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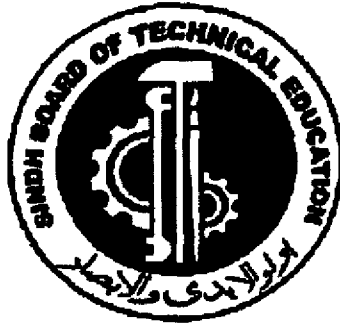
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Final Report
to
Train Service Technicians in Sindh Pakistan
Refrigerant Management Plan for Pakistan 2nd Trench
UNIDO Project code: MP/PAK/04/142, 6th September 2005

25th July 2007

Sindh Board of Technical Education
ST-22, Block 6, Gulshan-e-Iqbal
University Road, Karachi Pakistan
www.sbte-edu.net

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Synopsis:

The aims of UNIDO contract No. 16001010 to develop the overall plan of the training scheme to cover the province of Sindh, Pakistan through the establishment of three training centers in Karachi, Hyderabad and Sukkur, and to execute the national technicians training program has satisfactorily been completed as per schedule. However, few batches were extended till 5th May 2007.

Final Report:

This report is prepared and submitted to fulfill the requirements laid down in Contract No. 16001010 between UNIDO and SBTE called UNIDO Project No. MP/PAK/04/142 dated 11th May 2006.

The introductory details on different aspects of the project have already been submitted earlier in the 1st Progress Report, which is appended in Annexure-A for ready reference. Following aspects are covered in the 1st Progress Report:

1. Overall Plan of the Training Scheme and Publicity of the Program
2. Training Centre in Sindh
3. Training Course and Schedule of Execution
4. Selection of Trainees
5. Training Material & Training Manual
6. Assignment of Trainees
7. Opening Ceremony of the Program and Linkage with the Department of Environment & Alternative Energies

In the 2nd progress report, it was pointed out that the response of the applicants for RMP training has been good in the city of Karachi where seven hundred applications were received. The response in Hyderabad and Sukkur was also found satisfactory. The RMP training of 217 trainees (19 batches) was completed in the year 2006.

The RMP training program comprised of 39 batches of 440 trainees in all — 21 batches of 260 trainees at Karachi center, 9 batches of 90 trainees at Hyderabad Center and 9 batches of 90 trainees at Sukkur Center. 19 batches completed their training in the year 2006, the remaining 20 batches completed their training by 5th May 2007.

All 440 technicians acquiring training program were selected from the on-job employees of different workshops, technical institutes and public/private sector organizations. Most of these trainees (approx. 85%) belong to different workshops located in the local markets. The remaining 15% trainees belong to different organization / Institutions directly involved in RAC applications.

It may be recalled that the RMP training program was introduced to train refrigeration technicians in the province of Sindh to train the participants on the proper

methods of performing repairs, maintenance and installation of refrigeration and air conditioning equipment to avoid leaks and unnecessary emissions of CFCs. The training included the following aspects:

- 1) Elements of Ozone depletion and their effects.
- 2) The relation with Montreal Protocol controlled refrigerants.
- 3) Methods of appropriate servicing and maintenances practices for ODS containing refrigerant equipment.
- 4) Equipment working with new replacement refrigerants.
- 5) Leak detection.
- 6) General concepts of refrigerant recovery and recycling.
- 7) Correct handling of refrigerants.
- 8) Government regulations for refrigeration sector.

As a result of this training, the trainees have adopted the improved service and maintenance practices to prevent release of ODS into the atmosphere, making it possible for refrigeration equipment to operate to the end of its useful life efficiently and reduce atmospheric pollution.

The details of all the 440 trainees are provided in Annexure-B, which includes names of trainees, names of organizations/workshops/institutions, and photographs of the trainees. These details are provided center-wise in the sequence of Karachi, Hyderabad and Sukkur. These trainees have been registered in the Board and issued a certificate of participation duly signed by the Chairman and Mr. Mosuf Ali, UNIDO Consultant. A Specimen of the same is placed in Appendix -C.

It is also reported that a SBTE stall was setup in the Pakistan International Education Exhibition organized by World Learning Bureau at Expo Center, Karachi during 4 – 5 April 2007.

