

Pre-Race Fuel Temperature Check, MotoGP

The Technical Director may carry out random checks of fuel temperature by either non-contact (infrared) or contact (probe inserted into fuel tank) measurement. In the case of contact measurements the TD will ask the team to open the fuel tank, and this will be done in the period of: 15 minutes before pitlane opens, until 5 minutes before pitlane opens.

The fuel in the tank must be no more than 15 degrees below ambient temperature (eg. If the ambient temperature is 25 degrees, the fuel must be 10 degrees or higher).

The Official Ambient Temperature is displayed on the Dorna Timekeeping monitors 1 hour before the race, and this is the temperature used for fuel temperature calculations (not the Team's own air temperature measurements).

The Team can request that the fuel temperature is measured when they are filling the tank, so they do not need to open the tank later in case of a random check. In this case the Scrutineer assigned to tyre control for that team will make the fuel temperature measurement.

While the tank is open for filling, the Scrutineer measures the fuel temperature with the probe and records it on his form. He must be able to confirm to the Technical Director that no further cooling has taken place after filling, so he must remain in the garage, within sight of the race bike fuel tanks at all times until the bike leaves for the race. If the Technical Director arrives for a random temperature check before pitlane opens, he will ask the scrutineer to confirm if the fuel temperature has already been checked. If all is OK, there is no need to open the tank for a further check. In this way the teams can choose to have their fuel temperature "pre-checked" at filling time to save any disruption later on if they are chosen for random checks.

On Race Day after the morning Warmup, Tyre Controllers must be in the team garage 1 hour before the race start (40 minutes before Pitlane opens), this is the normal time for teams fill the tank.