|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| C:\Users\Rondell\Desktop\Benchmark A\EG newlogo v4 2048x789.png | | BENCHMARK ASSESSMENT B Railroad Train Guidance System | | | http://engineering.nyu.edu/sites/polyproto.poly.edu/files/engineering_long_color.jpg | |
|  | |  | | |
| Project Name | | | Name | |
| Company Name | | |  | |
| Team Members | | | Section | |

**TEST RESULTS**

**Direction of Travel (check one)**

|  |  |  |
| --- | --- | --- |
|  | □ | Left to Right |
|  | □ | Right to Left |
|  | | | | | **Pass** | **Fail** |
| **LabVIEW VI:** | | | | |  |  |
| Train traverses entire course in Normal Mode | | | | | □ | □ |
| Train traverses entire course in Reverse Mode | | | | | □ | □ |
| Boolean switches (on front panel of VI) indicate occupied track locations | | | | | □ | □ |
| Lights (on front panel of VI) indicate which switches are set | | | | | □ | □ |
|  | | | | |  |  |
| **Other Deliverables:** | | | | |  |  |
| Simplified Boolean equations | | | | | □ | □ |

Based upon the results of this benchmark assessment, this project meets all criteria required at this stage of development.

**Note: This form is required for successful completion of the SLDP. Failure to submit this form by the end of Model Shop Session 2 will result in penalties. See EG1003 grading policy for details.**

|  |  |  |
| --- | --- | --- |
|  |  | |
| Team Member | | Date |
| Team Member | | Date |
| Team Member | | Date |  |
| Approved by | | Date |  |