



# 2023 SINGAPORE GRAND PRIX

15 - 17 September

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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>	13 September 2023
		<b>Time</b>	12:15

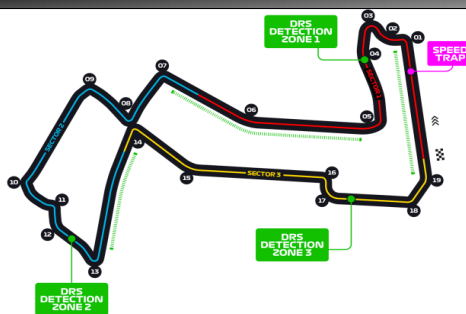
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**Title** Event Notes - Pirelli Preview  
**Description** Pirelli Preview  
**Enclosed** SGP DOC 1 - Pirelli Preview.pdf

**Niels Wittich**

**The FIA Formula One Race Director**

**Grand Prix of Singapore 15/09-17/09/2023 (23R16SIN)**



**Compounds selection**

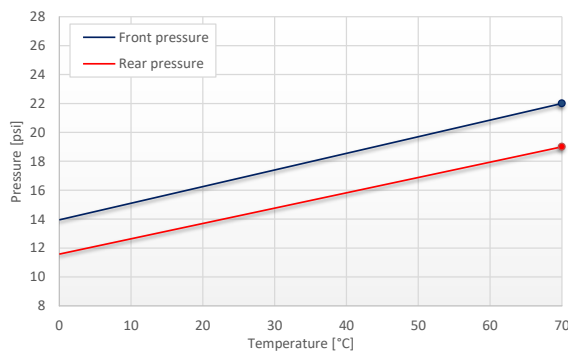
Compound	FL	FR	RL	RR	Mandatory race tyres
<b>C3</b>	3T1	3T2	3T3	3T4	<b>C3</b>
<b>C4</b>	4U1	4U2	4U3	4U4	<b>C4</b>
<b>C5</b>	5V1	5V2	5V3	5V4	
<b>Intermediate</b>	9G5	9G6	9G3	9G4	<b>Q3 tyre</b>
<b>Wet</b>	95R	96R	97R	98R	<b>C5</b>

**Prescriptions**

**Pressures & camber**

	Minimum starting pressure			Expected stabilized running pressure	Camber limit
	Slicks	Intermediate	Wet		
<b>Front</b>	22.0 psi	23.0 psi	20.0 psi	≥23.5 psi	-3.50°
<b>Rear</b>	19.0 psi	19.0 psi	17.0 psi	≥20.5 psi	-2.00°

**Cold Pressure Cooling Curve**



$$P_{front} = (T - 70) \cdot 0.115 + P_{startf}$$

$$P_{rear} = (T - 70) \cdot 0.106 + P_{startr}$$

*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.

**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**

<p>Teams are kindly reminded that the following will be subject to FIA checks during the event:</p> <ul style="list-style-type: none"> <li>• Starting pressures</li> <li>• Cold pressures (according to the cold pressure cooling curves)</li> <li>• Re-heat pressures</li> <li>• EOS Camber</li> <li>• Maximum tyre temperatures and times in blankets</li> <li>• Tyre swapping</li> </ul>
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