Diesel oxidation catalyst - DOC

Prepare for decarbonization







CatEMission's Diesel Oxidation Catalyst (DOC) system is a state-of-the-art solution for significantly reducing harmful emissions from diesel engines and industrial flue gases. The system employs a catalytic converter that promotes the oxidation of exhaust gases.

Components ensuring cleaner emissions and contributing to the efficiency of the downstream process – pollution control systems.



DOC System - Reduction Standard

KEY BENEFITS

1.

Effective Emissions Control: Converts carbon monoxide (CO), hydrocarbons (HC), and VOCs into carbon dioxide (CO2) and water, effectively reducing pollutants.

2.

Customizable substrates: Available with ceramic, silicon carbide, or metal substrates, designed to fit any specific vessel and reduction levels.

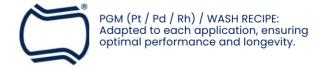
3.

Odor reduction: The oxidation process significantly reduces the odor of diesel emissions, contributing to a more pleasant environment.

COMPLIANCE

The DOC system is specifically designed to help meet strict emissions standards.

CERTIFICATIONS AND APPROVALS



The system has been rigorously tested and proven to achieve significant reduction in hydrocarbons (HC, PAH), VOCs, and CO.