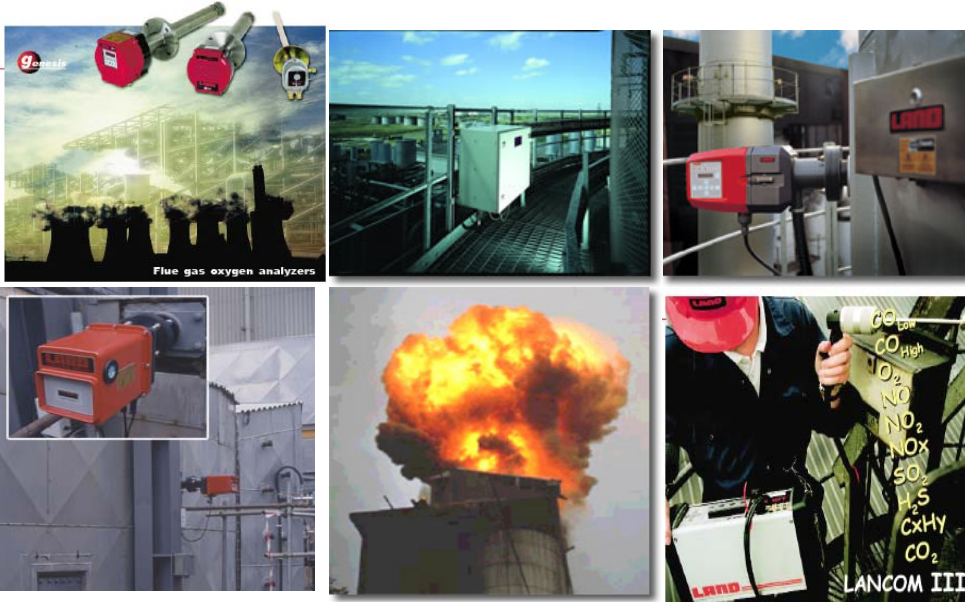


Combustion Efficiency and Environmental Emissions Monitoring



CEMS SEMINAR

สัมมนาเชิงวิชาการระบบการวัดประสิทธิภาพการเผาไหม้ แบบ ON-LINE
สำหรับผู้ที่เกี่ยวข้องโดยตรงกับ ระบบ CEMS

2 Days Seminar for Emission Monitoring System &
Combustion Efficiency Control

On 9th September 2009 at Mandarin Hotel

or

On 11th September 2009 at Golden City Rayong Hotel

*** (600 Baht/ Person/Date) ***

Present by:

Mr. Rubin Huang – Area Manager, Pacific Rim
AMETEK Process Instruments

Mr. Korpong Kanjanapiya – Manager
INTECH 2000 Co., Ltd.

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EMISSION EFFICIENCY

CONTINUOUS EMISSION MONITORING SYSTEM SEMINAR

LAND
An AMETEK Company



Combustion & Environmental Monitoring

Emissions & Combustion Monitoring Seminar

Land Instruments International specialists in the design and manufacture of flue gas analyzers and on line temperature measurement system for improving combustion efficiency, plant safety and environmental emissions monitoring. Land Instruments International has been a leading supplier industrial instrumentation for over 60 years and is now part of the highly successful AMETEK Group

1. Combustion Efficiency

(a) Oxygen Monitoring

A review of the theory, applications, benefits and current options for continuous, in-suit oxygen analysis in improving efficiency in combustion processes..

(b) CO Monitoring

In-suit measurement of Carbon Monoxide using IR spectroscopic technique, A review of the theory, application, advantages, and current options for continuous, in-suit, cross-stack CO monitoring improving efficiency in combustion processes.

(c) Periodic Analysis

The cost effective solution for small applications and non-continuous analysis.

(d) Acid Dewpoint Monitoring

LAND's world renowned and unique solution to monitoring the causes of plant corrosion from combustion of sulphur bearing fuels.

(e) Coal fire detection

- (i) Coal Mill Fire Detection
- (ii) Conveyor Fire Detection
- (iii) Coal Pile Fire Detection

(f) Improving Gas Turbine Efficiency using Infrared Pyrometer

2. Environmental Emissions Monitoring

(a) Portable Gas Analysis

an in-depth look into the use of modern, Industrial portable analyzers for multi-component gas analysis.

(i) Theory

Theory of operation and practical design considerations-Incredible functionality and measurement options packed into a small box.

(ii) Practical demonstration

A hands-on demonstration of gas analysis

(b) Continuous Emissions Monitoring

An overview of the considerations involved in the selection and operation of Continuous Emissions Monitoring Systems (CEMS)

(i) Multi-Gas Analysis

Overcoming the traditional problems associated with Continuous Emissions Monitoring. A modern approach to instrument design.

(ii) Opacity and Dust Monitoring

A review of some of the techniques offered for monitoring of Particulates Smoke and Opacity. A perspective on the world's number one standard choice for dust monitoring.

(iii) Data Acquisition Systems

The importance of reliable data gathering and production of reports.

(iv) International Legislation/ Thai Legislation

Compliance-The driving force behind the investment.

(v) New generation for Opacity and CEMS

3. Analysis Brainstorming for Thai Industry.