

# Severe Service Answers

Emerson engineering resources. Best-in-class Fisher® technologies.



Severe Service



## Severe Service Answers

### Hydrocarbon Applications

Water Injection  
Hot High Pressure Separator Letdown  
Cold High Pressure Separator Letdown  
Compressor Surge Control  
Rich Amine Letdown  
Amine Pump Recirculation  
Cold High Pressure Separator Sour Water Letdown  
Expander Bypass Valve  
Continuous Catalyst Regeneration

### Power Applications

Feedwater Pump Recirculation  
Feedwater Startup  
Superheater Bypass  
Feedwater Regulator  
Condensate Pump Recirculation  
Deaerator Level Control  
Reheat Attenuator Spray  
Sky Vent  
Sootblower  
Heater Drains  
Superheater Attenuator Spray  
Deaerator Pegging  
Turbine Bypass

If you want answers for your severe service applications, there's only one automation supplier to choose. Emerson offers application experience, reliable Fisher® technology and responsive service. So you can get the right valve for the right application. Partner with Emerson and you will be respected for your choice.

### Application Help

Emerson sales engineers know how to identify and analyze severe service application needs. They can help specify the right control valve for applications ranging from boiler feedwater control to compressor surge protection. They consult with the Fisher Severe Service Group about your application.

Fisher engineers spend more time studying noise, cavitation, sizing and actuation than anyone else. They are able to design a control valve specifically for your application.

### Leading Technology

Your application is too important, too critical, not to have the best technology on your side. You can expect unbeatable performance and reliable operation from Fisher technologies. Technologies that are easy to use, yet highly engineered to help make your process safer and more efficient. For example, the Fisher FIELDVUE™ digital valve controller with Performance Diagnostics can monitor the performance level of your critical valve while the valve is still in service.

We rigorously test Fisher products to ensure maximum cycle life, reliable performance at process extremes and accurate control valve sizing. We also scrutinize each component of a control valve and the control valve assembly as a system on their ability to ensure optimal control response, minimize noise generation and maximize capacity.

Emerson's Fisher research and engineering labs in North America, Europe and Asia are open for tours on a pre-arranged basis. Inquire with your Emerson sales contact. Or download a free Fisher research and engineering brochure from [www.FisherSevereService.com](http://www.FisherSevereService.com)



### Top Engineers

*Fisher engineers are some of the most experienced people in the business. In the last ten years, they've obtained over 150 unique patents, worldwide. Many Fisher engineers have earned their Ph.D. or M.S. degree in their field of engineering and are active participants in the development of international industry standards.*

### Special Valves

*One size does not fit all. Our engineers know how to apply Fisher noise attenuation and anti-cavitation technologies to each application. Or for a truly unique application, we can design and build a special Fisher valve and actuator for you.*



## Service

Emerson sales engineers are just as available after the sale as before it. When you use them as a single source, they can save you money by retaining documents and scheduling service.

Emerson sales engineers can provide you with product documentation and “as-built” details for each valve. Each and every Fisher control valve built has a serial card kept on file for future reference, which means you can keep your Fisher valve in its “as built” condition.

They can work with Emerson’s Instrument and Valve Services to ensure proper valve installation and commissioning services (e.g., installation and use of blowdown trim; calibration of actuator/instrument; and proper valve reassembly.) These services free up maintenance personnel for other activities, while proving to be timesaving and cost-effective.

## Take Us Along On Your Next Project

You can reduce potential risks to your project timeline and budget by allowing Emerson to help plan your automation investments. We will see to it that you get the technology you need to assure efficient operations. Emerson is a financially strong, globally-experienced organization with sales representation and manufacturing worldwide.

## The Next Step

If you are interested in an on-site severe service seminar, call an Emerson sales engineer near you. For his/her number, visit [www.FisherSevereService.com](http://www.FisherSevereService.com)

## Reputation

*Emerson has more experience than any other automation supplier in deploying digital plant technologies, with over 1 million Fisher FIELDVUE instruments in use around the world.*



## One Call

*Emerson is there for you to make sure your Fisher valve stays right. You can purchase an ongoing diagnostic agreement, assuring that your critical valve performs at its optimum. This plan includes one annual preventative maintenance servicing.*






*Emerson offers application experience, reliable Fisher technology and responsive service. View application-specific case histories and customer testimonials at [www.FisherSevereService.com](http://www.FisherSevereService.com)*

 <http://www.Facebook.com/FisherValves>

 <http://www.YouTube.com/user/FisherControlValve>

 <http://www.Twitter.com/FisherValves>

 <http://www.Linkedin.com/groups/Fisher-3941826>

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