



ENGINEERING



# Engineering Excellence & Innovation

## Mark sheet 2018

This covers the following from the "Competition Categories" sheet

- 1) Measurement and display of vehicle performance data
- 2) Engineering excellence in design, materials and construction.

Score sheet for team: \_\_\_\_\_

Sections of Innovation Category	Descriptor	Points	Score
<b>1. Measurement &amp; display of performance metrics</b>	<i>Performance variables are measured</i>	1 to 3	
	<i>Measurements displayed well for driver</i>	1 to 2	
	<i>Measurements are logged and stored</i>	1 to 3	
	<i>Measurements transmitted</i>	1 to 4	
	<i>Transmitted measurements are effectively displayed</i>	1 to 3	
		<b>Total /15</b>	
<b>2. Engineering excellence &amp; innovation</b>	<i>Evidence that several design options considered</i>	1	
	<i>Evidence the ideas were analysed &amp; evaluated</i>	1 to 3	
	<i>Innovative features are implemented</i>	1 to 2	
	<i>Alternative materials have been used</i>	1	
	<i>Alternative materials effective in enhancing performance / safety / strength</i>	2	
	<i>Construction is functional</i>	1	
	<i>Construction is robust and fit for purpose</i>	2	
	<i>Construction is superior in design, effectiveness and quality of finish</i>	3	
		<b>Total /15</b>	