Basic of Pump & Hydraulic Maintenance

TM206

Course Overview:

Pumps and hydraulic system find extensive use in power plants, A/C and heating systems, and many other applications. Keeping these machines running with least troubles and shutdown decreases the downtime of the whole system.

Course Objective:

-Familiarize the Attendees with different types of pumps
-Learn the appropriate operation methods. By learning the operation limits of the
-machine
-Upgrading the knowledge of problems and solutions
-Learn the importance and methods of lubrication
-Explain the basic principles of hydraulic system operation
-Identify the basic components of a typical hydraulic system
-Describe the general operation and maintenance of a typical hydraulic system
-pump and hydraulic maintenance

Course Outline:

1. INTRODUCTION TO PUMPS AND HYDRAULIC SYSTEM2. PUMPS CLASSIFICATION4. MAIN PARTS OF PUMP AND FUNCTION OF EACH PART5. PRINCIPLES OF HYDRAULIC SYSTEMS6. BASIC COMPONENTS OF A TYPICAL HYDRAULIC SYSTEM7. FUNCTION OF EACH COMPONENT OF A TYPICAL HYDRAULIC SYSTEM.5. OPERATIONAL PERFORMANCE OF PUMPS and HYDRAULIC SYSTEM6. MAINTENANCE AND TROUBLESHOOTING

Who Should Attend:

Mechanical, Operation, Production, and Maintenance Engineers should benefit fromthis course. Also Technicians should update and refresh their knowledge by attendingthis course.

Training Language:

EN / AR

Training Methodology:

-Presentation & Slides
-Audio Visual Aids
-Interactive Discussion
-Participatory Exercise
-Action Learning
-Class Activities
-Case Studies
-Workshops
-Simulation