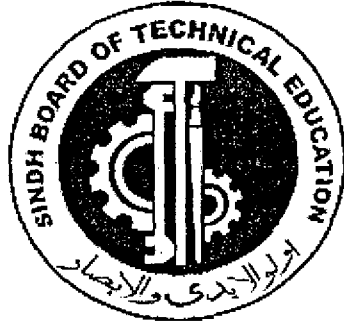
Furthermore a research paper entitled “Developing Human Resource for Refrigeration & Air-conditioning Industry,” by Dr. Masroor Ahmed Shaikh, former Chairman SBTE was presented in the 14th HVACR (Heating Ventilation, Air conditioning & Refrigeration) Expo & Conference (International) jointly organized by Pakistan HVACR society, ASHRAE Pakistan Chapter and ASHRAE Northern Pakistan

Chapter at Expo Center, Karachi during 8 - 10 April 2007. The proceeding of the conference "Engineering & Industrial Review" Vol. 16 No.8 was published in Karachi Pakistan. These proceedings are certified by D & B, U.S.A. A copy of the paper is placed in Annexure – D. These Technical Education and Vocational Training (TEVT) activities helped in propagating the message on RMP both nationally and internationally. A large number of people from all walks of life attended these exhibitions.

Conclusion

This RMP training program for 440 technicians covered aims and objectives of the program and ensured that the trainees understand the objectives and acquire adequate skill to implement the use of good refrigeration service and maintenance practices for systems using ODS refrigerants, and the correct handling of new replacement refrigerants. In addition to the above, Participant in one exhibition and presenting a paper in one conference held in communicating the message both nationally and internationally

ANNEXURE - A



1st Progress Report

to

Train Service Technicians in Sindh Pakistan

Refrigerant Management Plan for Pakistan 2nd Trench

UNIDO Project code: MP/PAK/04/142, UNIDO Contract

No:16001010

23rd August 2006.

Sindh Board of Technical Education
St. 22, Block 6, Gulshan-e-Iqbal,
University Road, Karachi, Pakistan.
sbtek@hotmail.com

Table of Contents

1. Overall Plan of the Training Scheme and Publicity of the Program.
2. Training Centers in Sindh.
3. Training Course and Schedule of Execution.
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5. Training Material & Training Manual.
6. Assignment of Trainers.
7. Opening Ceremony of the Program and Linkage with the Department of Environment & Alternative Energies.
8. Annexure **I to VII**

1. Overall Plan of the Training Scheme and Publicity of the Program.

Sindh Board of Technical Education, Karachi, has been awarded contract 16001010, vide letter dated 11th May 2006 by Mounira Latrech, Chief Procurement Services, Unit, UNIDO, Vienna for organizing *In Service Technician Training Program* in the Sindh Province of Pakistan. It was planned that the training Program will be given well publicity in the media and nomination of the candidates for the training program will be invited through the publicity in media. For training purpose the province was divided into three regions namely Karachi, Hyderabad and Sukkur and in each of the above regions a Training Centers has been established at Govt. College of Technology, Karachi, Govt. College of Technology, Hyderabad and Regional Office/ GPI(W), Sukkur. Out of the three certified Master Trainers of UNIDO, Mr. Lateef Ahmed is deputed to provide training in Karachi region, Mr. Kaleem Iftikhar Siddiqui is deputed at Hyderabad and Mr. Darya Khan is deputed in Sukkur region. (Pl enclosed herewith copies of the Orders **Annex- I**). From Board Mr. Rashid Aziz the Deputy Project Director-I is deputed to supervise Karachi region where 260 Technicians will be trained in 21 batches and Mr. Tassadduq Shahab, Deputy Project Director-II is deputed to supervise Hyderabad & Sukkur regions where total 180 technician will be provided training with 90 technicians in 9 batches at each training centre.

On receiving 1st installment of US\$10000 as per plan the Board has launched a wide publicity campaign of the above project. A half page advertisement was published in the leading Newspapers of English, Urdu (National Language) and in Sindhi (Local Language) simultaneously in *The News International* on 18th July 2006, *Daily Jang* and in *Daily Ibrat* on 16th July 2006. Moreover, an article was published in a reputable monthly Magazine *Engineering & Industrial Review (EIR)* Karachi, Pakistan in its June 2006 edition, in which visit of Dr. Ryuichi Oshima, Industrial Development Officer UNIDO was also given broader coverage. An advertisement is also to be published in the next edition of EIR about the above program. The broader awareness about the program was also developed by giving news in different daily Newspapers as well. (Please find enclose copies of above all Advertisements, Article & News **Annex-II**).

On receipt of the Equipment from UNIDO Islamabad office, on 16th of July 2006, the same was distributed and supplied to the above three mentioned Training Centers. Miscellaneous items including Stationery, Uniform (Dangri), and Shoulder Bags for trainees and Computers for main office / centers were procured through inviting a Tender in the leading Newspapers (PI find enclosed herewith copies of the Tender **Annex-III**).

2. Training Centers in Sindh.

As mentioned above the three training Centers were established as follows:

- 1) Govt. College of Technology, SITE, Karachi.
- 2) Govt. College of Technology, Wahadat Colony, Hyderabad.
- 3) Regional Office/ GPI (W) Sukkur.

