# Reading Assignment #5

Due October 2, 2017

Answer the following questions on the 2018 Clean Snowmobile Challenge Rules, page 32-66. Please contact an older member or a rules expert if you need help answering the questions.

## Rules Questions:

1. Analyze the overall scoring guide for the SI category locate on page 32. Identify the three major categories of the competition.
2. Explain the general structure of the Engineering Design Paper. Give a brief explanation of what the first three paragraphs must contain content wise.
3. What does MSRP stand for? What does this category consist of? How have we done in the past?
4. What test is used to measure the E-score during the in-lab emissions? How do they pull these emissions from the snowmobile?
5. How does the scoring for the lab emissions category work? For example, how many points would we get with an E-Score of 120, 174, 190 and 210?
6. How is the Fuel Economy & Endurance category scored? What happens if a team is unable to complete the event?
7. What test is used for the Objective Noise Event? What is the max noise allowed to classify as NPS? How does the scoring for the category work?
8. How does the scoring work for the Static Display event? Looking at the table below, fill it out with the necessary information for the required standardized chart.

|  |  |
| --- | --- |
| Chassis Make & Model |  |
| Engine Size (cc) |  |
| Number of Cylinders |  |
| 2-stroke or 4-stroke |  |
| MSRP (from 2017) |  |
| Design Horsepower (from 2017) |  |
| Fuel Economy (from 2017) |  |

1. What are all the categories of the competition that are judged during the In-Service Emissions event? What do they use to measure emissions on snow?
2. Describe a few of the awards we’ve won in the past, and what awards we are most proud of winning?
3. Look through the Appendices, what are each of the Appendix’s used for? Is there anything surprising that didn’t expect?