



FIA FORMULA 1 WORLD CHAMPIONSHIP



# 2024 QATAR GRAND PRIX

29 November - 01 December

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	1
<b>To</b>	All Teams, All Officials	<b>Date</b>	27 November 2024
		<b>Time</b>	13:15

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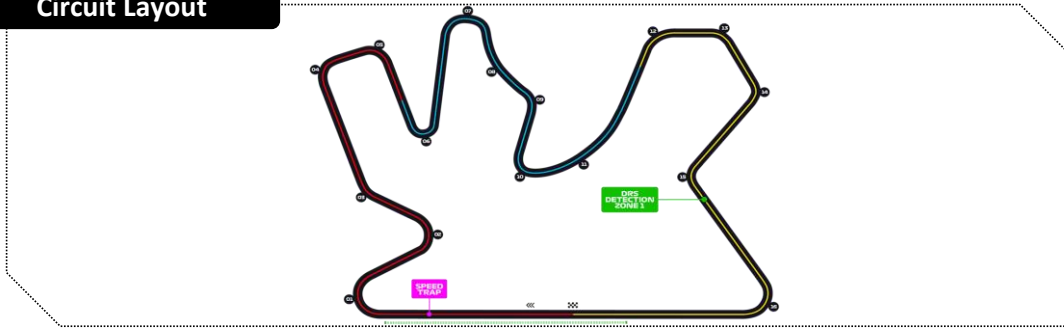
**Title** Event Notes - Pirelli Preview  
**Description** Pirelli Preview  
**Enclosed** 24R23QAT Preview - Issue A.pdf

**Rui Marques**

**The FIA Formula One Race Director**

## Grand Prix of Qatar 29/11-01/12/2024 (24R23QAT)

### Circuit Layout



### Compounds selection

Compound	FL	FR	RL	RR
<b>C1</b>	1F1	1F2	1F3	1F4
<b>C2</b>	2P1	2P2	2P3	2P4
<b>C3</b>	3S1	3S2	3S3	3S4
<b>Intermediate</b>	MW1	MW2	MW3	MW4
<b>Wet</b>	XW1	XW2	XW3	XW4

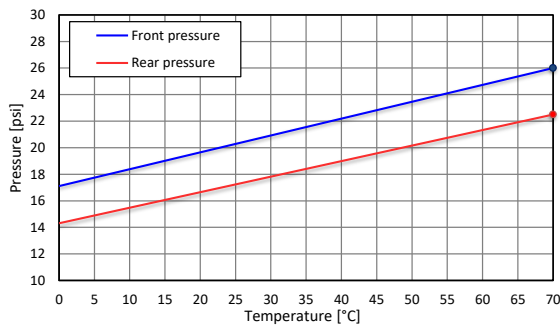
Mandatory race tyres
<b>C1</b>
<b>C2</b>

### Prescriptions

#### Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	26.0 psi	25.0 psi	22.0 psi	≥28.0 psi	-2.75°
<b>Rear</b>	22.5 psi	23.5 psi	20.5 psi	≥24.5 psi	-1.5°

#### Cold Pressure Cooling Curve



$$P_{front} = (T - 70) \cdot 0.127 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.117 + P_{startr}$$

$P_{startf}$ : 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)
<b>Slicks</b>	max. 2h		
<b>Intermediate</b>	max. 2h		
<b>Wet</b>	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.

### Tyre Notes

- Not permitted to switch tyres from their originally allocated position.
- Do not subject tyres to large deformation or heavy impact.
- Do not leave fitted tyres exposed at an air temperature lower than 10°C and/or any excessive UV emission.
- Revised prescriptions could be issued during the race weekend in accordance with TD003.
- Cut-off time for fitting tyres at an event on Sunday morning: 4 hours prior to the race start
- Heating time temperature limits apply to the actual tyre surface temperature measured with the IR gun as detailed in the TD003
- 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
- Cold cooling curve temperature limits apply to the tyre side wall temperature measured with the probe as detailed in TD003

### 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