

## Appendix C: Judge Summary Sheet

Team Name:  Team #:	Not Demonstrated	Beginning	Developing	Accomplished	Exemplary	Comments
<b>For All Awards</b>						
Team shows respect and <i>Gracious Professionalism</i> ® to everyone they meet at a <i>FIRST</i> Tech Challenge event (required).						
<b>Think Award – Engineering Portfolio required</b>						
Engineering Portfolio must have examples of engineering content that includes entries describing underlying science, mathematics, and game strategies (required)						
Engineering Portfolio must show that the team has a clear understanding of the engineering design process, with images, pictures or drawings and details documenting all stages of robot design (required)						
Portfolio must show examples of the team's journey, experience and lessons learned throughout the season (required)						
<b>Connect Award – Engineering Portfolio Required</b>						
Portfolio includes a Team plan that covers the Team's goals for the development of team member skills, and the steps the team has taken or will take to reach those goals. Examples of what the plan could include are timelines, outreach to science, engineering, and math communities, and training courses.						
Portfolio must include a summary of how the team acquired new mentors or acquired new knowledge and expertise from a mentor. Working with Mentors from FIRST's Mentor Matching site is an acceptable way to learn from Mentors.						
Team actively engages with the engineering community to help them understand <i>FIRST</i> , the <i>FIRST</i> Tech Challenge, and the team itself (required)						

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<b>Collins Aerospace Innovate Award – Engineering Portfolio required</b>						
Team must submit an Engineering Portfolio with examples of engineering content that document the design process and how the team arrived at their design solution (required)						
Robot or robot sub-assembly must be elegant and unique in its design (required)						
Creative component must be stable, robust, and work reliably (required)						
Robot design is effective and consistent with team plan and strategy (required)						
<b>Control Award – Engineering Portfolio required</b>						
Team must apply for the Control Award by filling out the Control Award Content Sheet (required)						
The Engineering Portfolio must include examples of content that documents the control components (required)						
Control Components must enhance the functionality of the robot on the field (required)						
Advanced software techniques and algorithms are encouraged						
Control Components should work reliably						

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<b>Motivate Award</b>							
An Engineering Portfolio must be submitted and should include a team plan that identifies their future goals and the steps they will take to reach those goals. The plan could include fundraising goals, sustainability goals, timelines, outreach, and community service goals (required)							
The team is an ambassador for <i>FIRST</i> programs (required)							
Team can clearly demonstrate the successful recruitment of new teams, mentors, coaches, and volunteers who are not otherwise active within the STEM community (required)							
Team can explain the individual contributions of each team member, and how these connect to the overall success of the team (required)							
All team members participate in their presentation, and actively engage with the Judges							
Team can show a creative approach to materials that market the team and <i>FIRST</i>							

Team Name: Team #:		Not Demonstrated	Beginning	Developing	Accomplished	Exemplary	Comments
<b>Design Award – Engineering Portfolio required</b>							
Team must submit an Engineering Portfolio with examples of engineering content that include detailed robot design drawings (required)							
Team demonstrates industrial design principles, striking a balance between form, function, and aesthetics (required)							
Robot differentiates itself from others by its aesthetic and functional design (required)							
Basis for the design is well considered (i.e. inspiration, function, etc.) (required)							

\*Inspire Award Nominees are those teams that are nominated in multiple categories. **Bold items are award requirements.**

\*\*Promote and Compass Awards are not Judged at events.

**CONFIDENTIAL - NOT TO BE SHARED WITH TEAMS**