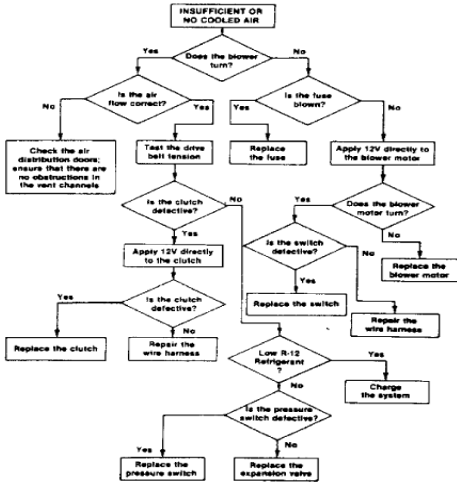


OPERATING PROCESS & MAINTENANCE OF CENTRALIZED AIR CONDITIONING SYSTEM

'THE ART OF LIFELONG LEARNING'



Course Objective:

The program covers all discussions on air-conditioning and refrigeration systems.

Modules included are:

- ◆ Refrigeration and Air conditioning Technologies
- ◆ Latest methods to transfer Air Conditioning
- ◆ Effective maintenance and trouble-shooting practices

Course Methodology

A combination of interactive understanding to the basic principle in Refrigeration and Air Conditioning Systems with effective methods understand the Operating System and to carry out maintenance job in your current system.



Who Should Attend

- ◆ Technical Managers , Heads of Department, Technical Officers and Maintenance Supervisor
- ◆ Engineers, Technical Supervisors and Assistants



Date :

Please Refer To Web

Venue :

Please Refer To Web

Duration :

2 Days

Trainer :

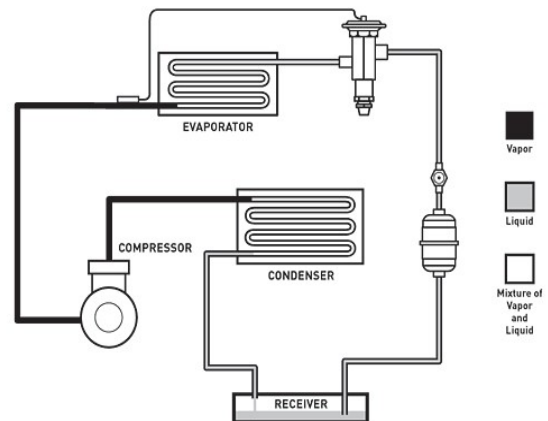
Joseph Clarence A/L
Emmanuel Michael

Medium :

English & Bahasa

Program Schedule

Registration	: 8.30 Am
Morning Session	: 9.00 Am - 10.30 Am
Morning Tea	: 10.30 Am - 10.45 Am
Lunch	: 1.00 Pm - 2.00 Pm
Afternoon Session	: 2.00 Pm - 3.30 Pm
Afternoon Tea	: 3.30 Pm - 3.45 Pm
End	: 5.00 Pm



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Course Content

Day One

Introduction

- ◆ Basic working processes of heat transfer through
- ◆ Convection, Radiation, Vaporisation and Condensation
 - ◆ Basic Réfrigérations Cycle - Block dia gram

Basic standards on heat measuring units

- ◆ Imperial
- ◆ Metric

Cooling Requirements

- ◆ Compressors – Types
- ◆ How each type of compressor works?

Evaporators

- ◆ How it operates?
- ◆ Types of Evaporators – wet and dry

Issues of concern during operation

- ◆ Items to inspect.

Day Two

Condenser

- ◆ How it operates?
- ◆ Types and how the condensers are cooled?

Metering Devices

- ◆ Control the rate of liquid
- ◆ Set the difference between low and high pressure area.

Introduction

- ◆ Air Conditioning Requirements
- ◆ Air Cooling Cycle and Current Systems

Air conditioning System Accessories

- ◆ Types of Accessories

Trouble shooting guide

- ◆ Pump
- ◆ Compressor
- ◆ Delivery line pressure too high/low
- ◆ Suction line pressure too high/low
- ◆ Problems at electric motor

Methods of Submitting Issues/Problems to Management

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Trainer Profile's

JOSEPH CLARENCE A/L EMMANUEL MICHAEL

En Joseph adalah seorang tenaga pengajar dan penyelidik yang mempunyai lebih daripada 25 tahun pengalaman dalam bidang kejuruteraan mekanikal dan penyelenggaraan. Beliau memulakan kerjayanya selama 14 tahun di SAE (Singapore) sebagai Ketua Unit Senggaraan didalam bidang pembinaan kapal terbang termasuk pengurusan dan penyelenggaraan **SISTEM PENYEJUKAN DAN PENYAMANAN UDARA** untuk bangunan meletak kapal terbang (hangar) dan kapal terbang .

