

# Request for RTO Canister Design (British Units)

Please Provide as Much Information As Possible

Fax completed form to 617-265-2797

Questions? Call: 617-265-2171

## Design Basis

Source of Contaminated Air:

Contaminants:

Average VOC Loading:

 % of LEL, or  lb/hour

Peak VOC Loading:

 % of LEL or  lb/hour

Peak Particulate Content:

 gr/scf

Peak Water Vapor Content:

 % (v/v)

Inlet Air Flow:

 scfm

Inlet Air Temperature:

 °F

Comments:

## Oxidizer Characteristics

Combustion Chamber Temperature:

 °F

Desired Thermal Energy Recovery:

 % of available heat

Desired Thermal Efficiency:

 % of preheat energy

Average Burner Air Flow (during operation):

 scfm

Number of Heat-Recovery Canisters:

Average Purge Air Flow (if >2 canisters):

 scfm

Valve Switch Time:

 sec/canister

Total Cycle Time:

 seconds

Allowable Pressure Drop:

 in. WC

Comments:

## Upgrading an Existing Oxidizer?

**If so...** If a new RTO, proceed to "**Contact Info**".

Canister Dimensions (inside insulation):

 ft x ft, or  diameter ft

Current Type of Media

Current Depth of Media

 ft

Current Thermal Energy Recovery

 %

Current Pressure Drop

 in. WC

**Contact Info ----->**

**Lantec will only reply to design inquiries with contact information completed below:**

Your Name

Company Name

Company Address

Telephone Number

Email

**Comments**

**Fax completed form to: (617) 265-2797**