Piston Pump Training | Pump Maintenance and Troubleshooting

Learning System: 95-PM1-E

The Piston Pump Learning System (95-PM1-E) provides learners with an in-depth overview of the piston pump, which has been in use longer than any other type of pump. The piston pump produces high pressure fluid flow of water, soaps and detergents in various applications within the aerospace, marine, agriculture, and auto industries. Within the world-class curriculum, learners will study piston pump set-up, operation, flow/pressure characteristics, maintenance, and troubleshooting for this highly efficient pump. Learners will also study how to connect the pump to a motor, how to adjust the flow rate, and how to calculate theoretical and actual flow rates.

Piston Pump

Piston Pump Training
This piston pump maintenance trainer consists of a piston pump with cast iron housing, twin piston design, and torque arm mounting, a relief valve, and a piping network. This industrial-grade equipment is an example of Amatrol's commitment to providing top-notch components and curriculum that allows learners to gain both a theoretical background and hands-on practice in their chosen course.

After completing the piston pumps training system curriculum, learners can expand their education to pumps like the gear pump (95-PM1-F) and the magnetic pump (95-PM1-G). Gear pumps transfer fluids under pressure and are used in hydraulic systems, pressure washing, and liquid re-circulation. Magnetic pumps use a magnetic coupling between the drive shaft and the impeller wheel that prevents fluid from coming into contact with the working parts of the pump.

eBook Curriculum

Optional Online eBooks
As an online option to the Learning Activity Packets (LAPs) Amatrol's eBooks look like a real book and allow users to flip between pages of this piston pump training course with ease. Enhanced with features, such as keyword searches and zoom controls, that enable a user to quickly locate and view information make these eBooks a great learning tool. Available online through Amatrol's Learning Management System (LMS), this comprehensive curriculum advances learners' understanding of concepts at the click of a button. High quality graphics paired with hands-on, applied skills keep learners focused and engaged in their work. Amatrol's eBooks allow courses to be taken completely online anywhere with an internet connection!

Additional Info

Requires Base System:

- Centrifugal Pump Learning System (950-PM1)

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