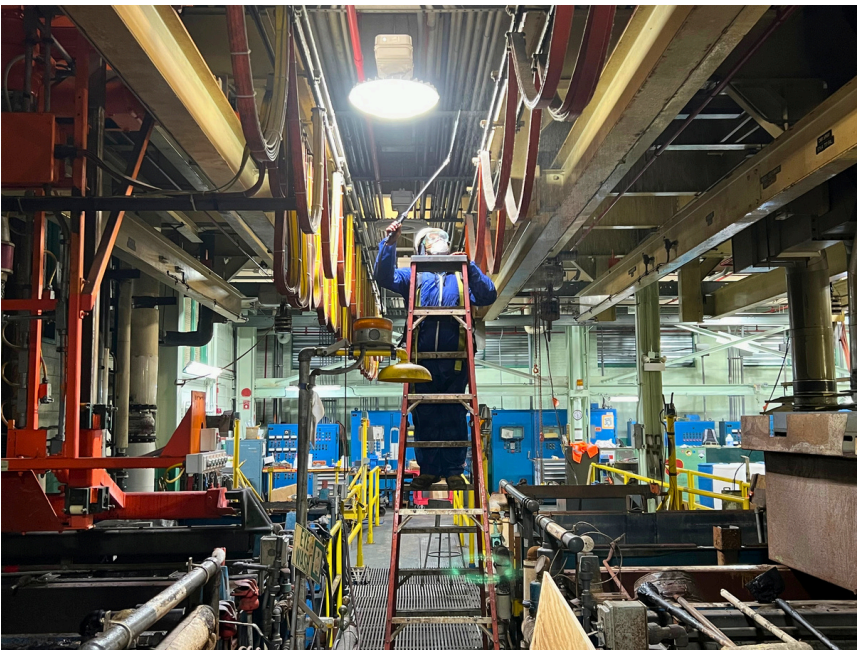


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# US Army Arsenal

**Watervliet, New York** | Large-Scale Hexavalent Chromium Decontamination Project



## PROJECT OVERVIEW

VES had the privilege of being awarded a large-scale Hexavalent Chromium Decontamination Project for U.S. Army Watervliet Arsenal, Watervliet, NY. The project consisted of the decontamination of Hexavalent Chromium (CrVI) from a 150,000+ sq/ft facility with monthly follow-ups for continued monitoring.

The project also included VES' Dust Migration Mapping (DMM) service for examining and continuous tracking of CrVI within the work process and rest areas. This contract was successfully completed in August of 2023 with exceptional results!

### Contract Specialist's Recommendation

*"Given what I know today about the contractor's ability to perform in accordance with this contract ... I would recommend them for similar requirements in the future."*

## SYSTEM HIGHLIGHTS

- Large-scale Hexavalent Chromium (CrVI) decontamination of over 150,000 sq/ft
- Awarded based on proven performance and results
- DMM service provided real-time data and continuous monitoring
- Continuous tracking of CrVI in work process and rest areas
- HEPA-filtered negative air units
- Minimized cross-contamination through controlled work zones
- Strict adherence to safety and environmental requirements
- Experienced, fully trained and certified crew
- High-reach scissor lifts and access equipment



Contract Date:  
**August 2023**



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# Tobyhanna Army Depot

**Tobyhanna, Pennsylvania** | 15'W x 10'H x 30'L Blast Booth w/ Dual-Skin Insulated Panels



## PROJECT OVERVIEW

VES designed and supplied a 15'W x 10'H x 30'L blast booth for Tobyhanna Army Depot in Tobyhanna, Pennsylvania. The system features dual-skin, insulated panels for improved sound attenuation and energy efficiency, along with wide-entry equipment doors for easy access and operational flexibility. Engineered for aggressive media blasting applications, the booth includes an advanced filtration and recovery system, high-intensity LED lighting, and operator-friendly controls to deliver a safe, efficient, and durable blasting solution.

## SYSTEM HIGHLIGHTS

- 15'W x 10'H x 30'L blast booth
- Dual-skin, insulated panels for sound attenuation and energy efficiency
- Wide-entry equipment doors for improved accessibility
- Combined auger media recovery system and pneumatic reclaim improving over the standard bucket elevator designs
- High-intensity LED lighting
- 5000lb rated floor system
- Internal air hoist system
- Single operator blast machine with extra large storage hopper
- Over-sized high-static blower supporting a 24-cartridge centralized dust collection system for the blast booth and over 10 blast cabinets



Contract Date:  
**March 2023**



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# P1035 Corrosion Control Facility

**Naval Station Norfolk, Virginia** | High Density Particle Separation & Blast System



## PROJECT OVERVIEW

VES was contracted to provide advanced paint stripping and corrosion control equipment for the NAVFAC V-22 Osprey Corrosion Control Facility at Naval Station Norfolk. The system was engineered to support aerospace surface preparation operations with reliable dust containment, high density particle separation, media flow control, and integrated safety features. VES' equipment was selected for its proven performance in dust collection, media recovery, and compliance focused facility design.

