



2018 AUTONOMOUS - TECHNICAL INSPECTION FORM (TEAM COPY)

University			Vehicle #
Team			

INSPECTION BEFORE RACE

		Value	Compatibility		NOTES
			✓	X	
Autonomous	Original Category Checklist	Vehicle completed Electromobile / Hydromobile inspection successfully.			
	Sensor Placement	Sensors within horizontal limits.			
		Sensors within height limits.			
	Hardware	Sensors are shown.			
		Brake system is shown.			
		Steering system is shown.			
	Algorithms	Control algorithm/system is explained in full.			
		Sensing algorithm/system is explained in full.			
		System integration is explained in full.			
	Telemetry System	The car status (speed, mode of operation) is shown on a remote device in realtime.			
Physical Emergency Stop and Shutdown	Vehicle is able to stop and shut down by pressing down the emergency stop button.				
Remote Emergency Stop and Shutdown	Vehicle is able to stop and shut down remotely.				
Remote Start Mission	Vehicle is able to start mission remotely.				
Dynamic Driving Test	The vehicle is able to start and stop in the test site. It is to be placed in front of a wall and will be asked to start and stop without hitting the wall (There will be same type of stop signs as in the mission).				

Final Evaluation Notes	
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Academic advisor signature

Jury signature

INSPECTION AFTER RACE

Attempt	Obstacle Contact		Speed*	Completion Time	Stopping Distance	Inspection		Succeed Status
	✓	X	✓	Value	Value	✓	X	
1								
2								
3								

* The vehicle cannot exceed the speed of 30 km/h.