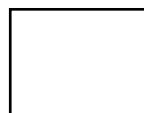


2023 Mechanical Inspection Sheet

Car No:

University:



APPROVED

PRE-INSPECTION			
STEERING			
No.	Checkpoint	OK	Comment
1	All steerable wheels must have positive stops to prevent contact between wheels and other parts of the car		
2	Check steering wheel quick release		
3	The max. play in the steering system is 7 degrees		
WHEELS AND SUSPENSION			
No.	Checkpoint	OK	Comment
4	All 4 wheels need to be checked if there is any play. If the suspension is mounted to the uprights with brackets the brackets need to be rigid		
5	All pick-up points must be secure and rigid		
DRIVER RESTRAINT SYSTEM			
No.	Checkpoint	OK	Comment
6	Check secure mounting of the harness		
7	Check length of arm restraints		
TIRES			
No.	Checkpoint	OK	Comment
8	Check integrity of the tires		
CV ONLY			
No.	Checkpoint	OK	Comment
9	FUEL Check hoses, hose clamps		
10	Check for fuel at filler neck (Max 5mm tolerance)		
11	FLUIDS Check for any leaks. No leaks permitted e.g.water, gasoline, oil, brake fluid		
12	BRAKES Brake System Plausibility Device when hard braking occurs, whilst: Engine is running Press brake to about 50% and than		
EV ONLY			
No.	Checkpoint	OK	Comment
13	FLUIDS Check for any leaks. No leaks permitted e.g.water, gasoline, oil		
APPROVAL STATUS			
PRE	Approval (Control box) (DON'T CHANGE MANUALLY)		

Formula Student Balkans



2023 Mechanical Inspection Sheet

Car No:

University:



APPROVED

POST INSPECTION			
AERO GENERAL			
No.	Checkpoint	OK	Comment
1	GROUND CLEARANCE Sufficient to prevent any portion of the car from touching the ground during track events • clearance + 30mm		
2	BODY GENERAL No large holes in bodywork, except for cockpit opening		
3	Enclosed chassis structures and structures between the chassis and the ground must have two venting holes of at least 25mm diameter in the lowest part of the structure to prevent accumulation of liquids.		
5	All wings securely attached, deflection may not exceed 25mm when a force of 50 N is place at any random place in any random direction		
7	No parts are allowed within the 75 mm keep out zone (see image below)		
8	FRONT AERO Measurements according T7 aerodynamic devices, figure 13 (Provided in scrutineering area)		
9	REAR AERO Measurements according T7 aerodynamic devices, figure 13 (Provided in scrutineering area)		
10	Floor panel installed from foot area until firewall. Gaps must be less than 3mm		
11	Deflection of floor panels which can ocure with a seated driver or during a race can't cause a gap greater than 3mm		
WEIGHT			
No.	Checkpoint	OK	Comment
14	Weigh the car and check if it's in the allowed limit of more than +-5 kg compared to the official technical inspection weight		
CV ONLY			
No.	Checkpoint	OK	Comment
15	Check seal		
9.5	Fuel tank SEAL sticker		
APPROVAL STATUS			
POST	Approval (Control box) (DON'T CHANGE MANUALLY)		