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Piston Pump Systems Training | eBook Curriculum

40 (40-41 of 55) (106%) Skill PDF

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Objective 1: Define centrifugal pump cavitation and explain its importance

Objective 2: Describe how to detect cavitation

Skill 1: Detect centrifugal pump cavitation

Segment 2: PSEUDO-CAVITATION

Objective 3: Define pseudo-cavitation and explain its importance

Objective 4: Describe how to detect pseudo-cavitation

Skill 2: Detect centrifugal pump pseudo-cavitation

Segment 3: CENTRIFUGAL PUMP MAINTENANCE

Objective 5: Describe nine maintenance steps for a centrifugal pump

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Skill 3: Troubleshoot a centrifugal pump

Objective 8: Describe how to disassemble and inspect a centrifugal pump with a mechanical seal

Skill 4: Disassemble and inspect a centrifugal pump with a mechanical seal

Appendices

Appendix A: Vapor or Pressure of Water

Appendix B: Altitude Conversion Table

Appendix C: Friction Loss for Schedule Steel Pipe

B. Disconnect the centrifugal pump from the piping system by unscrewing the two unions shown in figure 11.

C. Use a Phillips screwdriver to unlock the piping that remains attached to the pump. This is also shown in figure 11.

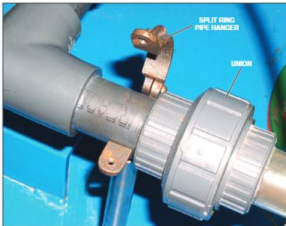


Figure 11. Unlock the Piping

D. Disconnect any pressure gauge lines attached to the piping.

CAUTION

You may do disassembly work on the trainer. Be careful not to damage the piping system.

5. Observe the cross-sectional view of the frame-mounted centrifugal pump. Use this as a guide when disassembling and reassembling the pump.

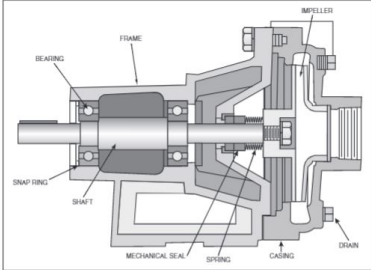


Figure 12. Cross-sectional View

WARNING

There will be some water still contained in the pump. Do not disassemble near electrical connections or outlets.

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Warning: foreach() argument must be of type array|object, null given in </var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php> on line



Requires:

- Computer (see [Computer Requirements](#))

Options:

- Piston Pump Learning System (95-PM1E)

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