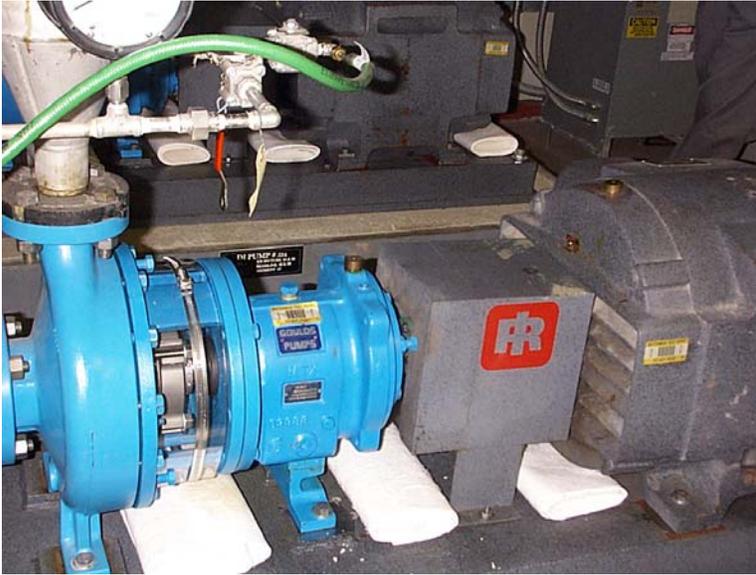


LOCKING OUT A SECONDARY PUMP SYSTEM FOR SERVICE

Identify the secondary pump to be locked out.



Secondary pump local disconnect.



Typical label on local disconnect.

In this case it indicates that you must lockout P-533 at MCC-X1-9.



MCC-X1-9



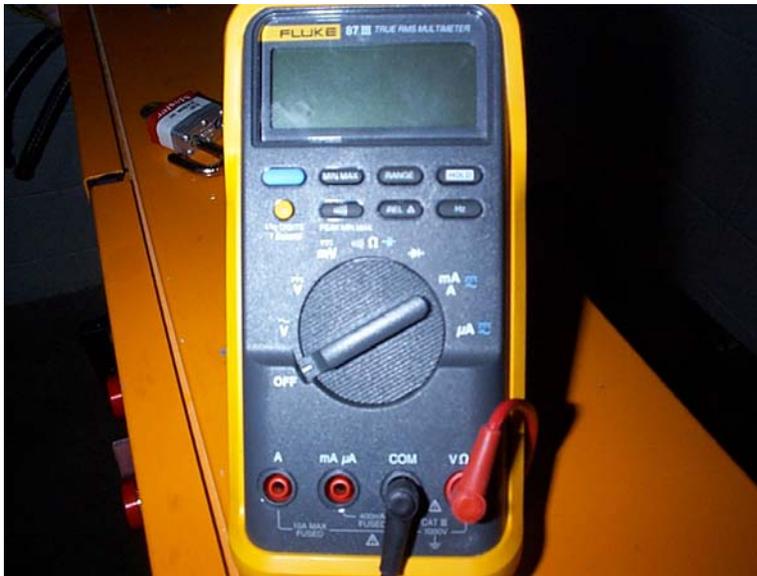
Breaker for pump 533.



Open the breaker and lock it out using red banded lock and 'DO NOT OPERATE' tag.



Make sure the meter you use is a cat III meter. It should say cat III on the front.



↑
CAT III

Verify that the meter works by reading the voltage in a live 110 volt outlet.



Put on the proper fire retardant coveralls for working with 480 volt circuits.



Put on proper arc flash hood and gloves.



Open the local disconnect switch with your left hand. By using your left hand, it puts your body to the right of the disconnect. If, by chance, there is an arc flash you won't be standing directly in front of the door.



Open the local disconnect door.



Verify there is no voltage present on the incoming leads (3 places). Phase to phase and phase to ground.



Verify your meter again to ensure that it still works.



Before servicing the pump, you must also close and lock out the suction and discharge valves using a red banded lock and 'DO NOT OPERATE' tag.

Pump suction valve.



Pump discharge valve.



Locked pump suction valve.



Red banded lock and 'DO NOT OPERATE' TAG.

