



Maintenance and Operation of Centrifugal Slurry Pumps

Optimize performance, reduce downtime, improve safety and lower operating costs.

May 14-16 or September 17-19, 2024, GIW Industries, Grovetown, Georgia

Scope:

Maintenance and Operation of Centrifugal Slurry Pumps offers a unique opportunity to gain insight into slurry pump maintenance and operation. Relevant classroom sessions combined with practical hands-on demonstrations allow participants to immediately apply what they are learning. Time will be spent each day on troubleshooting and cost saving techniques as well as an emphasis on safety.

Demonstrations will be held at GIW Hydraulic Lab in Grovetown, GA, USA. Hands-on sessions including wet end and mechanical maintenance will utilize full size pumps. Pipeline operational demonstrations are also included.

Objective:

To provide an understanding of how proper slurry pump maintenance and operations can increase the reliability and efficiency of your entire process.

Who Should Attend:

This course is intended for front line supervisors, team leads, reliability engineers, and personnel who are directly involved in the maintenance or operation of slurry pumping systems.

CLASSROOM SESSIONS

- Slurry Pump Construction
- Maintenance Tips
- Wear and Erosion
- Materials Selection
- Shaft Seals & Bearings
- Impeller Mounting & Removal
- Cavitation
- Vibration
- Troubleshooting

HANDS ON SESSIONS

- Wet End Maintenance and Assembly
- Mechanical End Maintenance and Assembly
- Stuffing Box Maintenance

DEMONSTRATIONS

- Clear pipe loop with simulated slurry
- Water hammer pumping loop
- Slurry pump cavitation
- Optional tours of GIW Hydraulic Lab and manufacturing

Registration Deadline and Fees

Course fees includes all lectures, breakfast, lunches, and a training manual.

Early Registration (Payment Received by March 15th or July 15th) Fee \$ 1,950.

Late Registration (after Marh 15th or July 15th) \$2,150.

Multiple Attendee Discount - Companies Registering 2 or more employees will receive a 10% discount per employee.

*Note: Early registration limited to 4 persons per company.

Accommodations:

A block of rooms is reserved at the Home2Suites (903 Husk Box Way, Grovetown, GA 30813). Call 706-251-9100 to make your reservation. Hotel reservations must be made 10 days prior to the course start date. While staying at the suggested hotel is not required, all classroom sessions will be held at this hotel. Attendees will be transported from the hotel to GIW and back each day.

Airports:

Local Airport Augusta Bush Field (AGS). 30 minute drive from the hotel.

Atlanta International Airport (ATL) 2 1/2 hour drive from the hotel.

Ground Transportation:

ATL - Groome Transportation provides shuttles from the Atlanta airport to Augusta www.groometransportation.com.

Dress Code:

Casual attire is recommended (jeans / work pants). Safety shoes are required. All other safety equipment will be provided.

General:

Registrations must be approved by GIW before acceptance. GIW reserves the right to limit attendance or to cancel the course and refund registration fees. Course begins Tuesday at 7:30am with breakfast at the hotel conference center and ends at 5:00pm on Thursday. Please make your travel arrangements accordingly.

Enrollment Options:

Registration forms can be obtained [here](#) or by emailing jennifer.belgin@ksb.com

Cancellation:

Cancellations made after the early registration deadline will result in NO REFUND. A substitute may be enrolled any time prior to the start of the course.



Table top demonstrations of pump and pipeline flow.



Lab demonstrations include pump disassembly, reassembly, maintenance, and troubleshooting.



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GIW® Slurry Pumps