

# JOIN THE EXPERT FOR BASIC ULTRASONIC TECHNOLOGY ON CONDITION MONITORING

Wednesday, Oct 6<sup>th</sup>, 2010 in Rayong & Friday, Oct 8<sup>th</sup>, 2010 in Bangkok



**Ultraprobe<sup>®</sup> 15,000 Touch**

From the manufacturers of the world's leading ultrasonic detection systems.

	Spectral Analysis		dB Display		Temperature Display (w/out dB)
	Historical Records		Input Additional Test Data		Valves Test Display
	Temperature & dB		Setup for Instrument Functions		Emissivity Adjustments
	Camera		View Uploaded Route		
	View Image and Take Photo		Store Test Data		



**AST**

MOST VALUED GLOBAL PROVIDER OF PREDICTIVE MAINTENANCE

**Ultrasonic Technology is one of the more useful technologies in our condition monitoring tool box for all types of plant equipment and systems. We would like to introduce yours to join the meeting for knowing more about the technology and application now.**

The following items will be included at our one-day meeting:

- Basic Sound Theory
- Ultrasonic Equipment Information
- Ultrasonic Applications introduction
- Integrate Ultrasonic Technology
- Basic Software Setup (Data Manage)
- Basic Sound analysis software (with Application Sample)
- Basic Reporting Setup (Sound Imaging)
- Successful cases for saving money in those applications



In this course, we hope that the students can have the basic idea for handling your ultrasonic equipment and study the knowledge of ultrasonic equipment usage. It is a good opportunity for you to learn more about modern technology.

You can take complete control of your inspection system — put a condition monitoring program in the palm of your hand!

# AGENDA

Time	Topic
08:30 - 09:00	• <b>Registration</b>
09:00 - 10:15	• <b>Introduction of Basic Ultrasonic Technology Theory</b> By Mr. Haydn Shum, Ultrasonic Level II Certified, Asia Pacific Regional Manager, UE Systems
10:15 - 10:30	• <b>Coffee Break</b>
10:30 - 11:30	• <b>Equipment Information &amp; Leakage Applications</b> By Mr. Haydn Shum, Ultrasonic Level II Certified, Asia Pacific Regional Manager, UE Systems
11:30 - 12:00	• <b>Case Study</b> By Guest Speaker from UE SYSTEMS customers
12:00 - 13:15	• <b>Lunch</b>
13:15 - 13:45	• <b>Predictive Maintenance Integrated Technology</b> By Mr. Pairoj Vongatilug, Managing Director, Advance Siam Tech Co.,Ltd.
13:45 - 15:00	• <b>Bearing Detection &amp; Electrical Applications</b> By Mr. Haydn Shum, Ultrasonic Level II Certified, Asia Pacific Regional Manager, UE Systems
15:00 - 15:15	• <b>Coffee Break</b>
15:15 - 16:00	• <b>Software Introduction</b> By Mr. Haydn Shum, Ultrasonic Level II Certified, Asia Pacific Regional Manager, UE Systems
16:00 - 16:45	• <b>Case Study</b> By AST staffs
16:45 - 17:00	• <b>Q/A</b>

**Course Fee: 3,500.00 THB**

“Early Bird” discount 20% registered within September 22<sup>nd</sup>, 2010 (need to be paid first)

Please fax/email your reply by 1<sup>st</sup> October 2010 to confirm your participation.

We look forward to your participation!

# REGISTRATION

## To Register:

### Roadshow: Rayong

Date : 6<sup>th</sup> October 2010  
Time : 08:30-17:00  
Location : Kantary Bay, Rayong

### Roadshow: Bangkok

Date : 8<sup>th</sup> October 2010  
Time : 08:30-17:00  
Location : Dusit Princess Srinakarin, Bangkok

I will attend:

- Rayong Roadshow
- Bangkok Roadshow

**Tel** : 02-7214191-2 **Fax:** 02-721 4190 or

**Email** : [netnapa@advancesiam.com](mailto:netnapa@advancesiam.com)

**Attn** : Ms. Netnapa Sansamart, Advance Siam Tech Co., Ltd.

Name : \_\_\_\_\_

Job Title : \_\_\_\_\_

Company : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

Tel : \_\_\_\_\_ Fax : \_\_\_\_\_

Email : \_\_\_\_\_

# UE SYSTEMS APPLICATIONS



## Data Based Mechanical Inspection/Trending

- Bearing Conditions
- Rubbing Conditions
- Cavitations
- Gears/Gear Boxes
- Pumps/Motors
- Lack of Lubrication



## Data Based Leak Detection/Energy Audits

- Compressed Air/Gases
- Vacuum Leak
- Seals and Gaskets
- Condenser Tubes
- Cockpit Windows
- Boilers/Heat Exchangers
- Valves/Stream Traps



## Data Based Electrical inspection

- Arcing
- Tracking/Corona
- Switchgear
- Transformers
- Insulators
- Relays
- Bus Bars

