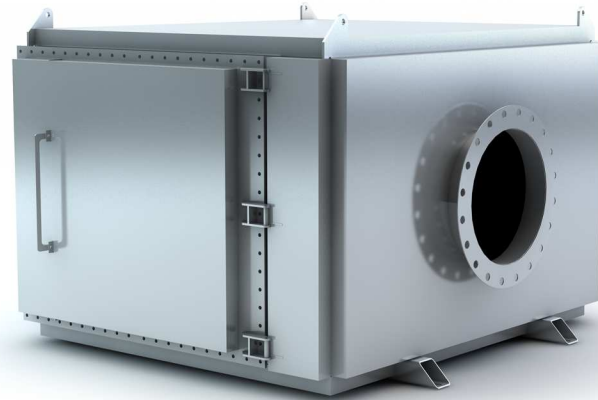


FOx® leading PM reduction rates and superior DPF regeneration

The FOx® Advantage

- Over 90% PM and CO reduction
- Optional silencing up to 42 dBA reduction
- Passive regeneration using integrated DOC
- Low Pressure Drop, Options from 6" WC
- Highly customizable inlet & outlet location
- Floor, ceiling hung or container mounted options
- Easy addition to almost any Engine



A cost effective solution to eliminate smoke, odor and noise problems associated with emergency generators

Highly Optimized Design

Safety Power FOx® (Filter Oxidizer) DPF has been optimized for high performance low back pressure Particulate Matter (PM) emission reductions. The system ensures compliance with the most stringent Best Available Control Technologies (BACT) requirements.

There are several standard configurations available to easily integrate into your existing space. Depending on project requirements, the FOx® can also come equipped with our unique pressure relief system. The relief system is a safety feature that is essential for sites that could conduct large numbers of cold starts during engine commissioning.



Proven Technology, Global Experience

With a complete family of emission control products and installations at hundreds of sites, Safety Power is a leader and innovator in the industry. Our systems are used by some of the most recognized corporations including major banks, data centers, utilities, grocery stores and landmark facilities.

The FOx® module is a pre-packed solution that takes Safety Power's large scale catalytic technology and provides a solution not previously available in a cost effective package for smaller generators as low as 100kW.

Safety Power's full family of FOx®, ecoCUBE® and ecoTUBE™ provide emission control solutions for engines of all size, 100kW-20MW.



A multi-engine SCR project in the final stages of production.

FOx[®] with DPF, DOC & Silencing

Superior Performance

Our DPF filter formulations are custom tailored to ensure very low passive regeneration temperatures. Most engines will achieve passive regeneration at 530°F.

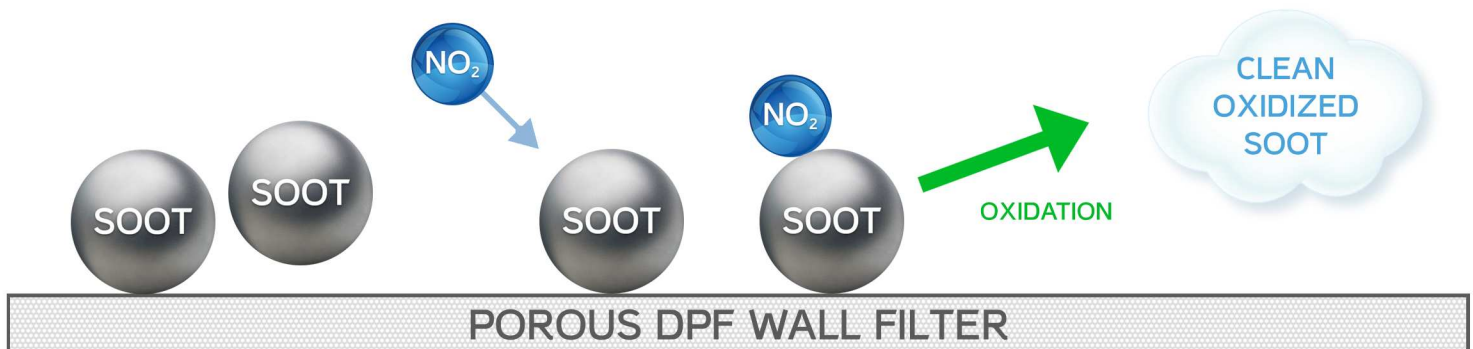
Passive regeneration occurs very quickly and is ideal for standby or emergency applications that are concerned about PM emissions.



Diesel Particulate Filters (DPF) and Diesel Emissions

The first stage of the FOx[®] system is a Diesel Oxidation Catalyst (DOC). The catalyst is specially formulated to oxidize CO and remove unburned hydrocarbons that create unpleasant odors. The highly harmful CO is typically reduced by 90-95%. Unburned hydrocarbons are typically reduced by 90%. Independent testing has proven that this treatment will virtually eliminate any odor.

The second stage is a wall flow filter. It is made of specialized ceramic material that is designed to catch the tiny particulates that are not oxidized in the first stage of the FOx[®] system. The particulates accumulate in the extensive channel network of the filter. The DOC is also essential in facilitating passive regeneration in the DPF. At temperatures above 530°F, the DOC will oxidize NO to NO₂ which, in turn, will oxidize soot that accumulated on the DPF and thereby passively regenerating the filter. The filter effectively eliminates smoke coming from the generator.



Learn about how our emission control systems work, emission regulations and much more by watching our educational videos at:

www.safetypower.ca/video

About Us

Safety Power is the global innovator in emissions control for large scale diesel and natural gas engines. The company manufactures the FOx[®], ecoCUBE[®] and ecoTUBE[™] range of products that reduce NO_x, CO and Hydrocarbon emissions on engines from 100kW to 20,000 kW and beyond.

For more information please contact info@safetypower.ca

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