Selepas pengalaman di industri pembinaan kapal terbang, beliau telah bekerja sebagai Ketua Jabatan Mekanikal selama 9 tahun di sebuah institusi pengajian tinggi dan melibatkan diri di dalam dokumentasi untuk Kementerian Pendidikan(LAN) serta bersyarah ditahap ijazah sarjana muda kejuruteraan mekanikal. Sebahagian dari tugas beliau adalah mengajar matapelajaran seperti **SISTEM PENYEJUKAN DAN PENYAMANAN UDARA** termasuk senggaraan yang berkesan. Penglibatan ini dapat membawa pelajar beliau untuk menjadi pekerja yang berkesan dan berkualiti di tempat kerja mereka.

Beliau telah menganjurkan kursus ini sebagai konsultant luaran untuk memberi pekerja keluasan pengetahuan supaya bila mereka dberi berbagai keadaan rekabentuk dan penyelenggaraan, pekerja yang terlibat dapat memilih system yang paling bermanfaat kepada syarikat mereka. Organisasi-organisasi termasuk Dunlop Malaysia, Sirim Bhd, Rubberflex Bhd, Mardec S/B, Mattel (KL) S/B, Fujitsu Component (M) S/B, Penang Port S/B, Gas Petronas di Paka serta beberapa organisasi yang lain.

Penceramah Kursus ini mempunyai kelayakan professional sebagai jurutera mekanikal dan berkelulusan Sarjana Muda Kejuruteraan dan Sarjana Kejuruteraan dari universiti-universiti terkemuka tempatan dan luar negeri. Penceramah kursus juga mempunyai sijil kelayakan/kompetensi pelatih dari HRDF. (S/N : TTT 0044)

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Registration Form

OPERATING PROCESS & MAINTENANCE OF CENTRALIZED AIR CONDITIONING SYSTEM

DATE: Please Refer To Web **VENUE:** Please Refer To Web

PLEASE COMPLETE THIS FORM AND EMAIL

amirul@aslpublicworkshop.com **or** FAX : +603 - 55480024

PARTICIPATION FOR TWO DAYS WORKSHOP FEE :

Price : Please Refer To Web

3 Promo Awaits You!!

PARTICIPANT'S NAME :

Name : _____

Position: _____ Dept: _____

DL : _____ HP: _____

Email: _____

Name : _____

Position: _____ Dept: _____

DL : _____ HP: _____

Email: _____

Name : _____

Position: _____ Dept: _____

DL : _____ HP: _____

Email: _____

Company Name: _____

Address _____

City: _____ Postcode: _____

Tel : _____ Fax: _____

Authorization (Signatory must be authorized on behalf of the company)

Name: _____

Position: _____ Department : _____

DL: _____ Email : _____

Signature: _____ Date: _____

This booking is invalid without a signature & company stamp.

TERMS & CONDITIONS:

1. Workshop Fee is not inclusive of accommodation and transportation

2. Fees are inclusive of program materials and refreshments.

3. Payment Terms - Following completion and return of the registration form, full payment is required within Ten (10) working days upon the issuance of invoice or a letter of undertaking(LOU) .Payment or LOU must be received prior to the conference/ training date. A receipt will be issued on payment. Due to limited conference/ training seats, we advise early registration to avoid disappointment.

4. **CLIENT'S CANCELLATION/SUBSTITUTION** Client's cancellation must be received in writing by MAIL or FAX two (2) weeks prior to the event in . All bookings carry a 50% cancellation liability should the notice given is less than two(2) weeks. and 100% cancellation liability 4-days prior to the event Non-payment or non-attendance does not constitute cancellation.

(However, complete set of documentation will be sent to you. Substitutions are welcomed at any time. All cancellations of registration must be made in writing)

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