



What shall I do to reset “Pump alarm”?

In Microplan's test benches, when a pump is driven by an inverter, it might happen that, **turning at very low speed, the pump could not be able to dissipate the overheath** and therefore could go in thermal protection mode; in this case the "Pump Alarm" or “Pump Fault” red lamp will light on.

Execute the following operations to reset the pump protection:

1. Identify the inverter of the pump inside the electric cabinet of the test bench;
2. Press STOP RESET button for a few seconds;
3. Check if the red lamp error on the electrical cabinet is off. If so, the problem is solved, however investigate why the pump has turned to very low speed.
4. In case the “Pump Alarm” or “Pump Fault” led is still red, then execute the following operations;
5. Identify the automatic switch associated to the inverter within the electric diagrams of the test bench. You need to search for a page named "Inverter and pump", or "Pump supply", or "Pump", according to the version. In this page you will find a device whose name is composed by (number of page)+QM+(progressive number). It could be for example: 03QM1;
6. Locate this automatic switch inside the electric cabinet; it is labelled the same way as in the electric diagrams;
7. Switch off the above automatic switch and wait about 10 seconds to make sure that the inverter is completely off (make sure the display of the inverter is off);
8. Switch on the automatic switch again and check that the red lamp is off. If so, the problem is solved, however investigate why the pump has turned to very low speed.

