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## Transportation of Dangerous Goods



# SAFETY ADVISORY

## FIRE RISK OF ELECTRONIC CIGARETTES IN CHECKED BAGGAGE ON BOARD AN AIRCRAFT

RDIMS # 10354611  
February 2016

The purpose of this safety advisory is to advise air operators, passengers and crew of the risks involved in transporting electronic cigarettes (e-cigarettes) in checked baggage on board an aircraft.

E-cigarettes, also called personal vaporizers or electronic nicotine delivery systems, are battery-powered devices that simulate tobacco smoking by producing a heated vapour which resembles smoke. The devices have a heating element to vaporize a liquid solution. They are composed of three main parts:

- a lithium ion battery
- an electronic cigarette cartridge (which may contain nicotine, flavour, fragrance and/or other contents) and
- an atomizer (a device that turns the nicotine solution into a fine mist or vapour)

Electronic cigarettes are being carried by passengers in increasing numbers. Several incidents have been reported involving e-cigarettes overheating through the accidental activation of their heating elements resulting in fires in checked baggage.

For this reason, Transport Canada is advising air operators, passengers and crew of this safety risk and **recommending that e-cigarettes be carried in the cabin**, where an incident can be immediately mitigated, and not in checked baggage.

For more information, please visit the TDG website at <http://www.tc.gc.ca/tdg> or contact a Transport Canada dangerous goods inspector in your region.

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