

Please read the Installation, Operation, and Maintenance Manual for your pump before installing, operating, or performing maintenance on the pump or its related equipment. The following are some general safety guidelines for the care and maintenance of your pump.

- Overheated pumps can cause severe burns and injury. If overheating of the pump casing occurs: Stop the pump immediately, Allow the pump to cool to air temperature, Slowly and cautiously vent the pump at the drain plug, and Refer to the Installation, Operation, and Maintenance Manual before restarting.
- Do not operate the pump without all guards and shields in place.
- Cautiously approach any pump that has been in operation.
- Pump only liquids for which the pump was designed.
- Do not pump flammable or corrosive liquids unless the pump and piping are designed for such.
- Operating the pump with suction and/or discharge closed is one cause of severe overheating.
- Note the direction of rotation – operating the pump in the wrong direction may cause the impeller to unscrew and damage the pump casing or other pump parts.
- Locate the pump in an accessible location, as close as safely possible to the liquid being pumped.
- Secure the pump so that it cannot move after it is in its operating position.
- Check all lubricants before installation and operation per OEM maintenance programs.
- When lifting pumps, use only lifting equipment in good repair with adequate capacity.
- Never operate a self-priming pump unless the pump casing is filled with liquid. Doing so may damage the pump. The pump will not prime unless the pump casing is filled with fluid.
- Do not remove the cover plate, fill port cap, gauge port plug, or drain plug from an overheated pump. Allow pump to cool to air temperature. Check pump temperature before removing the cover plate, fill port cap, gauge port plug, or drain plug.
- Do not operate the pump against a closed valve.
- Check the suction strainer regularly to be sure that it is not clogged.
- Never operate pumps in explosive or volatile atmospheres unless they are designed to be operated in these environments.
- Check the pump thoroughly upon delivery for any shipping damage.
- Never wear loose clothing around machinery.
- Always read and keep the Installation, Operation, and Maintenance Manual for your pump.
- When overhauling pumps, never remove or cover warning tags and labels.
- Be sure that only experienced personnel operate machinery.
- Before working on pumps with electric motors and panels, LOCK control panel in the OFF position:
 - If the control panel cannot be locked: Pull the main fuse or circuit breaker
 - Remove all V-belts
 - Disengage drive coupling
 - Drain pump entirely of water before freezing weather
 - Do not work in underground pump systems alone and without adequate ventilation.