

NICOTINE EMISSION

The Tobacco Products Directive 2014/40/EU requires that :

“art.20 3 (f) electronic cigarettes deliver the nicotine doses at consistent levels under normal conditions of use;”

To check if cigarette electronic fulfil requirement, nicotine emission is determined by the measurement of the quantity of nicotine emitted at the time of the first, third and fifth series of 20 puffs under the following conditions:

- Puff duration $3 \text{ s} \pm 0,1 \text{ s}$;
- Puff volume $55 \text{ ml} \pm 0,3 \text{ ml}$;
- Puff frequency 2 puffs per minute;
- Puff profile rectangular shape;
- E-liquide A (AFNOR D90-300-3).

Results are in conformity with TPD requirement if nicotine concentration measured for each of the three series must fall under an interval from more or less 25% of the median value of the three series.