

# Petrochemical applications



Ultimate combustion solutions and service to optimize process and environmental performance

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- Proven and pioneering technologies
  - Superior performance and low emission
  - A complete range of equipment and accessories

# Maximize efficiency, reduce emission and ensure safety

With a strong legacy based upon the most renowned names of the market - **ITAS, North American and Pillard**, Fives helps customers exceed their objectives in terms of energy consumption, polluting emission and improved production and quality. From design, manufacture, installation, commissioning and customer technical support throughout the equipment lifecycle, Fives offers ultimate solutions to its customers and drives projects as a true partner.

## Utility boiler burners



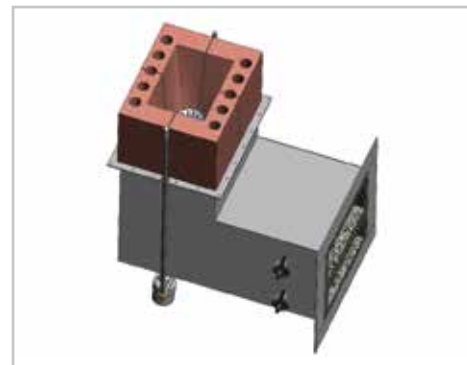
- Pillard LoNOxFlam
- Pillard ReburnFlam
- Pillard InductFlam
- Power burners

## Oxidizers and VOC treatment



- ITAS range:
- Oxidation systems (thermal, regenerative)
  - Activated carbon systems for solvent recovery
  - Wet removal units with washing towers and scrubbers

## Process burners



- Pillard OptimaFlam
- ITAS range:
- Burners for reformers, crackers, fired heaters etc.
  - Flat flame or round flame configuration
  - Gas fuels, combined oil & gas fuels
  - BMS, PLC systems
  - Full-scale firing test

## Flares systems



- ITAS range:
- Elevated flares
  - Ground flares
  - Bio-gas flares
  - Flares tips
  - Flares system design and components
  - Demountable flares

## Sulfur Recovery Units



- ITAS and Pillard ranges:
- Burners for the Claus desulfurization process for reaction furnaces
  - Complete tail gas incinerators and auxiliary burners
  - ITAS complete SRU packages including reactors furnace and recovery boilers