



Q-F & Dust Collection Opportunities in

Fire Department Diesel Exhaust Systems

Firefighters are exposed to a large amount of toxins in the environment on a daily basis, due to exhaust fumes within their fire stations. As a result of the combustion process, diesel engines used in fire apparatus produce a mixture of toxic gases in significant concentrations and other volatile organic compounds. Human exposure to diesel exhaust has been declared a potential cancer causing hazard by both NIOSH and OSHA.

Nordfab Ducting used in a diesel exhaust system can help alleviate this problem.



The most effective method of limiting the exposure to diesel exhaust is the Exhaust Source Capture System. Inside the fire station a pneumatic nozzle, connected via hose to a ducting system above, is attached to the Fire truck's tailpipe where it captures the fumes and then easily pulls them out of the building.

Currently over 1000 California and Pacific Northwest firehouses use this system and the number continues to grow. This system can also be easily modified if more fire trucks are added or upgraded in size. Nordfab Ducting is very versatile and can make these upgrades hassle free and easy.



The Exhaust Source Capture method is also becoming more common in truck and motor coach fleet repair centers, garages, and automotive dealerships. With increased awareness of the dangers of diesel fumes and increased government focus on worker safety, this is a growing market in all sections of the country.

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