

Informative 04

São Paulo, 24th June, 2022.

Ref.: Design Validation - Deliverable Templates

Deliverable 01

University	University Name
Vehicle # / Team	00 – Team's Name
Captain Name	Captain Name
Professor Name	Professor Name

2022 Northeast competition Targets and Goals

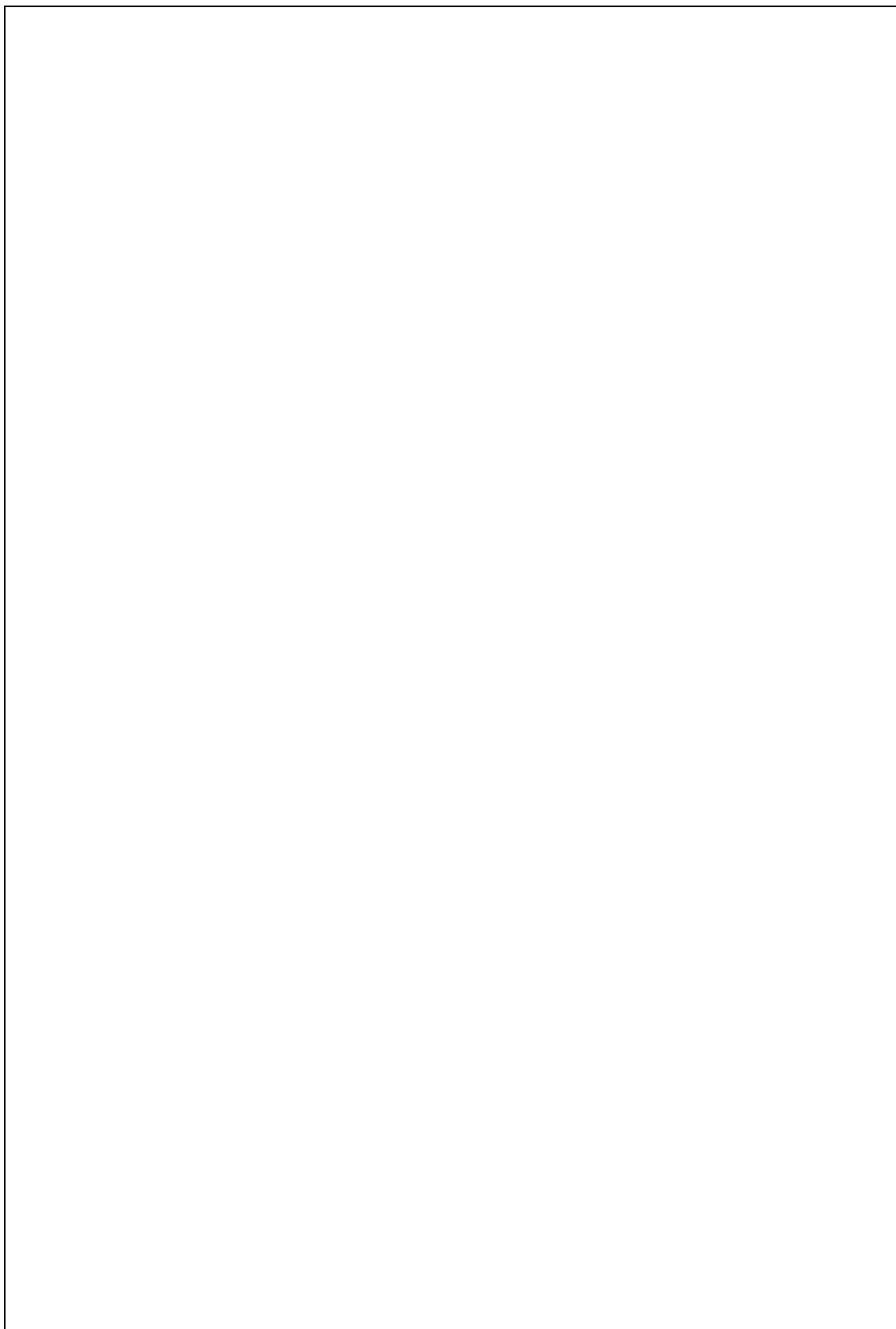
Submission Date:	
Events	Targets
Time 0-30 m (s)	Multiple targets for different conditions are acceptable.
Speed at 100 m (Km/h)	<u>Do not</u> split this table, leave blank spaces if necessary.
Max Traction Force (N)	
Turn Radius (mm)	
Braking Distance (mm)	
Width (mm)	
Wheelbase (mm)	
Total Weight (Kg)	
Ground clearance without driver (mm)	
Prototype allocated budget (R\$)	How much your team is investing in the prototype

Project Management Plan

Deliverable 02

Validation Report

Design Freeze



Validation Plan

Deliverable 03

Technical Specification Sheet

Technical Specification sheet should be sent along this deliverable as a separate document, the template is described on Design Evaluation Informative.

Test Results for 2022 Northeast competition

Events	Targets	Results	Error Margin (%)	Justification
Time 0-30 m (s)				
Speed at 100 m (Km/h)				
Max Traction Force (N)				
Turn Radius (mm)				
Braking Distance (mm)				
Width (mm)				
Wheelbase (mm)				
Total Weight (Kg)				
Ground clearance without driver (mm)				

Targets: Replicate Deliverable 1 Information

Results: Input virtual simulation result values

Error Margin (%): If multiple targets/results, add error margin for all conditions the highest will be considered

Error margin formula: $Error = \left| \left(1 - \frac{Result}{Targets} \right) \right| \times 100$

Remember to add screenshots of calculations, virtual measurements etc as evidence for each event to avoid penalties.

Evidences