



## 2018 BRAZILIAN GRAND PRIX

8 - 11 November 2018

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	3
<b>To</b>	The Stewards	<b>Date</b>	08 November 2018
		<b>Time</b>	12:00

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**Title** Technical Delegate's Report

**Description** PU elements used per driver up to now

**Enclosed** 20 BRA GP 18 TDR1.pdf

**Jo Bauer**

**The FIA Formula One Technical Delegate**

# 2018 BRAZILIAN GRAND PRIX

08 - 11 November 2018

**From :** The FIA Formula One Technical Delegate

**To :** The Stewards of the Meeting

**Date :** 08 November 2018

**Time :** 12:00

## Technical Delegate's Report

The drivers entered in the 2018 Formula One Championship have used the below listed number of power unit elements during this season so far:

			<b>ICE</b>	<b>TC</b>						
			<b>MGU-H</b>	<b>MGU-K</b>						
			<b>ES</b>	<b>CE</b>						
					<b>ICE</b>	<b>TC</b>	<b>MGU-H</b>	<b>MGU-K</b>	<b>ES</b>	<b>CE</b>
<b>N°</b>	<b>Car</b>	<b>Driver</b>	<b>Internal Combustion Engine</b>	<b>Turbo Charger</b>	<b>Motor Generator Unit – Heat</b>	<b>Motor Generator Unit – Kinetic</b>	<b>Energy Store</b>	<b>Control Electronics</b>		
44	Mercedes	Lewis Hamilton	3	3	3	2	2	2		
77	Mercedes	Valtteri Bottas	4	4	4	3	3	3		
05	Ferrari	Sebastian Vettel	3	3	3	2	2	2		
07	Ferrari	Kimi Räikkönen	3	3	3	2	2	2		
03	RBR TAG Heuer	Daniel Ricciardo	5	5	5	5	4	4		
33	RBR TAG Heuer	Max Verstappen	4	4	4	4	3	3		
11	Force India Mercedes	Sergio Perez	3	3	3	2	2	2		
31	Force India Mercedes	Esteban Ocon	3	3	3	2	2	2		
18	Williams Mercedes	Lance Stroll	3	3	3	2	2	2		
35	Williams Mercedes	Sergey Sirotkin	3	3	3	2	2	2		
27	Renault	Nico Hülkenberg	5	6	5	4	4	4		
55	Renault	Carlos Sainz	4	4	4	3	3	3		
28	Toro Rosso Honda	Brendon Hartley	8	8	8	7	3	4		
10	Toro Rosso Honda	Pierre Gasly	8	8	8	6	3	3		
08	Haas Ferrari	Romain Grosjean	3	3	3	2	2	2		
20	Haas Ferrari	Kevin Magnussen	3	3	3	2	2	2		
14	McLaren Renault	Fernando Alonso	4	4	4	4	3	3		
02	McLaren Renault	Stoffel Vandoorne	4	4	4	3	3	3		
09	Sauber Ferrari	Marcus Ericsson	4	3	3	2	3	2		
16	Sauber Ferrari	Charles Leclerc	3	3	3	2	2	2		