

Title of Training	GAS POWERED WATER PUMP SAFETY		
Equipment Info.	Make/Type/Size/Model	GAS POWER WATER PUMP	
Material Needed	Operators Manual		
	Open area to perform set up, Starting & Shutdown Process	Demarcate area around compressor	

## GAS POWERED WATER PUMPS

### SAFETY INFORMATION

THESE PUMPS ARE INTENDED FOR REMOVING CLEAN WATER AND WATER CONTAINING SOME DEBRIS AND SOLIDS. THE ENGINE REQUIRES REGULAR GRADE UNLEADED GASOLINE. USE ONLY FRESH, CLEAN GASOLINE. GASOLINE CONTAINING WATER OR DIRT WILL DAMAGE THE FUEL SYSTEM. FAMILIARITY AND PROPER TRAINING ARE REQUIRED FOR THE SAFE OPERATION OF THIS EQUIPMENT.

### BEFORE STARTING

- PLACE THE PUMP AS NEAR TO WATER AS POSSIBLE, ON A FIRM, FLAT, LEVEL SURFACE.
- CHECK OIL LEVEL, IF ENGINE OIL IS NEEDED USE SAE 10 W 30.
- TO PRIME PUMP, REMOVE THE PRIME PLUG AND FILL THE PUMP CASE WITH WATER. IF THE PUMP CASE IS NOT FILLED WITH WATER BEFORE STARTING, IT WILL NOT BEGIN PUMPING.
- CHECK FOR LEAKS BETWEEN PUMP AND THE ENGINE. IF WATER IS LEAKING, THE SEAL INSIDE THE PUMP IS WORN OR DAMAGED. CONTINUED OPERATION MAY CAUSE WATER DAMAGE TO THE ENGINE,
- CHECK THAT HOSES ARE SECURELY ATTACHED TO THE PUMP. THE SUCTION HOSE MUST NOT HAVE ANY AIR LEAKS. TIGHTEN HOSE CLAMPS AND COUPLINGS. CHECK THAT THE DISCHARGE HOSE IS NOT RESTRICTED. LAY THE HOSE OUT AS STRAIGHT AS POSSIBLE. REMOVE ANY TWISTS OR SHARP BENDS FROM THE HOSE, WHICH MAY BLOCK THE FLOW OF WATER.
- MAKE SURE SUCTION STRAINER IS CLEAN AND SECURELY ATTACHED TO THE END OF THE HOSE. THE STRAINER IS DESIGNED TO PROTECT THE PUMP BY PREVENTING LARGE OBJECTS FROM BEING PULLED INTO THE PUMP. CAUTION: STRAINER SHOULD BE POSITIONED SO IT WILL REMAIN COMPLETELY UNDER WATER. RUNNING THE PUMP WITH THE STRAINER ABOVE THE WATER LINE FOR LONG PERIODS CAN DAMAGE THE PUMP.

Trainee Name (print)		Signature of Trainee	
Instructor Name		Date of Training	
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- CHECK FUEL LEVEL, ENGINE OIL LEVEL AND CONDITION OF AIR CLEANER.

## TO START

- 1) OPEN THE FUEI VALVE BY MOVING THE LEVER TO OPEN POSITION. NOTE: fly THE ENGINE IS COLD, MOVE THE CHOKE LEVER TO THE CTOSE POSITION. IF ENGINE IS HOT, SET THE CHOKE TO OPEN POSITION.
- 2) TURN ENGINE SWITCH TO THE ON POSITION.
- 3) OPEN THE THROTTLE BY MOVING IT SLIGHTLY TO THE LEFT.
- 4) PULL THE STARTER ROPE. NOTE: IF THE OIL LEVEL IN THE ENGINE IS LOW, THE ENGINE WILL NOT START. IF THIS HAPPENS, ADD OIL TO ENGINE.
- 5) OPEN CHOKE AS THE ENGINE WARI\4S UP.
- 6) OPEN THROTTLE FULLY TO OPERATE THE PUMP.

## TO STOP

- 1) REDUCE ENGINE RPM TO IDLE BY MOVING THE THROTTLE COMPLETELY TO THE RIGHT.
- 2) TURN THE ENGINE SWITCH TO THE OFF POSITION.
- 3) CLOSE THE FUEL VALVE BY MOVING THE LEVER TO THE CTOSE POSITION.

## OPERATION

PUMP SHOULD BEGIN PUMPING WATER WITHIN A MINUTE DEPENDING ON THE LENGTH OF THE SUCTION HOSE AND HEIGHT OF THE PUMP ABOVE THE WATER. LONGER HOSES WILL REQUIRE MORE TIME.

IF THE PUMP DOES NOT PRIME, CHECK FOR LOOSE FITTINGS OR AIR LEAK IN SUCTION HOSE. MAKE SURE STRAINER IN WATER IS NOT BLOCKED.

RUN ENGINE AT FULL SPEED WHILE OPERATING PUMP

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## WARNINGS

NEVER PUMP HOT, VOLATILE, FLAMMABLE OR LOW FLASH POINT FLUIDS. THESE FLUIDS COULD IGNITE OR EXPLODE.

NEVER PUMP CORROSIVE CHEMICALS OR WATER CONTAINING TOXIC SUBSTANCES. THESE FLUIDS COULD CREATE SERIOUS HEALTH AND ENVIRONMENTAL HAZARDS.

NEVER OPEN PRIMING PLUG, DISCHARGE PLUG, OR COVER WHEN THE PUMP IS HOT, NEVER LOOSEN OR REMOVE INLET OR DISCHARGE HOSE FITTINGS WHEN THE PUMP IS HOT. HOT WATER AND/OR STEAM INSIDE COULD BE PRESSURIZED MUCH LIKE A RADIATOR ON AN AUTOMOBILE. ALLOW PUMP TO COOL TO THE TOUCH BEFORE LOOSENING PLUG AND BEFORE LOOSENING OR REMOVING INLET OR DISCHARGE HOSE FITTINGS. NEVER OPEN PUMP HOUSING COVER WHILE THE PUMP IS OPERATING OR START PUMP WITH THE COVER OFF. THE ROTATING IMPELLER INSIDE THE PUMP CAN CUT OR SEVER OBJECTS CAUGHT IN IT.

***Note: This STT does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references (Owner's Manual & Brieser Safety Manual). It is designed as a guide to be used to compliment training 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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