

9. Scoring

- 9.1. The official score will be calculated at the end of each match.
- 9.2. The maximum score is:
- 9.2.1. 31 points for a qualifying match (1.1 + 1.2 + 1.3)
 - 9.2.2. 39 points for a final match (1.1 + 1.2 + 1.3 and either 1.4 or 1.5)
 - 9.2.3. 10 points for the vehicle documentation

	Requirements	Point value	Total available
1.	Driving		
1.1.	The vehicle drives from a section in the match driving direction. This is applicable for the starting section, but not applicable for the finish section and other section next after it.	1	24
1.2.	The vehicle drives a full lap. 8 sections were passed successfully in the match driving direction. The starting section is included in the eight sections for the first lap. The lap is considered as completed if the vehicle completely drives out of the last (corner) section in the lap. So, the vehicle is able to start moving in the opposite direction after this and the lap will be still taken into account.	1	3
1.3.	After the completion of three laps the vehicle stopped in the finish section.	4	4
	Applicable only for final matches:		
	Either		
1.4.	The match was stopped before the vehicle completed three laps and the traffic signs were not moved and knocked down in those sections which the vehicle passed through completely.	4	4
	Or		
1.5.	After the completion of three laps the traffic signs were not moved and knocked down.	8	8
1.6.	The team performed repairing actions by taking the vehicle out of the field even if the actions were not successful.	Total match points divided by factor 2	
2.	Vehicle documentation		
2.1.	Team photos	1	1
2.2.	6 vehicle photos	1	1
2.3.	URL to YouTube	2	2
2.4.	A schematic diagram the electromechanical components	4	4
2.5.	GitHub code	2	2

- 9.3. The time measured by a judge at the moment of the match end is written down and will be later used to identify the best match. For the final matches, the average value of measurements made by two judges is used. If a team or vehicle was disqualified for the match, the maximum time (3 minutes) is given for such a match.
- 9.4. The score calculation is done by the judges at the conclusion of each match. The team must verify and sign the score sheet after the round, if they have no fair complaints.
- 9.5. The teams' ranks for the qualification matches are based on points each team received in their best qualifying match. If a team has the same score in both matches, the match with the smallest time will be chosen as the best qualifying match.

3. Passing the starting section after three laps

The judges will end the match as soon as, after driving three laps, the vehicle passes the starting section.

When three laps are completed, the following phases are possible:

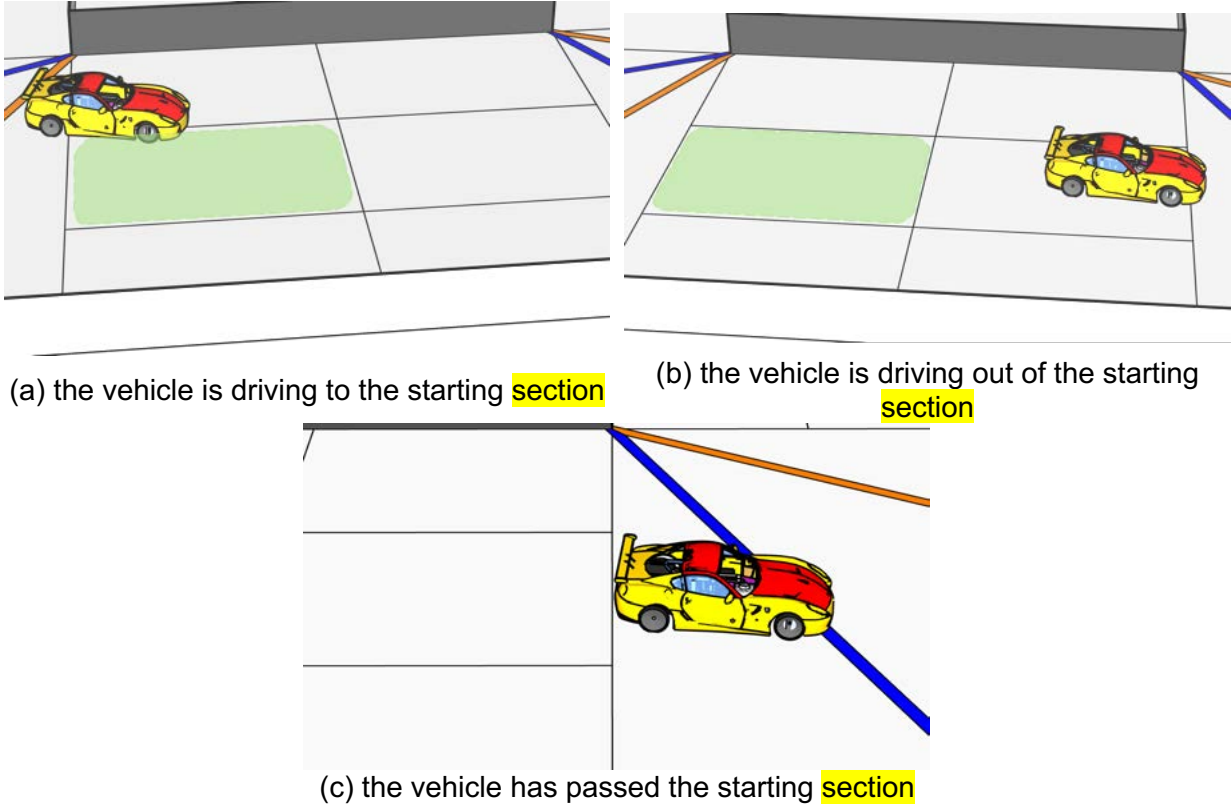


Figure 22. Phases of passing the starting zone by the vehicle moving CCW

If the vehicle is still moving the judge will not stop time at the phases (a) and (b). But as soon as the vehicle is completely in the corner zone, the phase (c), the match will be ended.

The same is applicable if the match driving direction is clockwise.

