

## 2019 GERMAN GRAND PRIX

25 - 28 July 2019

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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>	25 July 2019
		<b>Time</b>	12:00

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**Title** Technical Delegate's Report

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

**Enclosed** 11 German GP 19 TDR1.pdf

**Jo Bauer**

**The FIA Formula One Technical Delegate**

## 2019 GERMAN GRAND PRIX

25 - 28 July 2019

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

**To :** The Stewards of the Meeting

**Date :** 25 July 2019

**Time :** 12:00

### Technical Delegate's Report

The drivers entered in the 2019 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>Internal Combustion Engine</b>		<b>TC</b>	<b>Turbo Charger</b>				
<b>MGU-H</b>	<b>Motor Generator Unit – Heat</b>		<b>MGU-K</b>	<b>Motor Generator Unit – Kinetic</b>				
<b>ES</b>	<b>Energy Store</b>		<b>CE</b>	<b>Control Electronics</b>				
<b>N°</b>	<b>Car</b>	<b>Driver</b>	<b>ICE</b>	<b>TC</b>	<b>MGU-H</b>	<b>MGU-K</b>	<b>ES</b>	<b>CE</b>
44	Mercedes	Lewis Hamilton	2	2	2	2	1	1
77	Mercedes	Valtteri Bottas	2	2	2	2	1	1
05	Ferrari	Sebastian Vettel	2	2	2	2	1	2
16	Ferrari	Charles Leclerc	2	2	2	1	1	2
33	RBR Honda	Max Verstappen	3	3	3	2	2	2
10	RBR Honda	Pierre Gasly	3	3	3	2	2	2
03	Renault	Daniel Ricciardo	3	3	3	2	2	2
27	Renault	Nico Hülkenberg	5	4	4	3	2	3
08	Haas Ferrari	Romain Grosjean	2	2	2	1	2	2
20	Haas Ferrari	Kevin Magnussen	2	2	2	1	2	3
55	McLaren Renault	Carlos Sainz	4	4	4	3	3	3
04	McLaren Renault	Lando Norris	3	3	2	2	2	2
11	Racing Point Mercedes	Sergio Perez	2	2	2	2	1	1
18	Racing Point Mercedes	Lance Stroll	3	3	3	2	1	1
07	Alfa Romeo Ferrari	Kimi Räikkönen	2	2	2	1	2	2
99	Alfa Romeo Ferrari	Antonio Giovinazzi	2	2	2	1	2	3
26	Toro Rosso Honda	Daniil Kvyat	4	4	4	3	3	3
23	Toro Rosso Honda	Alexander Albon	5	4	4	4	2	2
63	Williams Mercedes	George Russell	2	2	2	2	3	3
88	Williams Mercedes	Robert Kubica	2	2	2	2	1	1