



# PROCESS COMBUSTION CORPORATION

*Serving Industry Since 1969*

## OXIDATION TECHNOLOGIES SHORT SEMINAR

April 4, 2017

Presented by PCC and LAMAR UNIVERSITY



**LAMAR UNIVERSITY**  
MEMBER THE TEXAS STATE UNIVERSITY SYSTEM

### Convenient Location

**APRIL 4, 2017**

LAMAR UNIVERSITY  
Center for Innovation,  
Commercialization, and  
Entrepreneurship  
First Floor - Training Room  
5091 Rolfe Christopher Drive  
Beaumont, TX 77705

### Presentation Agenda:

**Fundamentals of Combustion:** Terminology, Combustion Chemistry, Industrial Burners, Combustion Safety (BMS, NFPA 85/86), Flue Gas Analysis

**Design and Operation of Thermal Oxidizers:** Terminology, Applications, Basic Design, System Integration, Gas Streams, Liquid Streams

**Energy Recovery for Combustion Systems:** System Energy Balance, Sensible Heat Recovery, Steam Generation, Advanced Electrical Generation Techniques

**NOx Emission Control Techniques:** NOx Chemistry, NOx Emissions Mechanisms, Combustion, Process and Post Combustion NOx Controls, Carbon Dioxide, Global Warming

**Alternate Control Technologies:** Overview of other Environmental Control Technologies

### Seminar Schedule:

7:30 – 8:00 a.m.	Registration
8:00 - 12:00 p.m.	Presentations
12:00 – 1:00 p.m.	Lunch/Networking

### WHO SHOULD ATTEND?

Managers,  
Design Engineers,  
Technology Directors,  
Group Leaders, Plant  
Engineers and Plant  
Operators.

Persons responsible  
for the operation,  
design, selection and/or  
maintenance of thermal  
oxidizers and auxiliary  
equipment.

### WHAT WILL YOU LEARN?

Students will learn the  
fundamentals of system  
operation and safety  
as well as advanced  
techniques of heat  
recovery and energy  
efficiency.

Additionally there will  
be the opportunity to  
interface with industry  
peers and design  
specialists.

The seminar is designed  
for a half day to  
accommodate busy  
schedules.

### CONTINUING EDUCATION UNITS

Seminar attendees are  
eligible to receive a  
certificate for four (4)  
Continuing Education  
Units.

### SEMINAR REGISTRATION FEE

\$65.00/attendee

**STUDENT DISCOUNT:**  
\$25.00/student

*(Includes refreshments,  
networking lunch and  
CEU Certificate)*

# PROCESS COMBUSTION CORPORATION

Thermal and Bio Oxidizers - Short Seminar Registration

**DEADLINE TO REGISTER: MARCH 30, 2017**

## Attendee Information:

First Name: Last Name:

Company: Title:

Phone: E-mail:

Address: Amount of Payment: \$65.00 OR \$25.00

Address 2: Method of Payment:

City: State: ZIP

Company Check  
Credit Card (complete below)

## Credit Card Information:

Type: American Express Discover Mastercard VISA

Name on Card: Card Number:

Exp Date (MM/YY): CCV Code: (3 or 4 digit) Cardholder Billing Address:

City: State: ZIP

## Authorized Signature:

### TWO EASY WAYS TO REGISTER

**EMAIL:** Send completed form to:  
Lduval@pcc-sterling.com

**FAX:** 412.650.5569  
Attention: Leah Duval

A confirmation e-mail will be sent to the e-mail address listed above once the registration form is received and processed.

A \$20 cancellation fee applies to cancellations less than 10 days before the seminar date.



OXIDATION TECHNOLOGIES

Serving Industry since 1969

www.pcc-sterling.com

FOR A BETTER ENVIRONMENT



## DATE & LOCATION

APRIL 4, 2017

LAMAR UNIVERSITY  
CICE TRAINING RM,  
1ST FLOOR  
5091 Rolfe Christopher Drive  
Beaumont, TX 77705

## PRICING

Seminar cost is  
\$65.00/Non-Student  
\$25.00/Student

## CONTINUING EDUCATION UNITS

Seminar attendees are eligible to receive a certificate for four (4) Continuing Education Units

## TOPIC AGENDA

Fundamentals of Combustion

Design and Operation of Thermal Oxidizers

Energy Recovery for Combustion Systems

NOx Emission Control Techniques

Alternate Control Technologies