**PBL Quality of Design Grading Sheet**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score: \_\_\_\_\_/\_\_\_\_\_\_

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| **Evaluation Criteria** | **Score and Comments** |
| Apparatus fulfills design requirements.  No leaks are present in the system, pipes are properly tight.  Apparatus is structurally sound.  Fittings/valves are tight and correctly installed.  Measurement devices function properly, are installed correctly, and are calibrated adequately.  The system is constructed so that reasonable sections may be serviced without taking apart large portions of the apparatus.  The design is as safe as possible.  Labview works to control the pump and display the output of the measurement devices.  Pump is grounded to the tank.  Proper heed is paid to entrance length effects.  (There are others. Please see the PBL: Pipes, Fittings, and Instrumentation Check-Off.) |  |