

THERMAL OXIDIZER SYSTEMS

PCC is the market leader in the design and supply of advanced, custom-designed Thermal Oxidation Systems for the destruction of industrial waste gases and liquids. Our expertise includes advanced low emission systems, multi-staged low NOx incineration, low BTU gas burning, thermal destruction of nitrogen bearing compounds, waste heat recovery and hundreds of engineered projects to meet customer's unique requirements.

PCC provides you with cost effective oxidation equipment for your liquid and gaseous waste disposal project. From the skid mounted oxidizer to the massive fully integrated systems utilizing acid gas scrubbers, heat recovery and steam generation, we do it all.



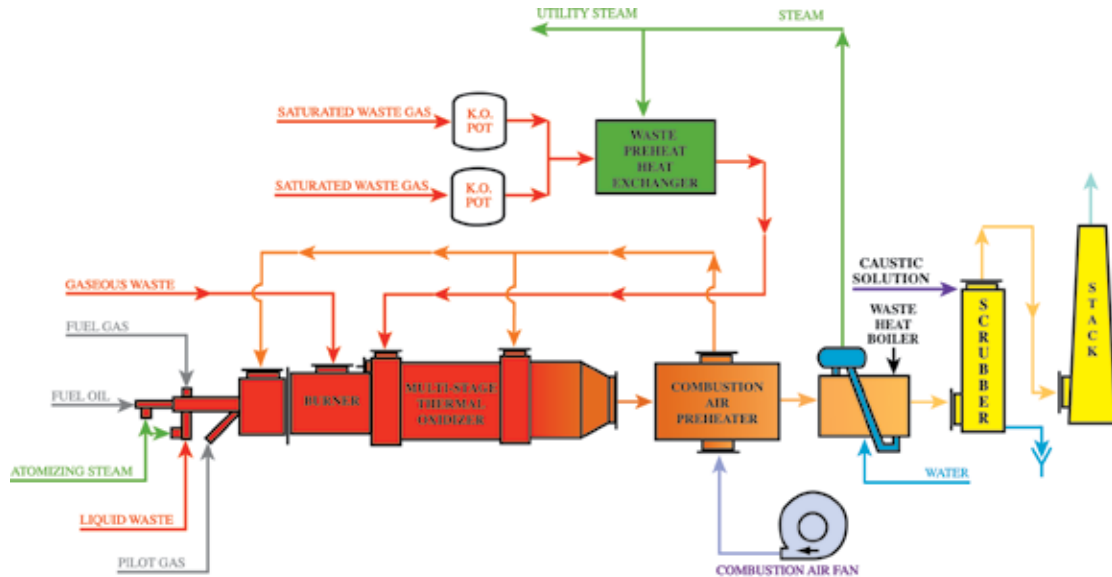
The Right Equipment for the Job

Whether the application requires a standard "off the shelf" oxidizer or a custom designed system, PCC performs for you.

Our team of application and design engineers understands the need for integration of equipment and accessories from the customer's perspective. Our personnel bring a wide range of experience in global industries such as petrochemical, pharmaceutical, pulp and paper, mining and minerals, organic and inorganic chemicals and automotive, to name a few.

Bringing projects to fruition within the initial time schedule and budget has become a hallmark of the PCC organization.

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TYPICAL FULLY INTEGRATED THERMAL OXIDATION SYSTEM

Typical Wastes

- Acrylonitrile
- Terephthalic Acid
- Butanediol
- Mercaptanes
- Low BTU Gases
- VOC's
- Waste Oils
- Butyl Chloride
- Phosphine
- Hydrogen Cyanide
- Toluene
- Benzene
- Halogenated Hydrocarbons
- Trichloropropene
- Maleic Anhydride
- Dibutyl Phthalate
- Trifluoroacetic Acid
- Chloridated Hydrocarbons

Industries Served

- Petrochemical
- Man-made Fibers
- Petroleum
- Pulp & Paper
- Automotive
- Energy
- General Manufacturing
- Pharmaceuticals
- Animal rendering



US Headquarters 

5460 Horning Road
Pittsburgh, PA 15236
(412) 655-0955 Phone
(412) 650-5569 Fax
pcc@pcc-sterling.com
www.pcc-sterling.com

China Office 

Room 608, Xianglong Bldg.
No. 311, Guanganmen Nei St.
Xincheng District, Beijing, China 100053
+86-10-83131505 / +86-10-832169678
kyao@pcc-sterling.com
www.pcc-sterling.com

United Kingdom Office 

Brunel Road, Rabans Lane
Aylesbury, Bucks HP193SS ENGLAND
+44 (0) 1296 487171 Phone
+44 (0) 1296-436805 Fax
mail@pcc-sterling.co.uk
www.pcc-sterling.com