

# Van der Ende Valve Services – Consolidated\* Certified Partner

## Consolidated\* Pressure Relief Valves

### Pressure Relief Solutions

Safety Relief Valves

Safety Valves

Pilot Operated Relief Valves





**An extensive range of safety relief valve, safety valve and pilot operated relief valve styles, sizes, options and configurations for multiple applications, environments and media.**



# CONSOLIDATED SAFETY RELIEF VALVE PRODUCTS

*In compliance with:*

- ASME Section VIII Process Application Standards
- ASME Section I Boiler Application Regulations
- Many other Global and Regional Standards

Safety relief valves often serve as the point-of-protection against potentially dangerous circumstances, so it is important that they are dependable. BH Energy's Consolidated safety relief valves have maintained a reputation for excellence and reliability for more than a century.

The Consolidated product line has demonstrated a number innovative solutions too. Safety relief valve innovations from the product line include the Thermodisc® temperature compensating disc and the first modular pilot-operated valve.

## **A FULL RANGE OF VALVES**

BH provides a full range of Consolidated safety relief valve styles, sizes, options and configurations for multiple industries, applications, environments, and media. From spring-actuated to pilot-operated, each pressure relief valve is configured to offer safer process flow control in harsh environments.

### **APPLICATIONS:**

- Chemical and petrochemical
- Power generation
- MSR – Moisture Steam Re-heater
- Pegging steam/auxiliary steam
- Feed-water heaters – tube side and shell side
- Pumps – recirculation line protection
- Scrubber systems
- Miscellaneous pumps
- Refinery
- Commercial
- Turbine gland steam seal
- De-aerators
- Fuel oil pumps
- Ammonia systems
- Air compressor
- Trim supplied to match the fluid

### **MEETING EVOLVING NEEDS**

BH continues to pursue quality and pro-active approach through regular collaboration with our customers and by staying actively involved in the development of regulatory compliance standards. We configure, engineer, and manufacture safety relief valves that adhere to industry regulations and global and regional standards while helping meet our customers' evolving needs.

# CONSOLIDATED SAFETY VALVE PRODUCTS

*In compliance with ASME Section I Code for Boiler Applications*

Since 1879, BH's Consolidated safety valves have been known for exceptional quality, performance and dependability. Because safety valves play an important role in keeping people and equipment safe, it is important that they are reliable in the most demanding real-world applications. That's why BH works closely with our customers and regulatory organizations to configure, engineer, and manufacture safety valves that can help maintain safer operating conditions in a full range of environments.

## KEY VALVE FEATURES

Our comprehensive portfolio of safety valves can help to run operations smoothly and cost effectively, particularly in steam service environments. Consolidated safety valves feature a unique pop-action release that can relieve steam overpressurization if pressures upstream from the valve reach a set point. What is more, BH's Consolidated safety valves comply with the ASME Section I code for boiler applications. They are built with many features that meet ASME requirements for steam-compressible fluids. For example, all models feature a lifting lever, required by the code for testing, instead of deadweight or weighted levers. Consolidated safety valves can also withstand set pressures up to 103 percent with a blowdown value of 4 percent, or 96 percent of set pressure drop before the valve re-seats.

## A FULL RANGE OF VALVES

With a range of styles, models, options and configurations, Consolidated safety valves work in many different boiler applications.

### APPLICATIONS:

- Economizer
- Superheater main steam line
- Cold re-heater line
- Soot blowers in forced flow steam generators
- High temp hot water generators
- Waste heat recovery boilers
- Drum
- Power actuated relief valve
- Hot re-heater line
- Organic fluid vapor generators
- Electric boilers

# VAN DER ENDE VALVE SERVICES IS THE DUTCH DISTRIBUTOR OF CONSOLIDATED PRODUCTS FOR THE NETHERLANDS

A family business you can count on for 55 years.

## OVERHAUL AND DELIVERY OF CONTROL VALVES, SAFETIES AND VALVES

Van der Ende Valve Services has been a specialist in the overhaul and supply of control valves, safeties and valves for more than half a century.

## VALVES FROM A TO Z

With a team of approximately 35 specialists, we work for a variety of clients in the chemical, petrochemical, offshore, food, paper and pulp and energy sectors. Quality, reliability and service are the pillars of our family business. After all, there is a lot at stake in a turnaround. Clients cannot afford the risk of loss. That is why we are a flexible partner that is available 24/7 for maintenance and service.

## MAINTAINING OUR RELATIONSHIPS

Van der Ende Valve Services not only maintains control valves, safeties and valves - we especially like to maintain relationships. Long-term relationships. That is why we think along with every assignment and we unburden your employees for 100%. We do this, for example, with innovative products and services, such as project management, on-site reliability research, our own cleanroom or the ValvKeep asset management system. From a modern commercial building in Maasdijk, around the corner from the port of Rotterdam, we provide our clients with decisive service.

We look forward to getting in touch with you for all your Consolidated needs.



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