

EMPLOYEE TRAINING RECORD

TRAINING TITLE Electric Pumps

KEY TEACHING POINTS

- Visually inspect all components for shipping damage. If any shipping damage is found, notify the carrier at once.
- In setting up systems to fit your operations, care must be taken to select the proper components and design to insure appropriate integration with our operations and existing equipment and that all safety measures have been taken to avoid the risk of personal injury and property damage from your application or system.
- Pump overload protection may be set by the manufacturer. Adjustment by other than qualified personnel may cause malfunction and/or damage to component parts of the system.

ELECTRIC.

- Have only qualified personnel check motor nameplate against power availability to prevent motor burnout or dangerous electrical overloading.
- Keep electric extension cord length to a minimum and sizes to electric code. Do not use standard electrical equipment in an explosive atmosphere. Use grounded receptacle.
- Adhere to all applicable local and national electrical codes.

HYDRAULIC.

- Check hydraulic oil level in reservoir to prevent pump failure.
- Start pump with directional valve in neutral position to prevent accidental lifting or moving of load.
- Do not exceed capacity of equipment attached to the pump. Use a gauge in line and do not exceed pressure rating at lowest capacity pressurized component in the system.
- Use only hydraulic oil recommended by the manufacturer for the specific pump. Do not overfill or add oil with hydraulic cylinders advanced.

POWER UNIT SERVICING (ELECTRIC MOTOR).

- Out of Service Protection.
 - Wipe entire unit to remove all dirt, etc.
 - Provide a suitable cover over the entire unit.
 - Make sure all electrical connections are disconnected to prevent accidental starting.
 - Prime (if needed) in accordance with manufacturer's recommendations.
- Temperature Protection.
 - See that nothing obstructs air flow around the motor and pump.
 - Keep motor clean (internal and external) for maximum cooling.
 - In areas of high temperature, it may be necessary to provide additional cooling. Install only authorized heat exchangers, etc. designed for the unit by the manufacturer.

TEST

QUESTION	ANSWERS	
	TRUE	FALSE
1 Make sure all electrical connections are disconnected to prevent accidental starting.		
2 Adhere to all applicable local and national electrical codes.		
3 See that nothing obstructs air flow around the motor and pump.		
4 Visually inspect all components for shipping damage.		
5 Keep electric extension cord length to a minimum and sizes to electric code.		
EMPLOYEE'S NAME	EMPLOYEE'S SIGNATURE	DATE
INSTRUCTOR'S NAME	INSTRUCTOR'S SIGNATURE	DATE