

## FIA FORMULA 1 WORLD CHAMPIONSHIP



# 2025 DUTCH GRAND PRIX

29 - 31 August 2025

| From | The FIA Formula One Technical Delegate | Document 51 |
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To The Stewards Date 31 August 2025

**Time** 18:40

## **Technical Delegate's Report**

#### Before the Race:

A front floor deflection test was carried on car number 14.

The uppermost rear wing element adjustable positions were checked on car numbers 81, 04, 16, 44, 01, 63, 14, 06, 30 and 55.

The minimum distance between the adjacent rear wing sections at any longitudinal vertical plane was checked on car numbers 81, 04, 16, 44, 01, 63, 14, 06, 30 and 55.

Clutch paddle linearity checks have been carried out on car numbers 81 and 30.

On the grid it was checked that all cars had fitted their tyres and the tyre heating blankets were disconnected, when the "5-Minutes" signal was given.

On the grid the temperature of the LHS and RHS front and rear tyre was checked on car numbers 81, 04, 01, 63, 12, 18, 30, 55, 23 and 05.

On the grid the minimum tyre starting pressure of the LHS and RHS front and rear tyre was checked on all cars.

#### After the Race:

The following cars were weighed:

| Number | Car              | Driver         |
|--------|------------------|----------------|
| 81     | McLaren Mercedes | Oscar Piastri  |
| 01     | Red Bull Racing  | Max Verstappen |
|        | Honda RBPT       |                |
| 22     | Red Bull Racing  | Yuki Tsunoda   |
|        |                  |                |

|    | Honda RBPT          |                   |
|----|---------------------|-------------------|
| 63 | Mercedes            | George Russell    |
| 12 | Mercedes            | Kimi Antonelli    |
| 18 | Aston Martin Aramco | Lance Stroll      |
|    | Mercedes            |                   |
| 14 | Aston Martin Aramco | Fernando Alonso   |
|    | Mercedes            |                   |
| 10 | Alpine Renault      | Pierre Gasly      |
| 43 | Alpine Renault      | Franco Colapinto  |
| 31 | Haas Ferrari        | Esteban Ocon      |
| 87 | Haas Ferrari        | Oliver Bearman    |
| 06 | Racing Bulls Honda  | Isack Hadjar      |
|    | RBPT                |                   |
| 30 | Racing Bulls Honda  | Liam Lawson       |
|    | RBPT                |                   |
| 23 | Williams Mercedes   | Alexander Albon   |
| 55 | Williams Mercedes   | Carlos Sainz      |
| 27 | Kick Sauber Ferrari | Nico Hülkenberg   |
| 05 | Kick Sauber Ferrari | Gabriel Bortoleto |

The following aerodynamic component or bodywork areas were checked on car numbers 81, 87 and 06:

| - | Floor Body               | - TR Article 3.5.1  |
|---|--------------------------|---------------------|
| - | Floor Fences             | - TR Article 3.5.2  |
| - | Floor Edge Wing          | - TR Article 3.5.3  |
| - | Nose                     | - TR Article 3.6.1  |
| - | Forward Chassis          | - TR Article 3.6.2  |
| - | Mid Chassis              | - TR Article 3.6.3  |
| - | Mirror Housing           | - TR Article 3.6.4  |
| - | Sidepod                  | - TR Article 3.7.1  |
| - | Coke Panel               | - TR Article 3.7.2  |
| - | Engine Cover             | - TR Article 3.7.3  |
| - | Tail                     | - TR Article 3.8.1  |
| - | Front Wing Profiles      | - TR Article 3.9.1  |
| - | Front Wing Endplate body | - TR Article 3.9.2  |
| - | Front Wing Tip           | - TR Article 3.9.3  |
| - | Front Wing Diveplane     | - TR Article 3.9.4  |
| - | Front Wing Endplate      | - TR Article 3.9.5  |
| - | Rear Wing Profiles       | - TR Article 3.10.1 |
| - | Pylons                   | - TR Article 3.10.2 |
| - | Rear Wing Beam           | - TR Article 3.10.3 |
| - | Rear Wing Endplate Body  | - TR Article 3.10.4 |
| - | Rear Wing Tip            | - TR Article 3.10.5 |

- Rear Wing Endplate

- TR Article 3.10.7

The plank and skid wear was checked on car numbers 81, 01, 22, 63, 18, 14, 31, 87, 06 and 23.

The fuel pressure of all cars during the race was checked.

The logged pressure within the engine cooling system during the race was checked on all cars.

The engine high rev limit bands were checked on all cars.

Fuel flow meter calibration checksums were checked on all cars.

The instantaneous fuel mass flow of all cars was checked.

The partial load fuel mass flow of all cars was checked.

The fuel temperature of all cars was checked.

The plenum temperature was checked on all cars.

The oil consumption was checked on all cars.

The exhaust fluid mass flow of all cars was checked.

The IVT code and calibration checksums were checked on all cars.

The IVT temperatures were checked on all cars.

The ES state of charge on-track limits were checked on all cars.

The lap energy release and recovery limits were checked on all cars.

The MGU-K power limits were checked on all cars.

The maximum MGU-K speed was checked on all cars.

The maximum MGU-K torque was checked on all cars.

The maximum MGU-H speed was checked on all cars.

The MGU-K power model was checked on all cars.

The ES power model was checked on all cars.

The MGU-K use at the race start was checked on all cars.

It was checked on all cars that the ES was not charged while the car was stationary in the pits.

The torque coordinator demands were checked on all cars.

The torque control was checked on all cars.

The session type has been confirmed for all cars.

Chassis FIA checksum was checked on all cars taking part in the race.

The rear brakes pressure control was checked on all cars.

The brake temperature warnings were checked on all cars.

The steering wheel of all cars has been checked.

The race start data of all cars have been checked.

Single clutch paddle use for the race start has been checked on all cars.

It was checked that no car exceeded 80 km/h when leaving the formation grid prior to the start of the race.

It was verified on all cars that the PCU dash display configuration was not changed during Parc Fermé.

The aerodynamic oscillations metrics was checked on all cars.

The tyre starting pressures of all cars during the race were checked.

The tyres cold pressure was checked on car numbers 01 and 43.

The tyres used by all drivers during the race today have been checked.

All car weights and the items checked were found to be in conformity with the 2025 FIA Formula One Technical Regulations.

### Jo Bauer

The FIA Formula One Technical Delegate