



2023 SINGAPORE GRAND PRIX

15 - 17 September

From	The FIA Formula One Technical Delegate	Document	6
To	The Stewards	Date	15 September 2023
		Time	13:30

Title Technical Delegate's Report

Description PU elements used per driver up to now

Enclosed 16 SIN GP 23 TDR1.pdf

Jo Bauer

The FIA Formula One Technical Delegate

2023 SINGAPORE GRAND PRIX

15 - 17 September 2023

From : The FIA Formula One Technical Delegate

To : The Stewards

Date : 15 September 2023

Technical Delegate's Report

The drivers entered in the 2023 Formula One Championship have used the below listed number of power unit elements during this season so far:

ICE Internal Combustion Engine
MGU-H Motor Generator Unit – Heat
ES Energy Store
EX Engine EXhaust system

TC Turbo Charger
MGU-K Motor Generator Unit – Kinetic
CE Control Electronics

N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE	EX
01	RBR RBPT	Max Verstappen	3	3	3	3	2	2	4
11	RBR RBPT	Sergio Perez	3	3	3	3	3	3	4
16	Ferrari	Charles Leclerc	4	4	4	4	3	4	6
55	Ferrari	Carlos Sainz	4	4	4	4	2	2	5
63	Mercedes	George Russell	4	4	4	4	2	2	4
44	Mercedes	Lewis Hamilton	3	3	3	3	2	2	5
31	Alpine Renault	Esteban Ocon	3	4	4	3	2	2	5
10	Alpine Renault	Pierre Gasly	4	4	4	4	2	2	5
81	McLaren Mercedes	Oscar Piastri	3	3	3	3	2	2	5
04	McLaren Mercedes	Lando Norris	4	3	3	3	2	2	6
77	Alfa Romeo Ferrari	Valtteri Bottas	4	4	4	4	2	2	6
24	Alfa Romeo Ferrari	Zhou Guanyu	4	4	4	4	2	2	5
18	Aston Martin Mercedes	Lance Stroll	3	3	3	3	2	2	4
14	Aston Martin Mercedes	Fernando Alonso	3	3	3	3	2	2	4
20	Haas Ferrari	Kevin Magnussen	5	5	5	3	3	3	6
27	Haas Ferrari	Nico Hülkenberg	5	5	5	5	2	3	6
40	AlphaTauri RBPT	Liam Lawson	4	4	4	4	3	3	5
22	AlphaTauri RBPT	Yuki Tsunoda	4	4	4	4	2	2	5
23	Williams Mercedes	Alexander Albon	4	4	4	4	2	2	4
02	Williams Mercedes	Logan Sargeant	3	3	3	3	2	2	4