

An aerosol generating device comprising a vaporiser configured to vaporise an aerosol-forming substrate; a battery connected to the vaporiser; a control circuit for controlling the supply of power from the battery to the vaporiser; a memory for storing a usage record of the device; and a replacement indicator for signalling to a user. The control circuit is configured to compare a measured voltage across the battery to a threshold voltage and to generate an error signal to update the usage record if the measured voltage is less than the threshold voltage during an operation cycle. The control circuit is configured to access the usage record and to activate the replacement indicator depending on the status of the usage record.