**Engineering Notebook** **Judge’s Evaluation Form (VEX V5 /VEX IQ Robotics)**

**Please check which division:**  **Elementary School**  **Middle School**  **High School**

|  |  |  |  |
| --- | --- | --- | --- |
| **Official School Name** |  | | |
| **Official School District** |  | **State** |  |
| **SECME Team Name** |  | | |
| **Student Name #1** |  | **Grade** |  |
| **Student Name #2** |  | **Grade** |  |
| **Student Name #3** |  | **Grade** |  |
| **Judge’s Name** |  | **Date** |  |

The engineering notebook should be written clearly and concisely and exhibit the complete documentation and illustration of the team’s design, construction, and testing processes for their robot to achieve the object of the VEX V5/VEX IQ Robotics game.

**EVALUATION CATEGORIES POINTS**

**Layout (0 – 25 pts) /25**

Is the engineering notebook organization easily understood?

**Documentation (0 – 15 pts) /15**

The team regularly demonstrates and illustrates frequent updates (ex., once a week, biweekly, and monthly) documenting the entire team’s work.

**Design Process (0 – 40 pts) /40**

The team shows evidence of a trial-and-error design process that highlights the various phases and development of the team’s robot.

**Sketches/Photographs (0 - 10 pts) /10**

Does the engineering notebook include sketches/photographs?

**Replicate (0 – 10 pts) /10**

Can the engineering notebook be used to replicate the team’s robot?

**TOTAL (The highest possible score is 100 pts) /100**

**Judge’s Comments (please use the back page for additional space.)**