

# IF THE LH2 PUMP TRIPS

0. Do not worry about the beam, it should be tripped by the **FSD** on the pump head (QW\_PT9).
1. Open the pump control panel from the main target GUI, click **H2 Pump**
2. Click **Reset**, look with the camera at the tachometer read-back, if it shows **29 Hz**, click **Clear** and **Update**. You are **DONE**. Let the target fluid stabilize and carry on with the program. IF the pump does not re-start, repeat 2. and if it is still **OFF** go to 3.
3. Click **OFF**, and in box percent freq. put **50**, and click **ENTER**
4. Click **ON**, wait 10 s
5. Repeat 3. and 4. if the pump does not re-start, try lowering the percent freq.
6. If you tried 5. three times and failed, go and **PUSH** the pump power reset, a big **RED** button above the daq console labeled **Target Fan**
7. Wait 10 s and **PULL** the **RED** button back. This power cycles the pump motor controller, but it doesn't re-start it. Go to 8.
8. Repeat 2. If it does not restart go to 3. and 4.
9. Call/Page the target expert on-call if 8. fails