

CENTRIFUGAL PUMP WITH STUFFING BOX LEARNING SYSTEM

95-PM1-H



The Centrifugal Pump with Stuffing Box Learning System (95-PM1-H) covers a pump design that, in spite of the modern mechanical seal, remains widely used in industry due to its cost-effectiveness and ability to avoid catastrophic failure. This feature makes it an ideal design for fire departments in fire pump applications. The 95-PM1-H explains the installation, function, and maintenance of a centrifugal pump with a stuffing box.

Additional topics include: how to troubleshoot this pump design; what the flow/pressure characteristics of a centrifugal pump are; and how to startup and operate a centrifugal pump with a stuffing box.

The 95-PM1-H includes a cast iron-housed centrifugal pump with stuffing box and a piping network that features a pressure line, suction line, and pressure gauge hose. These components allow learners to practice skills on an industrial-grade centrifugal pump that they may work with at real-world job sites. This commitment to providing learners with the most realistic and applicable training available is one example of how Amatrol is transforming the global workforce one life at a time.

CURRICULUM IS THE KEY TO LEARNING

Learning Topics:

- Installation
- Operation
- Maintenance
- Troubleshooting
- Startup
- Flow/Pressure Characteristics
- Disassembly
- Inspection

TECHNICAL DATA

Centrifugal Pump with Packed Seal

- Stuffing box
- Cast iron housing
- Cast iron impeller design
- Stainless steel shaft
- Lovejoy coupling
- 13 gpm @ 8 ft head, 1725 rpm, maximum 16 ft.

Piping Network

- Pressure line
- Suction line
- Pressure gauge hose

Student Curriculum (B18620)

Additional Requirements:

- See <http://www.amatrol.com/support/computer-requirements>
- (950-PM1) Centrifugal Pump Learning System

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