

Request for RTO Canister Design (Metric 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 mg/Nm³, or kg/hour

Peak VOC Loading:

 % of LEL or mg/Nm³, or kg/hour

Peak Particulate Content:

 mg/Nm³

Peak Water Vapor Content:

 % (v/v)

Inlet Air Flow:

 Nm³/hr

Inlet Air Temperature:

 °C

Comments:

Oxidizer Characteristics

Combustion Chamber Temperature:

 °C

Desired Thermal Energy Recovery:

 % of available heat

Desired Thermal Efficiency:

 % of preheat energy

Average Burner Air Flow (during operation):

 Nm³/h

Number of Heat-Recovery Canisters:

Average Purge Air Flow (if >2 canisters):

Valve Switch Time:

 sec/canister

Total Cycle Time:

 seconds

Allowable Pressure Drop:

 mbar

Comments:

Upgrading an Existing Oxidizer?

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

Canister Dimensions (inside insulation):

 mm x mm, or diameter mm

Current Type of Media

Current Depth of Media

 mm

Current Thermal Energy Recovery

 %

Current Pressure Drop

 mbar

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 617-302-3694