

Electronic Nicotine Delivery Systems such as Vaporizers, E-Cigarettes

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Editorial

Electronic nicotine delivery systems are known by a variety of names, including Vapes, vaporizers, vape pens, hookah pens, electronic cigarettes (e-cigarettes or e-cigs), and e-pipes (ENDS). Noncombustible tobacco products are referred to as ENDS. These products use a "e-liquid" that may contain nicotine, as well as flavorings, propylene glycol, vegetable glycerin, and other ingredients of variable compositions. ENDS may be manufactured to look like conventional cigarettes, cigars, or pipes. Some resemble pens or USB flash drives. Larger devices, such as tank systems or mods, bear little or no resemblance to cigarettes [1].

Electronic Nicotine Delivery Systems are regulated by the FDA.

CTP's regulatory power was extended by FDA in 2016 to include all tobacco products, including electronic nicotine delivery systems (ENDS) that fit the definition of a tobacco product. The FDA controls the production, importation, packing, labeling, advertising, marketing, sale, and distribution of ENDS, as well as their components and parts, but not accessories. Components examples

- E-liquids
- An e-liquid vial is a glass or plastic container that holds the e-liquid.
- Cartridges
- Batteries with atomizers
- To modify settings, use a digital display or lighting.
- Systems for holding tanks.

The FDA Center for Drug Evaluation and Research regulates products advertised for therapeutic reasons. When products created or derived from

tobacco are regulated as tobacco goods, pharmaceuticals, or devices, the FDA adopted a rule clarifying this [2].

Making E-Liquids and Electronic Nicotine Delivery Systems

You must follow the manufacturer's specifications whenever you make, change, mix, manufacture, fabricate, assemble, process, label, repack, relabel, or import ENDS. The Office of Small Business Assistance at CTP can respond to specific inquiries concerning small business requirements and how to comply with the law.

On packages and in advertisements, a warning about nicotine addiction is required. Beginning in 2018, all "covered" tobacco products* must include a nicotine addiction warning statement on their packaging and ads. Cigars, which are also "covered" tobacco products, are obliged to include extra warning messages. Please read this summary of federal requirements that shops must follow if you sell ENDS, e-liquids, or their components or parts created or produced from tobacco. The final regulation Deeming Tobacco Products to be Subject to The Federal Food, Drug, and Cosmetic Act includes a list of store duties for ENDS. In addition, our website contains more information on legislation and recommendations, as well as a link to our company [3].

References

1. Glasser AM, Collins L, Pearson JL, et al. (2017) Overview of electronic nicotine delivery systems: a systematic review. *Am. J. Prev. Med* 52:e33-66.
2. Mullard A (2010). FDA drug approvals. *Nat. Rev. Drug Discov.*10:82.
3. Adkison SE, O'Connor RJ, Bansal-Travers M, et al. (2013) Electronic nicotine delivery systems: international tobacco control four-country survey. *Am. J. Prev. Med* 44:207-15.