Serving Customers Throughout The Northeast and Mid-Atlantic Regions

A FULL-SERVICE SAFETY RELIEF AND ISOLATION VALVE REPAIR CENTER

ATLANTIC VALVE SERVICES

AVS is an Authorized Anderson Greenwood, Crosby, and Kunkle Assembler

CAPABILITIES

General Information

- 24/7 Service
- Shop and Field Capabilities
- Pick-up and Delivery Available
- Factory-trained Technicians
- Local Inventory in Stock: Anderson Greenwood, Crosby, and Kunkle
- Valves/Parts in Stock for Same Day Shipment
- Access to Additional $30M Inventory
- 20,000 Square Feet
- 5 Ton Lifting Capability

Types of Valves Serviced:

- Spring & Pilot Operated Pressure Relief Valves
- Pressure/Vacuum Vents
- Gate, Globe, & Check Valves
- Regulators
- Ball Valves
- Steam Stop Check Valves
- Check Valves & Strainers
- Butterfly Valves

Authorization/Certifications:

- ASME "V" Stamp
- ASME "UV" Stamp
- National Board "NB" Stamp
- National Board "VR" Repair Stamp

Specialties

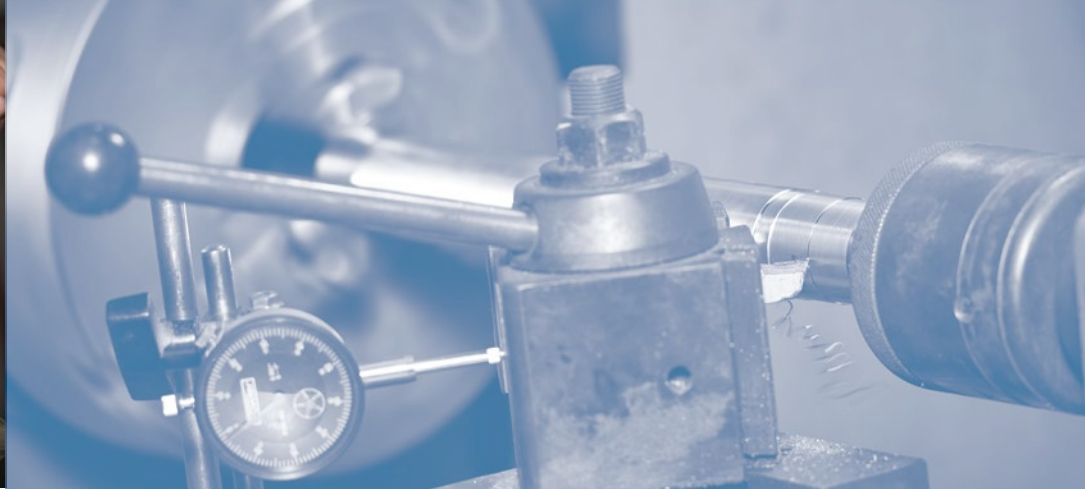
- Shutdowns/Turnarounds
- Plant Surveys
- Tank Farm Surveys
- Chlorine/Oxygen Cleaning
- Electronic Relief Valve Testing
- In-line Valve Repairs

Testing Capabilities

- Pressure Relief Valves (up to 12 inches)
- 1450 psig Steam Generator
- High Pressure Air Testing (4500 psig)
- Liquid Relief Valve Testing (up to 4000 psig)
- Hydro Testing (up to 4000 psig)
- Rail Tank Car Relief Valve Stand
- Pilot Valve Test Stand
- Pressure/Vacuum Test Stand
- Onsite Relief Valve Testing

Machinery/Equipment

- Engine Lathes
- Milling Machines
- Shot & Glass Bead Cleaning
- Lapmaster & Accessories
- Paint Booth
- Gate Valve Re-seating Field Machines (2.5-36 inches)
- Conical Seat Valve Re-seating Field Machines (.25-12 inches)
- In-line Relief Valve Tester



Valve Repair

AVS can perform many of the same services in the field as we do in our facility. Our field trailer is a fully functional mobile safety relief valve repair center with machining, cleaning, and testing capabilities for both air and liquid. Our technicians are also experienced in field repair of critical isolation valves, including pressure seals.

