65/75

Kyra Flores

Ana Meza

Uyen Nguyen

Jonathan Tullos

Completed Design Controls Worksheet [DCW-1]

|  |
| --- |
| No details  Comments  Missing: “Improvements on existing design” narrative complete. Design goals clearly defined. (5  Validation tests (UN1,3-5) are actually verification tests. Validation evaluate the user and make sure the device meets the user's needs. Such as, "The user can assemble the pump assembly within a 10-minute time interval, using written instructions (provided)."  25 / 30 pts |
| **Prototyping Protocol [PP-1]** |

|  |
| --- |
| No details  Comments  Love that the location of the drill press etc is at "Home Depot", but it should probably be at the "Design Lab" etc... not at the store.  You can just buy a shaft coupling, no need to machine one from scratch usually.   Drawing would be much more useful here than a rendering. No dimensions etc...  28 / 30 pts |
| **Test Protocol [TP-1]** |

No details

Comments

Machine setting values should have bounds i.e. 0.5mL/min +/- 0.01mL/min  
  
0.5mL/ms is really fast, 500mL/second.  
  
There should be a pass / fail column somewhere to show if the test passed or not.   
  
There are machine settings and values to be recorded but it is unclear what the actual tests are.

12 / 15 pts