

# It's your health!

Studies have proven that vehicle exhaust emissions are a health hazard.

For over a decade the world health community has been researching the health effects of vehicle exhaust emissions produced by internal combustion engines. The conclusion is that short and long term exposure to diesel, gas and CNG (Compressed Natural Gas) can cause cancer in humans.



The exhaust from all internal combustion engines, including diesel and gasoline-powered engines, contains over 100 individual hazardous chemical components that when combined, can result in as many as 10,000 chemical com-

pounds. A large majority of these compounds are today listed by state and federal regulatory agencies as being cancer causing or suspected carcinogens. For more information, please visit one of the websites shown below.

Chemical	*Health effect
Benzene	Group 1A, carcinogen to humans
Polynuclear aromatic hydrocarbon	Group 2A, suspected human carcinogen
Benzene "alpha" pyrene	Group 2A, suspected human carcinogen
Formaldehyde	Group 2A, suspected human carcinogen
Benzofuran	Group 2B, possibly carcinogenic to humans
Carbon monoxide	Life threatening to humans
Nitric oxides	Life threatening to humans

*\*Data from OSHA.gov/SLTC/dieselexhaust/chemical.html*



Diesel Exhaust Emission Standards  
[www.dieselnet.com/standards](http://www.dieselnet.com/standards)



Canadian Center for Occupational Health and Safety  
[www.ccohs.ca](http://www.ccohs.ca)



National Institute of Safety and Health  
[www.cdc.gov/niosh](http://www.cdc.gov/niosh)



Occupational Safety & Health Administration  
[www.osha.gov/SLTC/dieselexhaust](http://www.osha.gov/SLTC/dieselexhaust)

For more information, please visit one of the websites listed below, or contact your local Fire Organisation.

## Australia



National Occupational Health and Safety Commission  
[www.nohsc.gov.au](http://www.nohsc.gov.au)

## Austria



Österreichischer Bundesfeuerwehrverband  
[www.oebfv.at](http://www.oebfv.at)

## Canada



Canadian Association of Fire chiefs  
[www.cafc.ca](http://www.cafc.ca)

## Peoples Republic of China



China Fire-net.cn  
[www.china-fire.net.cn](http://www.china-fire.net.cn)

## Czech Republic



Ceská Asociace Hasičských Důstojníků  
[www.ca hd.fire.cz](http://www.ca hd.fire.cz)

## Denmark



Ceská Asociace Hasičských Důstojníků  
[www.ca hd.fire.cz](http://www.ca hd.fire.cz)

## Finland



Finnish Rescue Network  
[www.rescue112.net](http://www.rescue112.net)

## Germany



Deutscher Feuerwehrverband  
[www.dfv.org](http://www.dfv.org)

## Great Britain



The Chief and Assistant Chief Fire Officers' Association  
[www.fire-uk.org](http://www.fire-uk.org)

## Greece



Hellenic Association of Fire Service Officers  
[www.eaps.gr](http://www.eaps.gr)

## Ireland



Chief Fire Officer's Association (CFOA) Ireland  
[www.cfoa.net](http://www.cfoa.net)

## Malaysia



Malaysian Fire Protection Association  
[www.e-mfpa.org/home2.cfm](http://www.e-mfpa.org/home2.cfm)

## The Netherlands



Nederlandse Vereniging voor Brandweerzorg en Rampenbestrijding  
[www.brandweer.nl](http://www.brandweer.nl)

## Norway



Norsk Brannbefals Landsforbund  
[www.nblf.no](http://www.nblf.no)

## Portugal



Associação Nacional de Bombeiros Profissionais  
[www.anbp.pt](http://www.anbp.pt)

## Spain



Asociación Profesional de Técnicos de Bomberos  
[www.emersis.org/emergencia.112](http://www.emersis.org/emergencia.112)

## Sweden



Svenska Brandförsvarsförningen  
[www.svbf.se](http://www.svbf.se)

## USA



National Fire Protection Association, NFPA-1500-A.9.1.6  
[www.nfpa.org](http://www.nfpa.org)



Fire & EMS Resource Center  
[www.fire-ems.net](http://www.fire-ems.net)

## Asia



IFCCA International Fire Chiefs Association of Asia  
[www.fc aj.gr.jp/asia](http://www.fc aj.gr.jp/asia)

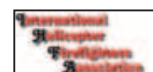
## International standards



International Associations of Fire Chiefs  
[www.iafc.org](http://www.iafc.org)



International Associations of Firefighters  
[www.iaff.org](http://www.iaff.org)



International Helicopter Firefighter Association  
[www.ihogman.com](http://www.ihogman.com)