D.13.3.2 Maximum Fuel/Energy Used

Vehicles whose corrected average fuel consumption per lap exceeds 26 liter/100 km or energy equivalent of (IC) 60.06 $kgCO_2$/100 km or (EV) 20.02 $kgCO_2$/100 km will receive zero points

D.13.3.3 Partial Completion of Endurance

    a.    Vehicles which cross the start line following Driver Change are eligible for Efficiency points

    b.    Other vehicles will receive a score of zero points

D.13.3.4 If damage or a potential environmental hazard (such as fuel tank leakage) exists, the fuel tank will not be refilled and the team will receive zero points for Efficiency

**D.13.4 Efficiency Alternate Scoring (EV Only)**

<mark>Propose to delete this rule</mark>

**D.13.5 Efficiency Scoring**

D.13.5.1 Conversion Factors

Each fuel or energy used is converted using the factors:

    a.    Gasoline / Petrol    2.31 kg of $CO_2$ per liter

    b.    E85    1.65 kg of $CO_2$ per liter

    c.    Electric    0.65 kg of $CO_2$ per kWh

D.13.5.2 (EV only) Full credit will be given for energy recovered through regenerative braking

D.13.5.3 Scoring Term Definitions:

- $CO_2$ min - the smallest mass of $CO_2$ used by any competitor who is eligible for Efficiency

- $CO_2$ your - the mass of $CO_2$ used by the team being scored

- Tmin - the lowest Endurance time of the fastest team which is eligible for Efficiency

- Tyour - same as Endurance (**D.12.13.1**)

- Lapyours - the number of laps driven by the team being scored

- Laptotal Tmin and Latptotal $CO_2$ min - be the number of laps completed by the teams which set Tmin and $CO_2$min, respectively

D.13.5.4 The Efficiency Factor is determined by:

$$\text{Efficiency Factor} = \frac{\text{Tmin / LapTotal}_{\text{Tmin}}}{\text{Tyours / Lap yours}} \times \frac{CO_2 \text{ min / LapTotal}_{CO_2 \text{ min}}}{CO_2 \text{ your / Lap yours}}$$

D.13.5.5 EfficiencyFactor min is calculated using the above formula with:

- $CO_2$ your    (IC) equivalent to 60.06 kg $CO_2$/100km

- $CO_2$ your    (EV) equivalent to 20.02 kg $CO_2$/100km

- Tyour    1.45 times Tmin

D.13.5.6 When the team is eligible for Efficiency. the team score is determined as:

$$\text{Efficiency Score} = 100 \times \frac{\text{Efficiency Factor your - Efficiency Factor min}}{\text{Efficiency Factor max - Efficiency Factor min}}$$