

# THERMAL OXIDIZER

## METHOD OF ABATEMENT

A Thermal Oxidizer (also known as thermal oxidiser, or thermal incinerator and often referred to as a direct fired oxidizer or afterburner) is a process unit for air pollution control that decomposes hazardous gases at a high temperatures and releases heat (which can be recovered), water vapor, and carbon dioxide into the atmosphere.



## ADVANTAGES

- Thermal Oxidizers are widely considered to be a more cost sensitive option, compared to other chemical abatement systems,
- Solid, in-house construction, for extended use
- No flame visibility
- Quicker start-up
- Typically, one of the most affordable option for pollution control equipment
- DTFOs can also be more fuel efficient, when combined with heat exchangers, and downstream boilers.
- Long service life
- Minimal heat emitted
- Minimal noise pollution
- Smokeless combustion
- Custom designs, ready to use, that allow room for expansion, and system flexibility.
- Multiple safety shut-offs and features
- User friendly
- Our In-House produced control panels set us apart!
- UL Rated
- Remote access for monitoring and controls
- Remote service support