



## 2023 QATAR GRAND PRIX

06 - 08 October 2023

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	62
<b>To</b>	All Teams, All Officials	<b>Date</b>	08 October 2023
		<b>Time</b>	17:25

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**Title** Event Notes - Pirelli Preview V2

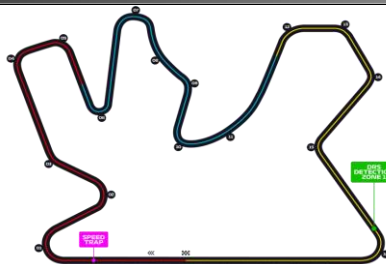
**Description** Pirelli Preview V2

**Enclosed** QAT DOC 62 - Pirelli Preview V2.pdf

**Niels Wittich**

**The FIA Formula One Race Director**

**Grand Prix of Qatar 06/10-08/10/2023 (23R18QAT)**



**Compounds selection**

Compound	FL	FR	RL	RR	Mandatory race tyres
<b>C1</b>	1T1	1T2	1T3	1T4	<b>C1</b>
<b>C2</b>	2U1	2U2	2U3	2U4	<b>C2</b>
<b>C3</b>	3V1	3V2	3V3	3V4	
<b>Intermediate</b>	9G5	9G6	9G3	9G4	<b>Q3 tyre</b>
<b>Wet</b>	95R	96R	97R	98R	<b>C3</b>

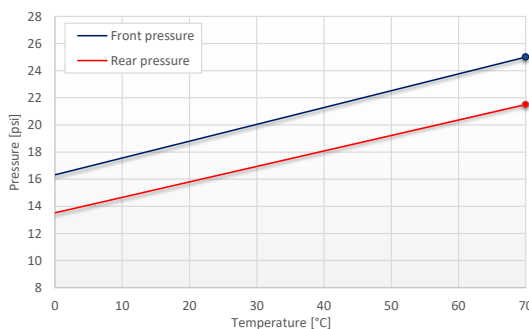
**Prescriptions**

**Pressures & camber**

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
Front	25.0 psi	25.5 psi	22.0 psi	≥27.0 psi	-2.75°
Rear	21.5 psi	22.0 psi	18.5 psi	≥23.5 psi	-1.50°

**Maximum number of laps permitted for the race on each single set including all tyres history: 18laps.**  
Laps to the grid, formation laps and laps following the chequered flag for the Sprint and Race will not be counted. For the used sets effective number of laps considered from previous sessions will be the total amount, reduced by 2laps. For the sake of clarity a document with remaining laps available for each set will be distributed to the teams.

**Cold Pressure Cooling Curve**



$$P_{front} = (T - 70) \cdot 0.124 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.114 + P_{startr}$$

$P_{startf}$ : Minimum starting pressure on the front axle [psi]

$P_{startr}$ : Minimum starting pressure on the rear axle [psi]

$T$ : Tyre temperature [°C]

**Maximum heating times and temperatures (tread & sidewall)**

Temperature	0	60	70 (°C)
Slicks		max. 2h	
Intermediate		max. 2h	
Wet		No blankets allowed	

- Temperatures refer to tyre tread and side wall temperatures, not blanket or controller set-point temperatures.
- Tyres may only be heated prior to the session in which they are intended to be used.
- The temperatures apply at all times during the event.

**Tyres notes**

<ul style="list-style-type: none"> <li>• Not permitted to switch tyres from their originally allocated position.</li> <li>• Do not subject tyres to large deformation or heavy impact.</li> <li>• Do not leave fitted tyres exposed at an air temperature lower than 10°C and/or any excessive UV emission.</li> <li>• Revised prescriptions could be issued during the race weekend in accordance with TD003.</li> <li>• Cut-off time for fitting tyres at an event on sunday morning: 4 hours prior to the race start</li> </ul>	<ul style="list-style-type: none"> <li>• Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003</li> <li>• Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003</li> <li>• BLANKET HEATING TIME for each temperature range to be counted from the moment the blanket control unit is set to reach its targeted temperature within its correspondent interval.</li> </ul>
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**General notes**

Teams are kindly reminded that the following will be subject to FIA checks during the event:

- Starting pressures
- Cold pressures (according to the cold pressure cooling curves)
- Re-heat pressures
- EOS Camber
- Maximum tyre temperatures and times in blankets
- Tyre swapping