

[Open Peer Review on Qeios](#)

Coke Oven Emission

National Cancer Institute

Source

National Cancer Institute. *Coke Oven Emission*. NCI Thesaurus. Code C44361.

A complex mixture of dusts, vapors and gases that contains various known or potential carcinogens, including polycyclic aromatic hydrocarbons, formaldehyde, nitrosamines, coal tar and coal tar pitch, cadmium, benzene and arsenic compounds. Coke Oven Emissions are produced during the conversion of coal into coke by heating the coal in the absence of oxygen. Chronic exposure to coke oven emissions in humans results in conjunctivitis, severe dermatitis, and lesions in the respiratory and digestive-tract. Coke Oven Emissions are associated with an increased risk of developing lung, skin, kidney and bladder cancer. (NCI05)