COMFORI
Connecting Business with Intelligence

# HVAC, CENTRIFUGAL PUMP, ENERGY EFFICIENCY & OPTIMIZATION OF FACILITIES EQUIPMENT

## OVERVIEW

This course is to let the participants to understand on the working principle of air conditioning systems, the functions of centrifugal pumps in air conditioning systems, and how to optimize the energy efficiency on the facilities equipment. The workshop approach is a combination of formal presentation, interactive discussion, photo and case studies on the client's factory. Through this approach, participants will be able to learn the actual case studies for better understanding on air conditioning & mechanical ventilation systems as well as the proper sizing, selection, installation, appropriate maintenance and the correct use of air conditioning & mechanical ventilation system.

## TARGET MARKET

Facilities engineers, maintenance engineers, design engineers and anyone who would like to widen their knowledge on the theory of pumps.

## OBJECTIVES

- Understand the benefits and implications of pump engineering problem solving programs, and relate the concepts to the overall business mission and objectives
- Learn the various types of centrifugal pumps, their functions and terminologies used
- Understand the design methodologies for centrifugal pumps

## COURSE OUTLINE

- Introduction
- Psychometrics
- Heat Transfer & Cooling Load
- Air Delivery System
- Piping Systems
- Type of Air Conditioning Systems
- Type of Pump
- Energy Efficiency & Optimization in Facility Equipment

SBL CLAIMABLE

Technical Series

BEST TRAINING PROVIDER Award 2011 BY PSMB

CELEBRATING 13 Years OF CULTIVATING YOUR EMPLOYEES' POTENTIAL

THE BRAND LAUREATE THE SMEs BESTBRANDS 2011 IN THE ASIA PACIFIC

**If you have any enquiries, please contact:**
**+60 (3) 5621 3630 or email:**
**info@comfori.com**