

## Boiler Feed Questionnaire For Wiring Panel

In order to properly assure that the electrical control panel wiring will be compatible with the boiler controls, valving, and piping, we need the following information before we can process orders.

1. What is the correct (exact) electrical power voltage? \_\_\_\_\_
2. How many boilers will the boiler feed unit serve? \_\_\_\_\_
3. What boiler level controllers are to be used to control the pumps?  
Make: \_\_\_\_\_ Model: \_\_\_\_\_  
Number of switch positions (i.e., Single level, two-level, etc.)? \_\_\_\_\_

Note: A *McDonell-Miller #159 is a two-level switch used for automatic standby.*

Note: A *McDonell-Miller #150 is a single level switch.*

**If boiler feed unit serves more than one boiler you must answer the following questions.**

4. If two pumps are feeding two boilers do you want wiring arranged so that either pump can feed either boiler? (Boiler 1–OFF–Boiler 2 selector switches) \_\_\_\_\_
5. If two pumps are feeding two boilers do you want wiring designed so one pump is to feed one boiler only with no standby? (A typical auto-off selector switch is used) \_\_\_\_\_

If ONE pump on the boiler feed unit is designed to feed more than one boiler either manually or automatically, please continue! (i.e., Triplex unit feeding two boilers)

6. If three pumps are feeding two boilers, do you want MANUAL standby through the use of selector switches? (Pump–OFF–Standby) \_\_\_\_\_

Note: *This is also anytime you have one pump more than the number of boilers being fed and you are controlling the pumps by the use of selector switches.* (i.e., 4 pumps feeding 3 boilers)

If your pump serves more than one boiler and the answer to Question #6 was NO than you MUST have continuously running pumps and/or have automatic standby. Please answer questions 7, 8, & 9.

7. Are pumps going to run continuously? \_\_\_\_\_
8. With automatic standby you will have discharge feed valves (Not city water make-up valve) installed in the piping! Will these discharge feed valves (not city water make-up valve) be powered from our panel?
  - If YES, what is amp draw of valve, manufacturer, etc. \_\_\_\_\_
  - If not, will these valves be powered from a separate supply? \_\_\_\_\_ Please indicate voltage if you answered yes to this: \_\_\_\_\_
9. If modulating discharge feed valves are used, are there end switches on the valves? \_\_\_\_\_
  - If YES, are they \_\_\_\_\_