Type: All Valves

In-line Testing

Many customers ask us to perform annual set pressure tests for safety valves that are welded in-line or too large to rig, using our state of the art 'in situ' safety valve testers. We will deliver test and service reports to you before we leave your site.

Type: Safety Valves

Upgrades & Modifications

Whether installing a stem extension or gear operator to improve ergonomics, or adding electronic or pneumatic actuation to a valve to improve process efficiency, AVS has the tools and expertise to meet your needs.

Type: Isolation Valves

Turnkey Outage Solution

AVS offers many services to improve outage efficiency and assist you in meeting your commitments, including pre-outage asset walkdowns, pre-outage materials planning, project management, removal and reinstallation of valves, and daily status updates.

Type: All Valves

FIELD SERVICES

SHOP SERVICES

Valve Repair

AVS holds 'VR' Certification from the National Board of Boiler Inspectors (NBBI), allowing us to repair and refurbish all manufacturers and models of safety relief valves. Upon completion, we provide a detailed report, listing the parts that were machined or replaced, as well as the certification test results. In addition to safety relief valves, our experienced technicians can repair all types of isolation valves, including gate, globe, ball, butterfly, and check valves.

Type: All Valves

Upgrades & Modifications

Our ability to diagnose operational issues with your valves allows us to make upgrade and modification recommendations that will improve performance.

Type: All Valves

Testing

Our facility has steam, air, and water test stands that have been qualified by the National Board of Boiler Inspectors (NBBI) for safety relief valve testing. We test safety relief valve set points per the National Board Inspection Code VR Program. Safety relief valve seat tightness is tested per API-527. Once a valve leaves our facility, you are ensured that it will perform as new.

Type: Pressure Relief Valves

O2 Clean Room

Our O2 clean room makes AVS unique among regional valve repair centers. Many industrial gas customers use AVS to clean new and repaired valves and regulators that require degreasing due to contact with oxygen, fluorine, or other processes. Our cleaning facility is segregated from our main shop and employs air filtration systems to ensure that no unwanted particulate will come in contact with your valve.

Type: All Valves

Valve Assembly

When a valve is beyond economical repair, AVS can supply immediate shipment of a new Anderson Greenwood, Crosby, or Kunkle replacement from our inventory. AVS carries the ASME V and UV Certifications and is authorized by the National Board of Boiler Inspectors (NBBI) to assemble and test safety relief valves on our steam, air, and liquid test stands through our NBBI certified QC Program.

Type: Pressure Relief Valves

Plant Walkdowns

Need to better prepare for upcoming outages or other maintenance? Leave your valve planning to AVS—we can perform a plant walkdown of your site, so you can focus on other maintenance responsibilities. We can identify latent issues, recommend proactive maintenance, prioritize your assets, and detail the availability of spare parts. This will allow you to avoid surprises and continue to operate your plant in a safe manner.

Type: All Valves

Asset Management

Our spares inventory program, coupled with our inventory of new Anderson Greenwood and Crosby safety valves, will assist you in managing your safety valve maintenance activities. When it's time to pull a safety relief valve for service, we will ensure you have a replacement valve at your site ready for installation. An important component of our Asset Management services is a web-based tool that delivers information about your valve assets to you 24/7, including spares inventory, service history, test reports, and work-in-progress status.

Type: Pressure Relief Valves

Atlantic Valve Services offers full testing facilities and other unique capabilities at its Swedesboro, NJ Operations Center:

- O2 Clean Room
- Low Pressure/Vacuum Testing
- Steam, Air, and Liquid Testing (Steam Testing up to 1450psi)
- Online Customer Access to Historical Service/Test Reports
- Customer Spares Management Program
- Engineering and Process Support
- Fully-equipped Trailer for Customer Site Repairs
- Pick-up and Delivery

Our highly skilled technicians provide onsite, emergency and repair services for any type of industrial pressure, pressure relief, or safety valve.

PROCONEX
Emerson Impact Partner

EMERSON

CONTROL ASSOCIATES
Emerson Impact Partner

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