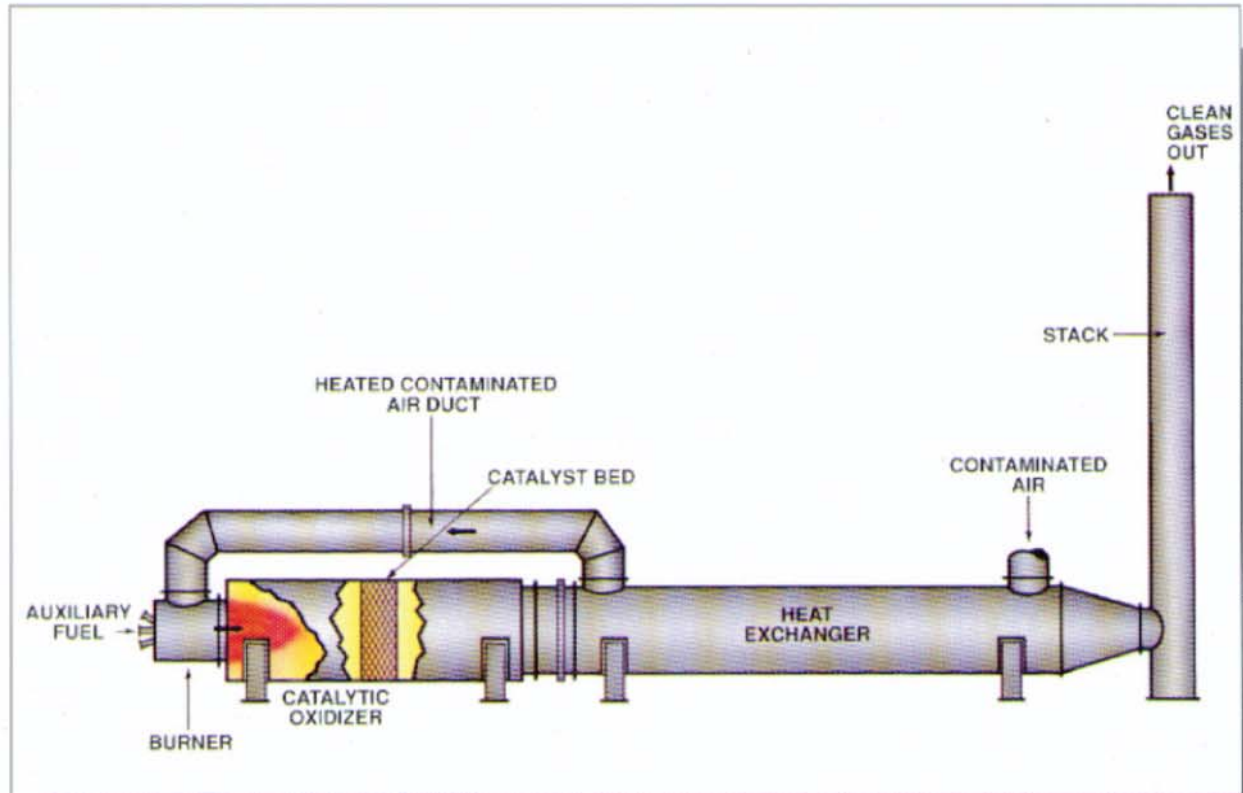




Organic vapors from industrial and commercial processes may create contaminated air streams which cannot be released into the atmosphere untreated. Incineration effectively eliminates these harmful organics. A catalytic oxidation process is often the best choice.

Advantages Zink offers:

- Lowest fuel consumption
- Total system integration
- 40 years of specialization in incineration systems
- Best burner technology in the industry
- All major components built in John Zink's shop



John Zink's Catalytic Oxidizer destroys organic contaminants in air at much lower temperatures than those required in conventional incinerators. When combined with a heat exchanger to recover heat from the flue gas, fuel usage is significantly lowered, resulting in greatly reduced operating costs.

Contaminated air enters the system at the heat exchanger, and heat recovered from the flue gas raises the air temperature. Fuel fired into the front of the catalyst chamber further increases and maintains the optimum temperature required for the catalyst. The high surface-area platinum-group-metals catalyst increases the oxidation rate so that a 95% to 99% destruction efficiency is achieved at lower temperatures.

John Zink's Thermal Oxidizer is used in cases where waste streams are not suited to catalytic oxidation. Some contaminants may be incompatible with the catalyst, or the concentration may be too high or too widely varied.

JOHN ZINK

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