

Callidus Burner and Flare School



Necesita diseñar, mantener o implementar su sistema o equipo de combustión?

Este curso permitirá a los asistentes:

- Diferenciar los distintos tipos de quemadores de proceso y flares, con sus respectivas aplicaciones
- Reconocer la normativa aplicable
- Comprender la metodología de diseño y etapas de implementación de un proyecto
- Realizar consultas individuales con los ingenieros de Callidus

Beneficios

La planificación e implementación eficiente de un proyecto optimiza el retorno de inversión del mismo.

El mantenimiento eficiente de sus componentes mejora la disponibilidad y confiabilidad de los sistemas.

Contenido

October, Tuesday 19 (Burners)

- Introduction
- Basic Combustion and General Heater Operation
- General Burner Design
- CRG Burner
- Low NOx Burner Design
- CUBL Burner
- Refinery Heater Applications
- Cracking Furnace Burner Technology

October, Wednesday 20 (Burners)

- CUB-LX Burner Technology
- Reformer Furnace Burner Technology
- Computational Fluid Dynamics (CFD Modeling)
- Burner Trouble Shooting
- Pilot and Igniter Design
- Misc. Burner Design Considerations

October, Thursday 21 (Flares)

- Introduction to Callidus
- Introduction to Flares
- Hydraulic Capacity
- API 521 (Introduction / capacity)
- Types of Flares
- Radiation
- Radiation Prediction
- Stack Construction & Other Concerns
- Smoke Control
- Noise
- Environmental Conditions

October, Friday 22 (Flares)

- Pilots
- Ignition Equipment
- Purge Reduction
- Knockout Drums
- Liquid Seals
- Flare Tip Types:
 - Un-assisted (low pressure)
 - Steam assisted
 - Gas assisted
 - Low pressure air assisted
 - Self assisted (high pressure drop designs)
 - Hybrids and new designs
- Totally Enclosed Ground Flare (TEGF)
- Open Ground Flare
- Regulations
- Tools
- One on One meeting (bring your questions)

Información complementaria

Duración: 4 días

El curso es gratuito!

Lugar de dictado: Hotel NH, Cerrito 156, Ciudad de Buenos Aires

Idioma de dictado: Inglés

Fecha de dictado: 19 al 22 de Octubre del 2010

Horario de dictado: de 8.45 a 17.30 hs

Para solicitar más información por favor escriba a rosa.torchia@honeywell.com o llame al 011-43245926

Callidus Burner and Flare School Course agenda



October, Tuesday 19

Introduction	8:45 AM
Basic Combustion and General Heater Operation	
General Burner Design	
Break	11:00 to 11:15 AM
CRG Burner	
Lunch	12:00 PM
Low NOx Burner Design	12:30 PM
CUBL Burner	
Refinery Heater Applications	
Break	3:00 to 3:15 AM
Cracking Furnace Burner Technology	
One on One (Bring your questions)	4:00 to 5:30 PM

October, Wednesday 20

CUB-LX Burner Technology	8:45 PM
Reformer Furnace Burner Technology	
Break	10:00 to 10:15 AM
Computational Fluid Dynamics (CFD Modeling)	
Burner Trouble Shooting	
Lunch	12:00 PM
Pilot and Igniter Design	12:30 PM
Misc. Burner Design Considerations	
One on One meeting	2:15 to 5:00 PM

October, Thursday 21

Introduction	8:45 AM
Introduction to Callidus	
Introduction to Flares	
Hydraulic Capacity	
Break	10 to 10:15 AM
API 521 (Introduction / capacity)	
Types of Flares	
Radiation	
Radiation Prediction	
Stack Construction & Other Concerns	
Lunch	12:00 PM
Smoke Control	12:30 PM
Noise	
Break	2:00 to 2:15 PM
Environmental Conditions	
User's Input	
One on One meeting (Bring your questions)	4:00 to 5:30 PM

October, Friday 22

Pilots	8:45 AM
Ignition Equipment	
Purge Reduction	
Knockout Drums	
Liquid Seals	
Break	10:00 to 10:15 AM
Flare Tip Types:	
Un-assisted (low pressure)	
Steam assisted	
Gas assisted	
Low pressure air assisted	
Self assisted (high pressure drop designs)	
Hybrids and new designs	
Totally Enclosed Ground Flare (TEGF)	
Open Ground Flare	
Regulations	
Tools	
Lunch	12:00 to 1:00 PM
One on One meeting (bring your questions)	1:00 to 2:00 PM