

Title of Training	ELECTRICAL SUBMERSIBLE ELECTRIC PUMP	
Equipment Info.		
Date of Training		Instructor:

ELECTRIC SUBMERSIBLE PUMP



SAFETY INSTRUCTIONS

- ALWAYS LIFT THE PUMP BY THE HANDLE, NOT BY THE POWER CORD.
- NEVER LET EXTENSION CORDS OR PLUG CONNECTIONS LAY IN WATER.
- NEVER USE POWER CORDS OR EXTENSION CORDS WITH CUT, FRAYED, OR BRITTLE INSULATION.
- INSPECT POWER CORD FOR KNICKS IN THE INSULATION AND FOR GOOD CONNECTIONS TO THE MOTOR AND GROUND FAULT CIRCUIT INTERRUPTER PLUG.
- NEVER HANDLE ENERGIZED POWER CORDS WITH WET HANDS.
- NEVER USE THIS PUMP IN A POSSIBLE EXPLOSIVE ATMOSPHERE.

OPERATING INSTRUCTIONS

- MAKE CERTAIN THAT THE POWER SOURCE VOLTAGE IS THE SAME AS THE RATED VOLTAGE OF THE MOTOR. 110V MOTORS CAN BURN OUT WHEN THE LINE VOLTAGE FALLS 10% BELOW THE VOLTAGE RATING OF THE PUMP MOTOR.
- ALWAYS USE A GROUNDED 3 WIRE EXTENSION CORD AND MAKE CERTAIN THAT THE PUMP MOTOR IS CONNECTED TO A GROUND FAULT CIRCUIT INTERRUPTER TO PROTECT THE OPERATOR FROM POSSIBLE ELECTRIC SHOCK.
- PLACE THE PUMP ON A FLAT SOLID SURFACE IF POSSIBLE, IF NOT, LIFT OR SUSPEND THE PUMP ABOVE THE BOTTOM SURFACE USING THE HANDLE. CAUTION: DO NOT USE THE POWER CORD TO SUSPEND THE PUMP. ALWAYS ATTACH A SUSPENSION CORD TO THE LIFTING HANDLE. IF THE PUMP CAN NOT BE PLACED ON SOLID SURFACE OR SUSPENDED THE PUMP MUST BE PLACED ON A GRAVEL BASE OR PUT IN A BUCKET TO PREVENT FROM BEING SUCKED INTO MUD.
- USE A HOSE LENGTH THAT IS AS SHORT AS POSSIBLE AND FREE FROM KINKS THAT MAY REDUCE PUMP DISCHARGE FLOW.
- MAKE CERTAIN THAT THE POWER PLUG AND/OR RECEPTACLE IS PROTECTED AND AWAY FROM WATER OR HOSE DISCHARGE TO PREVENT ACCIDENTAL SHOCK OR ELECTRICAL SHORTCIRCUITING.
- THESE PUMPS HAVE A BUILT-IN OVERLOAD PROTECTION SWITCH THAT SENSES OVER CURRENT OVER HEATING, OR OVERLOAD CONDITIONS. IF ANY OF THESE CONDITIONS EXIST THE SWITCH DISCONNECTS THE

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POWER SUPPLY FROM THE PUMP MOTOR UNTIL THE MOTOR COOLS TO A NORMAL OPERATING TEMPERATURE. AFTER COOLING HAS TAKEN PLACE, THE PUMP WILL AUTOMATICALLY RE-START AND CONTINUE TO BE PROTECTED BY THE SWITCH,

- TO KEEP THE PUMP IN GOOD CONDITION AND MAINTAIN HIGH PUMPING EFFICIENCY, CLEAN OUT ANY SOLIDS, MUD OR SAND WHICH MAY HAVE COLLECTED IN THE PUMP CASING OR STRAINER AFTER EACH USE.
- WHEN YOU ARE DONE USING THE PUMP REMEMBER TO ROLL UP THE CORD AND SUSPENSION ROPE AND USE A CABLE TIE TO KEEP IT TOGETHER. PROPERLY STORE IT AWAY AND ELIMINATE A TRIP HAZARD.

*This Safety Training Topic (STT) does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with **equipment manual**. It is designed as a guide to be used to compliment training in the field at Brieser Construction and as a reminder to users prior to equipment use.*

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EMPLOYEE NAME (Print or Type)	EMPLOYEE SIGNATURE	TRADE	JOB TITLE
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