

3-DAYS of HANDS-ON TRAINING



PRECISION MAINTENANCE **SKILLS 3**

PUMP HYDRAULICS, MECHANICAL SEALS, TROUBLESHOOTING & OPERATIONS/INSTALLATION

DECATUR, AL | DECEMBER 15-18

COURSE DESCRIPTION: Pump Hydraulics & Mechanical Seals- Troubleshooting and Operations / Installation:

In this 3-Day Course, you'll learn how to operate & troubleshoot pumps! Even more important, you will understand how they should run trouble free for 100,000 hours (instead of the 10,000 to 30,000). You will use training aids, such as a cut-away pump, real pump parts, seals, and real casings & impellers.

TOPICS: The course is designed for operation and maintenance people where they are given many different operating and troubleshooting scenarios, both correct and incorrect, including these subjects:

- Opening and closing various valves to create real life in field and plant conditions
 - Troubleshooting & corrections to operate pumps on their pump curve
 - De-"mystifying" Pump Curves so the average mechanic/supervisor can troubleshoot
 - Proper starting and stopping procedures with proper flows
 - Troubleshoot and correct common field problems that most people "guess wrong"
 - Packing, sealing, and gland water issues corrected
 - Vibration issues understood and solved
 - Water hammer issues
 - Other common pump problems and solutions
 - Vital Rebuild/Repair Techniques and "watch for's"
 - Upon completion of this course, participants will know how to operate & troubleshoot pumps
- Certificate issued upon course completion*

RECOMMENDED AUDIENCE: Maintenance and Construction Craftsmen, Apprentices, Front-line Supervisors, Project & Reliability Engineers, Maintenance Managers, & Superintendents, Operations Personnel and significant others implementing plant reliability improvement.

***No prerequisite required;** Hendrix trainings have been strategically designed allowing participants to take in any order

LOCATION The MAGNOLIA ROOM
216 MOULTON ST E
DECATUR, AL 35601

DATES/TIME DECEMBER 15-18 (Mon-Weds)
7:30AM- 4:30PM (CST)

COST \$ 2,495.00/per seat

*Breakfast & Lunch provided daily

REGISTER / QUESTIONS CONTACT:

BETH DESIMONE
Hendrix Training Coordinator
(978) 609-2401
bdesimone@hendrixpm.com



www.PrecisionMaintenance.com