

Plant Performance Learning Services



Workshop Objectives:

- Learn to operate your pump system safely and efficiently, to its fullest potential
- Learn to reduce operator errors and therefore minimize disruption and downtime
- Learn to recognize early warning signs of system failure
- Learn about factors of reliability, troubleshooting and root cause failure analysis

What's Included:

- A high energy, interactive experience to learn about reliable pump operation
- Expert facilitators with 30+ years' experience
- State-of-the-art training materials, animations and multimedia presentations
- Interactive, hands-on use of our Pump System Simulator with transparent piping to see flow patterns
- Lunch time roundtable discussion with trainers
- Networking Opportunities
- 1.5 Continuing Education Units

Fundamentals of Reliable Pump Operation Training – Two Days

Who Should Attend?

This two-day workshop is designed for operators, maintenance technicians, or anyone interested in learning how to safely and reliably operate centrifugal pump equipment.

What you will learn:

Participants will learn correct operational procedures and preventive maintenance techniques to extend their pump system's life span and reduce life cycle costs. Topics include the following:

- Pump Fundamentals & Basic Hydraulics Review
- Life Cycle Costs
- System Approach
- Factors of Pump Reliability
- Pump Operation Safety
- Procedures for Pump Operation
- Normal Operation
- Other Modes of Operation
- Coupling Considerations
- Caring for Pump Shaft Seals
- Bearing Design and Application
- Pump Selection Considerations
- Troubleshooting
- Fundamentals of Condition Monitoring and Root Cause Failure Analysis

Prerequisites:

- Pump Fundamentals
- Basic Hydraulics for Centrifugal Pump Systems

For Information:

- Open training classes, visit www.ittps.com/learning.html or call 315-568-7548 (Note: Open classes include breakfast and lunch. Company group discount of 30% is awarded for 3 or more registrants.)
- Private or tailored offerings, call 800-734-7867
- ITT's Plant Performance Services, visit www.ittps.com

