



FIA FORMULA 1 WORLD CHAMPIONSHIP



# 2024 SAUDI ARABIAN GRAND PRIX

07 - 09 March 2024

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<b>From</b>	The FIA Formula One Race Director	<b>Document</b>	20
<b>To</b>	All Teams, All Officials	<b>Date</b>	08 March 2024
		<b>Time</b>	12:40

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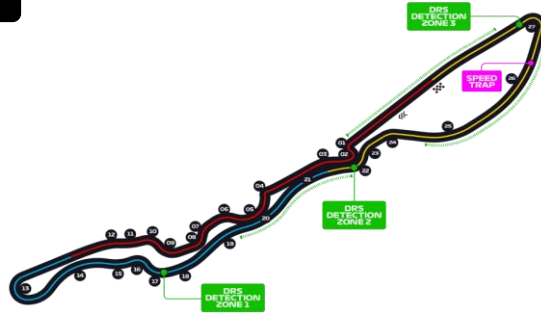
**Title** Event Notes - Pirelli Preview V2  
**Description** Pirelli Preview V2  
**Enclosed** 24R02JED Preview - Issue B.pdf

**Niels Wittich**

**The FIA Formula One Race Director**

**Grand Prix of Saudi Arabia 07/03-09/03/2024 (24R02JED)**

**Circuit Layout**



**Compounds selection**

Compound	FL	FR	RL	RR
<b>C2</b>	2F1	2F2	2F3	2F4
<b>C3</b>	3P1	3P2	3P3	3P4
<b>C4</b>	4S1	4S2	4S3	4S4
<b>Intermediate</b>	MW1	MW2	MW3	MW4
<b>Wet</b>	XW1	XW2	XW3	XW4

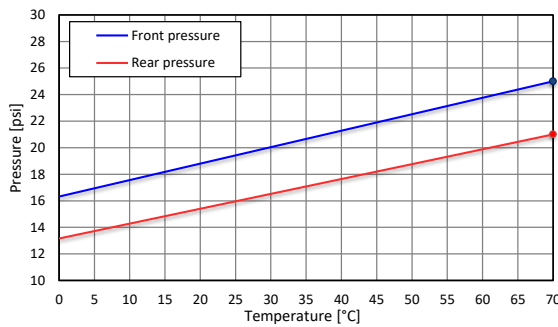
Mandatory race tyres
<b>C2</b>
<b>C3</b>
<b>Q3 tyre</b>
<b>C4</b>

**Prescriptions**

Pressures & camber

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	25.0 psi	25.0 psi	22.5 psi	≥27.5 psi	-3.25°
<b>Rear</b>	21.0 psi	21.5 psi	19.0 psi	≥23.5 psi	-1.75°

Cold Pressure Cooling Curve



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

$$P_{rear} = (T - 70) \cdot 0.112 + P_{startr}$$

*P<sub>startf</sub>*: Minimum starting pressure on the front axle [psi]

*P<sub>startr</sub>*: 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