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General Incineration

ThermaTran offers a wide range of fume, liquid and selected solids incineration, heat recovery, and cleanup techniques to its clients. Several examples of different systems are included in this brochure for your consideration. ThermaTran can be of service to your company in a number of different ways:

- General Thermal and Catalytic Oxidization systems custom designed to your needs.
 - A large array of heat recovery techniques used alone or in combinations to maximize the heat recovery from the Oxidation process. Concepts include:
 - A. Direct waste stream preheat
 - B. Process Stream Heat Recovery
 - C. Direct Combustion Air Preheat
 - D. Heat medium Systems including pump sets, expansion tanks, and control packages. Types of systems include Hot Oil, Glycol/ Water systems and other process fluids.
 - E. Hot Water (Economizer) systems for boilers.
 - F. Steam Superheat systems.
 - G. Heat Recovery Steam Generators.
 - H. Direct flue gas / air building air heating packages.
 - I. Miscellaneous other possibilities.
 - A large number of flue gas clean up possibilities including
 - A. Liquid and Dry Scrubbers.
 - B. Liquid Absorbers.
 - C. Bag Houses
 - D. Activated Carbon Filters
 - E. Miscellaneous other possibilities.
- Specific emission control packages include:
 - A. Selective Catalytic DeNO_x packages (SCR).
 - B. Selective Non Catalytic DeNO_x packages (SNCR).
 - C. Catalytic CO Oxidation systems.

D. Halogen removal systems

E. Miscellaneous other possibilities

- Best available technology for combustion and other process control packages.
- Assistance in reviewing and designing upgrade, revision to and debottlenecking of existing facilities to assure compliance with local and state environmental requirements. Additionally ThermaTran possesses the capability of adding new waste streams to existing units, evaluating the results and proposing and providing modifications to handle the change.

No matter how large or small your waste destruction problem, ThermaTran can provide a quality, economical solution that maximizes the return of the spent energy to your operating environment thus reducing your overall operating budget. After review of the following examples of ThermaTran solutions please feel free to call us at:

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