## EQUIPMENT SUPPLIED

- High-Density Particle Separation system w/ 4-cartridge recovery dust collector
- VET-III three-operator blast system w/ 4-cartridge transfer dust collector
- Clog free media recovery troughs
- Two 48-cartridge dust collectors
- Precision Drive computerized media valve
- Integrated system controls and monitoring

## SYSTEM HIGHLIGHTS

- 74,000 CFM total ventilation capacity
- Broken filter detection
- Deflagration protection and explosion isolation valves
- Integrated fire suppression
- Dye penetrant inspection ports
- Rotary air locks
- Touch screen controls
- Remote monitoring and data trend analysis
- Building make-up air integration
- Advanced safety features



Contract Date:  
**February 2022**



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# Textron Aviation

**Wichita, Kansas** | 20'W x 15'H x 40'L Blast Room & Heavy Particle Separation System



## PROJECT OVERVIEW

VES completed the removal, replacement, and refurbishment of the existing wheat starch blast system at Textron Aviation in Wichita, Kansas. The upgraded system delivers maximum operator protection, improved dust containment, and high-efficiency media recovery and reclamation for continuous soft-media blasting operations.

The new system supports two blast operators with independent hoses and nozzles, incorporates a below-grade recovery floor, heavy particle separation equipment, and a 30,000 CFM NANO cartridge dust collector with HEPA filtration.

All equipment is controlled through a 15" PLC touchscreen panel, providing full automation and monitoring for dust collection, media flow, recovery, and system safety functions.

## EQUIPMENT SUPPLIED

- Refurbished 20'W x 15'H x 40'L blast room
- Below-grade pneumatic recovery floor
- VET-II two-operator blast machine
- 30,000 CFM NANO cartridge dust collector
- Integrated HEPA filtration
- Two 360° blast hose swivel hangars
- Two StealthStrip™ low-noise blast nozzles
- Precision-Drive media control valves
- 75 & 100 cu. ft. media storage hoppers
- Vibratory classifier / separator
- Magnetic separator & ionizer
- 12" Heavy Particle Separator (HPS)
- 15" PLC touchscreen control panel
- New LED lighting, seals, doors & windows
- New reinforced equipment roll-up door
- Air inlet filters and exhaust silencers

## SYSTEM HIGHLIGHTS

- Designed for soft media applications
- Two-operator blasting capability
- Continuous media recovery, reclaiming & recycling
- Guaranteed clog-free recovery floor design
- HEPA filtration for maximum dust protection
- 100 FPM cross-flow ventilation
- Precision media flow up to 1,200 lbs/hr
- PLC control of key system functions
- 360° swivel hangars reduce fatigue & hose wear
- Heavy particle separation for cleaner reusable media
- Noise reduction with StealthStrip™ nozzles
- Comprehensive installation, startup & training



Contract Date:  
**December 2022**



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# Pittsburgh IAP Air Reserve Station

**Coraopolis, Pennsylvania** | Breathing Air System, Air Shower, HDPS, Paint & Blast Booth Installation



## PROJECT OVERVIEW

VES completed a comprehensive upgrade at the Pittsburgh IAP Air Reserve Station to support the bed-down of C-17 aircraft and the reorganization of the Fabrication Flight. The project included installation of a new breathing air system to support three operators, a NIOSH approved personnel air shower, a High-Density Particle Separation system, facility modifications, and installation of new paint and blast booth systems.

VES also provided Dust Migration Mapping (DMM™) services to help identify, monitor, and mitigate dust migration throughout the facility.

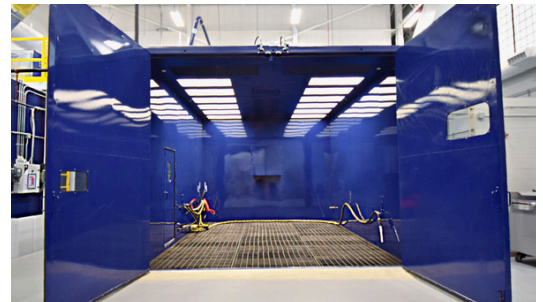
All systems were installed, tested, commissioned, and supported with operator training to help ensure safe, efficient, and fully functional aircraft maintenance operations.

## EQUIPMENT SUPPLIED

- New breathing air system for three operators
- NIOSH compliant personnel air shower
- 14'W x 15'H x 32'L paint booth
- 15'W x 12'H x 20'L blast booth
- Breathing air purifier with CO<sub>2</sub> monitoring
- 240-gallon ASME vertical receiver
- HEPA and pre-filtration systems
- Dust collection and ventilation ducting
- Fire suppression integration
- Electrical controls, lighting, and utility connections
- Dust Migration Mapping services
- Precision-Drive media control valves

## PROJECT HIGHLIGHTS

- Supports C-17 aircraft maintenance operations
- Breathing air system provides OSHA Grade D air
- NIOSH approved air shower for personnel safety
- Paint and blast booths installed, commissioned, and tested
- Facility modifications completed to support new equipment
- Dust migration monitoring performed over one year
- Up to 36 sampling locations per DMM™ event
- Real-time site surveys with portable CHEM™ sensor
- Systems installed to meet OSHA, NEC, and Air Force standards
- Operator training provided after commissioning



Contract Date:  
**September 2020**



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