

THE HONG KONG AIR CONDITIONING AND REFRIGERATION ASSOCIATION LIMITED

香 港 空 調 及 冷 凍 商 會 有 限 公 司

Room 1801, Tung Wai Commercial Building,
109-111 Gloucester Road, Wanchai, Hong Kong
Fax : (852) 2519 0298
Web Site : www.acra.org.hk
E-mail : info@acra.org.hk

Ref: ACRA/BC01/01048
January 4, 2008

Dear Members,

Sub: Training for Workers in Handling HFC & Blend Type Refrigerants
For Architectural Services Department Contracts

The Architectural Services Department will soon implement a certification scheme on workers with recognized training in handling HFC and blend type refrigerants so that they can be qualified to service refrigeration equipments such as chillers and DX split units for Arch SD contracts.

In the initial launch stage, there should be not less than 25% of the relevant workers (or 1 worker minimum) at the job sites who should have received this recognized training for the Arch SD contracts where refrigeration equipments are to be serviced. Nevertheless, the ultimate goal is to require all the relevant workers being certified under the scheme.

To comply with new requirement, we are going to launch a 2nd training program with Vocational Training Council in February 2008 for our members which will include a 1/2-day classroom training and a 1-day practical workshop training at the Institute of Vocational Education. The candidate should be **technician grade** with the following qualifications:

- (a) Minimum 3 years relevant working experience in servicing refrigeration equipments and minimum F.3 qualification or Craft Certificate in related disciplines from Institute of Vocational Education;
OR
- (b) Minimum 5 years relevant working experience in servicing refrigeration equipments

Attached please find the enrolment form and the numbers of seats are limited to 80. The completed form should be endorsed by the employer and should be returned to Ms. Penny Cheng by fax at 2243 4032 for enrolment on/before **January 21, 2008**. Successful applicants will be notified in writing by return fax. Upon admission, the course fees should be paid by crossed cheque payable to "The Hong Kong Air Conditioning and Refrigeration Association Limited" before commencement of the course. A certificate will be issued to the candidates upon completion of the training course.

Thank you for your kind attention.

Yours faithfully,
The Hong Kong Air Conditioning
and Refrigeration Association Limited

(Bill W P Cheung)
Council Member
Encl.



THE HONG KONG AIR CONDITIONING AND REFRIGERATION ASSOCIATION LIMITED

香 港 空 調 及 冷 凍 商 會 有 限 公 司

Room 1801, Tung Wai Commercial Building,
109-111 Gloucester Road, Wanchai, Hong Kong
Fax : (852) 2519 0298
Web Site : www. acra.org.hk
E-mail : info@acra.org.hk

Ref: ACRA/BC01/01048

Fax To: Ms. Penny Cheng

The Hong Kong Air Conditioning & Refrigeration Association of Hong Kong Limited
c/o York International (Northern Asia) Ltd.
(Fax No. : 2243 4032)

Re: Training for Workers in Handling HFC & Blend Type Refrigerants

We would like to register the following applicant(s) to attend the captioned training course and certify that the applicant(s) have fulfilled the minimum requirement of working experience and academic qualification.

Details of Training:

a) Classroom Training:

Time: 9:00am to 1:00pm on February 2, 2008

Venue: Institute of Vocational Education (Morrison Hill) at 6 Oi Kwan Road, Wan Chai, HK

b) Practical Workshop Training:

Time: Class #1 : 9:00 am – 5:00 pm Feb 18, 2008

Class #2 : 9:00 am – 5:00 pm Feb 19, 2008

Class #3 : 9:00 am – 5:00 pm Feb 20, 2008

Class #4 : 9:00 am – 5:00 pm Feb 21, 2008

ACRA will assign students to the respective classes

Venue: Pokfulam Training Centre Complex, 145 Pokfulam Road, HK

c) Course Fee: HK\$1000.00 per Person

No.	Name (BLOCK LETTER)	Working Experience (Years)	Qualifications
1			
2			
3			
4			

Please attach proof of qualifications as specified in the requirements for each applicant and use separate sheet for additional applicants.

Company Name : _____

Company Address : _____

Contact Person : _____

Contact Tel / Fax. No. : _____



Ref: ACRA/BC01/01048

Contents of Training

A) Classroom Training:

- Physical Properties of HFC & Blend Type Refrigerants
- Handling Precautions of Refrigerants
- Handling Precautions of Pressurized Container
- Basic Tools & Safety Apparatus
- Brazing
- Leak Detection
- Pressure Test
- Vacuum Test
- Refrigerant Charging
- Refrigerant Recovery
- Lubrication Oil
- Summary

B) Practical Workshop Training:

- Demonstration of the operation of a refrigeration system.
- Practice of purging of a refrigeration system using nitrogen gas.
- Practice of pressure testing of a refrigeration system.
- Practice of evacuation of a refrigeration system by a vacuum pump.
- Practice of refrigerant charging (vapour charging & liquid charging, care of HFC & blend refrigerants)
- Practice of refrigerant leak testing.
- Practice of a refrigeration system pumping down.
- Practice of refrigerant recovery and recycling procedures using a recovery/recycling machine.
- Practical tests on refrigeration system pumping down, evacuation, charging and recovery procedures.

