

PUMP HYDRAULICS/MECHANICAL SEALS



Pump Troubleshooting/ Operations & Installation

COURSE DESCRIPTION

16 Hours/No Prerequisite

Essential pump maintenance and troubleshooting techniques. By applying precision maintenance techniques you can expect pumps and seals to run trouble free without the replacement of expensive mechanical seals or bearings.

Upon completion of this course, participants will know how to operate and troubleshoot pumps. Using hands-on training aids, students will be walked through the fine details of proper (and precise) pump rebuilds, repairs, impeller adjustments, bearings, packings, and mechanical seals.

RECOMMENDED AUDIENCE: Millwrights, Mechanics, Supervisors, Operators, Planners, Reliability Engineers, and Managers



TOPICS COVERED

- Opening & closing various valves to create real life field and plant conditions
- Troubleshooting & corrections to operate pumps on their curve
- “De-mystifying” Pump curves so mechanics can troubleshoot
- Proper starting & stopping procedures w/ proper flows
- Troubleshoot & correct common field problems that most people “guess wrong”
- Packing, sealing & gland water issues corrected

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