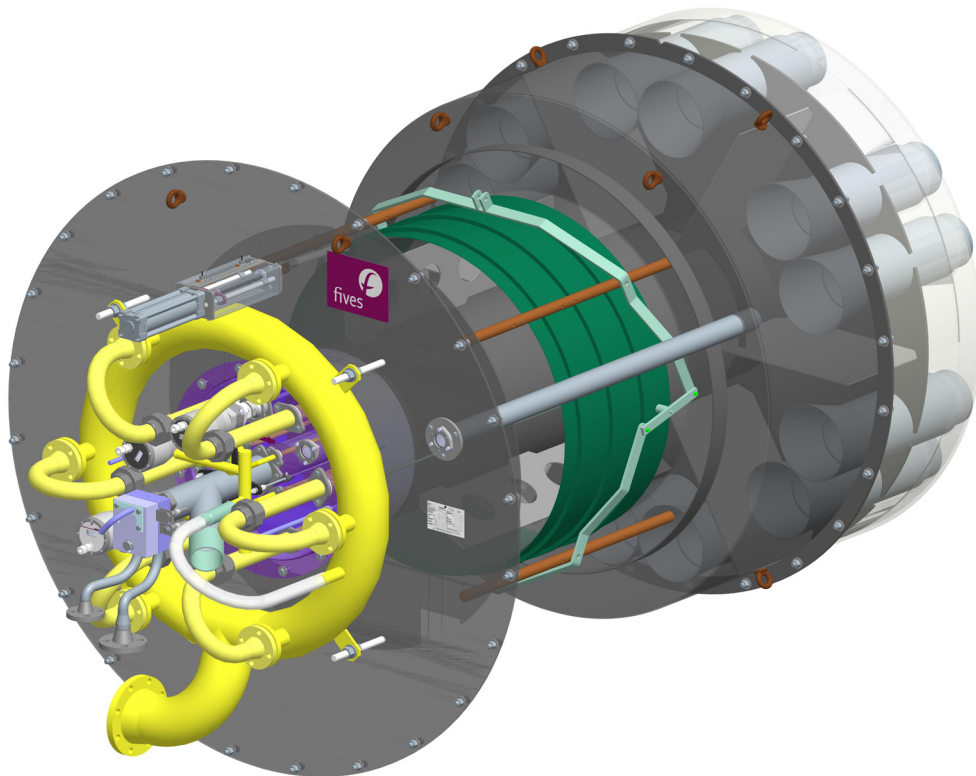


# Pillard LONO<sub>x</sub>FLAM<sup>®</sup> AS

## Oil and gas burner



Best Available Technique (according to European standard) ensuring the lowest NO<sub>x</sub> emissions in fuel oil firing.

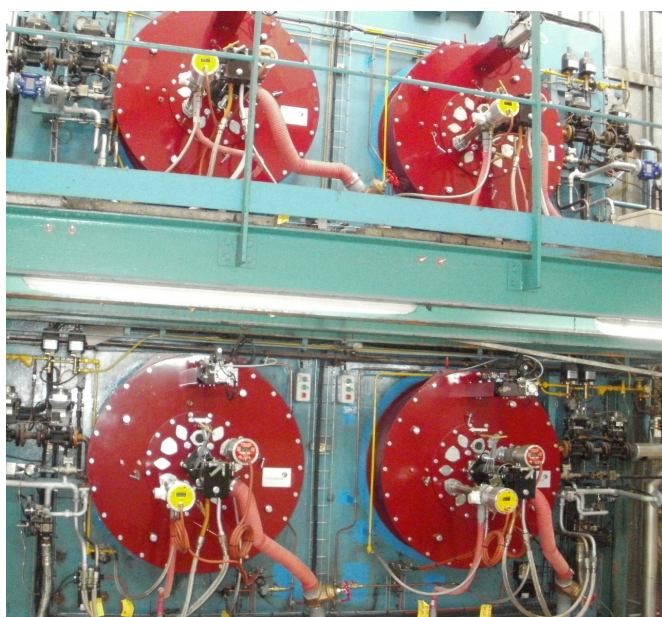
- Fitted for industrial water tubes boilers (front and tangential)
- Very low NO<sub>x</sub> and CO emissions: 2010/75/UE compliant in NG, HFO and DO firing
- High thermal efficiency operation ( $O_2 \leq 3\%$ )
- All type of fuels fired: liquid (DO, HFO) and gaseous (NG, biogas, hydrogen, process gases)

# The Best Available Technique for the lowest NOx emissions in fuel oil firing

Pillard LONoxFLAM® AS burner is a low NOx burner dedicated to fuel oil firing (HFO, DO, acrylics).

## INNOVATIVE TECHNOLOGY

- Split-up of fuel-oil flames and fuel gas flames
- Combustion air staging
- Auto recirculation of flue gases
- Secondary air injections right in front of each flame dart
- Double stage fuel-oil atomisation



## ULTIMATE RELIABILITY

- High flame stability
- Low excess air
- Low emissions of unburnt carbon
- Low emissions of CO and NOx (-50 %)
- Possibility to add external flue gas recirculation when needed (in tough cases)

## EASY MAINTENANCE

- Simple equipment
- Burner accessories complying with criteria of maximum reliability:
  - Gas-electric ignitors complying with the NFPA standards
  - Flame detectors complying with EC standards and APAVE, EDF approved

## APPLICATION

- Thermal power station
- Water tubes utility boilers

Many references of Pillard LONoxFLAM® AS burners worldwide. List available on demand.

Key features	
Range of heat release	8 to 50 MW per unit
Turn down ratio	1 to 5 or more according to conditions
Flame dimensions	Similar to standard (non low-NOx type) GRC burners
Combustion air temperature	Up to 400°C
Combustion air pressure drop	200 to 250 DaPa
Emissions	In compliance with European standards (2010/75/CE)
Fuels	Light oil, high viscosity oils, N°6 heavy oil Natural gas, refinery gas, process gas

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## CONTACT

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