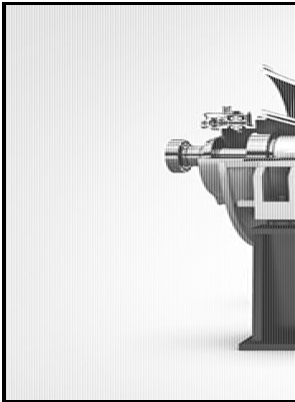


# Emissions from a gas-burning pulse combustor

Middlesex University - Pulse combustion: recent applications and research issues



Description: -

-Emissions from a gas-burning pulse combustor

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## First of its kind emissions

The swirling main air naturally tends to entrain the pilot flame and quench it.

## Emissions Formation In Gas Turbine Combustors

In this latter case, generation of biogas cannot normally be interrupted and a gas flare is employed to maintain the internal pressure on the biological process. The main mixer includes swirler vanes that are configured to inject fuel into the main mixer. EPAs addresses air emissions of electricity generation from different sources.

## Gas flare

Aviation gas turbine alternative fuels: A review. Because the fuel-air mixture throughout the combustor is fuel-lean, DLE combustors typically do not have dilution holes. So, in order to reach the future emission goals new approaches in combustor designing are required that will focus on the simultaneous reduction of all emissions.

## Emissions from a gas

Experimental investigation of spray characteristics of alternative aviation fuels.

## Emissions Characteristics of a Turbine Engine and Research Combustor Burning a Fischer–Tropsch Jet Fuel

The obstacle to commercially viable pulse combustion worldwide has been that, until now, no-one could find a way to keep a pulsing flame burning at low levels where pulse combustion offers both great heat output and reduced energy consumption.

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