



# *An Overview of Mechanically Sealed Pumps*

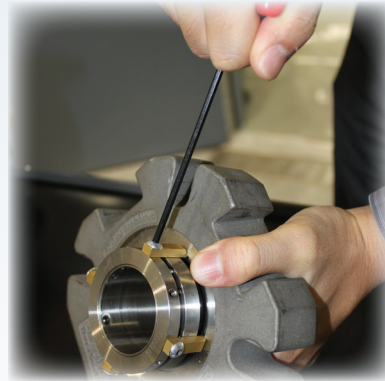


## *Educational Services*

*Flowserve is pleased to announce:  
An Overview of Mechanically Sealed Pumps*

*Don't miss this practical training seminar hosted by the industry's leading training experts.*

- Discussions on centrifugal pump components and their failure modes
- A review of mechanical seal principles and their functions
- An overview of operating practices to ensure safe and reliable operation
- Demonstrations using a Flowserve unique clear acrylic pump to view cavitation and the effects of off-peak operation
- Discussions on pump and seal failures with hands-on review of failed components



### *Who should attend:*

- Plant operators
- Maintenance personnel
- Reliability specialists and engineers
- Plant engineers

### *Register online now.*

- The cost for the two-day event is \$495.

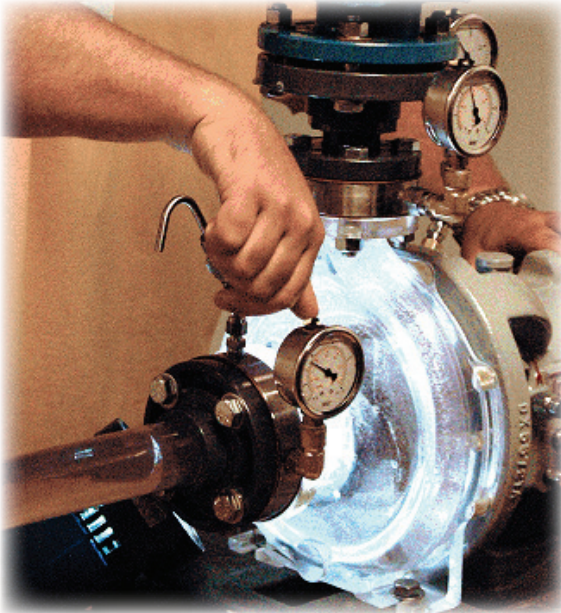
### *Registration includes:*

- Attendance to the two-day seminar
- Course material book
- Lunch on both days

### *To learn more, visit:*

- [www.pumptraining.com](http://www.pumptraining.com) or [mesg@flowserve.com](mailto:mesg@flowserve.com)

© 2016 Flowserve Corporation



## **Seminar Schedule**

<b>Day 1: Centrifugal Pump Basics</b>	
8 a.m. – 4 p.m.	Centrifugal Pump Components
	Reading Pump Curves
	Cavitation and Cavitation Demonstrations
	Best Operating Practices

<b>Day 2: The What and Why of Mechanical Seals</b>	
8 a.m. – 4 p.m.	Basics of Seal Principles
	Seal Failure Mechanisms
	Seal Piping Plans
	Seal Installation Best Practices

### **Welcome to Flowserve Educational Services**

Flowserve Educational Services provides companies around the world with a wide range of innovative programs focused on helping plant operators, reliability engineers and maintenance personnel deepen their understanding of pumping systems. Training programs from Flowserve are ideal for organizations aiming to achieve:

- Maximized plant asset availability and equipment reliability
- Increased mean time between repair (MTBR)
- Workforce development for increasing proficiency in the installation, maintenance, and repair of pumping equipment and systems

