

# 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:	<input type="text"/>
Contaminants:	<input type="text"/>
Average VOC Loading:	<input type="text"/> % of LEL, or <input type="text"/> mg/Nm <sup>3</sup> , or <input type="text"/> kg/hour
Peak VOC Loading:	<input type="text"/> % of LEL or <input type="text"/> mg/Nm <sup>3</sup> , or <input type="text"/> kg/hour
Peak Particulate Content:	<input type="text"/> mg/Nm <sup>3</sup>
Peak Water Vapor Content:	<input type="text"/> % (v/v)
Inlet Air Flow:	<input type="text"/> Nm <sup>3</sup> /hr
Inlet Air Temperature:	<input type="text"/> °C
Comments:	<input type="text"/>

## Oxidizer Characteristics

Combustion Chamber Temperature:	<input type="text"/> °C
Desired Thermal Energy Recovery:	<input type="text"/> % of available heat
Desired Thermal Efficiency:	<input type="text"/> % of preheat energy
Average Burner Air Flow (during operation):	<input type="text"/> Nm <sup>3</sup> /h
Number of Heat-Recovery Canisters:	<input type="text"/>
Average Purge Air Flow (if >2 canisters):	<input type="text"/>
Valve Switch Time:	<input type="text"/> sec/canister
Total Cycle Time:	<input type="text"/> seconds
Allowable Pressure Drop:	<input type="text"/> mbar
Comments:	<input type="text"/>

## Upgrading an Existing Oxidizer?

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

Canister Dimensions (inside insulation):	<input type="text"/> mm x mm, or <input type="text"/> diameter mm
Current Type of Media	<input type="text"/>
Current Depth of Media	<input type="text"/> mm
Current Thermal Energy Recovery	<input type="text"/> %
Current Pressure Drop	<input type="text"/> 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 617-265-2797**