The above each training center has been delivered equipment and Pak. Rs.10,000/- for installation of the equipment and fictionalization of the Center. The Chairman SBTE/ Project Director and both the Deputy Project Directors visited the centers accompanied by Master Trainers.

3. Training Course and Schedule of Execution:

Deputy Project Directors have developed the Training Course and Manual in the light of broader objectives of the Program in consultation with all three master trainers. However Mr. Lateef Ahmed, Master Trainer at Karachi, provided the major input in development of Course outline and Training Manual. In realization of the fact that most of the related Industry located in the Karachi region and majority of anticipated applicants would be belong to Karachi, hence it was decided that out of 440 trainees, 260 will be trained at Karachi in 21 batches and 90 trainees will be trained at each of the Centers of Hyderabad & Sukkur.

It was decided that the training program will start in the month of August 2006 from Hyderabad and 440 peoples will be trained in total 39 batches. (Pl find enclosed detail program **Annex-IV**)

4. Selection of Trainees

In response to the above mentioned half page advertisements those were published in the leading Newspapers (a) *The News International*, (b) *Daily Jang* and in (c) *Daily Ibrat*, the Center for Curriculum Research & Development at SBTE received total 453 applications to date, majority of these belongs to Karachi region. In view of the low response and less number of applications from Hyderabad & Sukkur regions, the CCRD of the Board approached Town Nazims, Dignitaries & Education Officers of Hyderabad & Sukkur regions, after which the Board has started receiving further applications from the local trainees of Hyderabad & Sukkur regions. The received applications are under scrutiny and nominations of first batches of all the three Training Centers have been finalized. (Pl find enclosed herewith copies of final nominations for 1st batches of above Training Centers including their Photographs **Annex-V**).

5. Training Material & Training Manual

Equipment provided by the UNIDO Islamabad office has already been delivered and installed at the Karachi, Hyderabad and Sukkur, with above equipment each training center has been provided Raw material and Additional tools. The Manual for trainees developed by CCRD of the Board in consultation with the Master Trainers is attached for kind perusal (Pl. see **Annex-VI**). Each Trainee will be provided the same Manual with necessary stationery and other material.

6. Assignment of Trainers

Each Master Trainer has been issued appointment letter mentioning details of assignments the same are enclosed herewith (Pl. see **Annex-I**).

7. Opening Ceremony of the Program and Linkage with the Department of Environment & Alternative Energies.

The Program of training has been started as per schedule. The Inaugural Ceremony of the Program was held on 16th of August 2006 at Hotel Indus (Pvt) Ltd Hyderabad. *Mr. Muhammad Noman Saigal, Advisor to Chief Minister Sindh for Environment & Alternative Energies and Information Technology* has inaugurated the Program as a Chief Guest. On the occasion Mr. Mosuf Ali, Consultant UNIDO, has given a Power Point Presentation. The Opening Ceremony was broadly attended by dignitaries, peoples from Industry, Technical Education and media. The Chief Guest has distributed Uniform and Shoulder bags containing training material among all the trainees of 1st batch at Hyderabad. The Chief Guest in his speech emphasis on developing and implementing environmental protection legislation and appreciated the collaboration of SBTE & UNIDO. (Photographs are attached herewith **Annex-VII**)

Annexure-I



SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6, GULSHAN-E-IQBAL, KARACHI-75300.

TO TRAIN SERVICE TECHNICIANS IN SINDH PAKISTAN

PROJECT OF UNITED NATIONS INDUSTRIAL

DEVELOPMENT ORGANIZATION.

No.SBTE/CCRD/UN-55(3)/21.

Dated: 29th July, 2006.

Mr.Lateef Ahmed
Instructor/ National Trainer,
Govt. College of Technology,
SITE, Karachi.

**SUBJECT: OFFER OF TEMPORARY APPOINTMENT AS MASTER TRAINER
AT G.C.T KARACHI IN UNIDO PROJECT CONTRACT REFERNCE
NO.16001010.**

You are hereby offered a purely temporary post of Master Trainer for the Service Technicians Training Center at Govt. College of Technology, SITE, Karachi under UNIDO Project w.e.f 15th August 2006 at a total Per batch emoluments worth Rs.5000/- (Pak Rupees Five Thousand Only) commencing from 15-08-2006.

The terms of appointment are as under:-

1. That the post is purely temporary.
2. That the post shall exist for a period of nine months w.e.f 15-08-2006 and will cease on completion of the Project.
3. The appointment is liable to be seized/ terminated without any reason/s before the period of nine months.
4. That the appointment shall be governed by the efficiency and disciplinary rules of the Board.
5. For each batch four full days training sessions will be conducted according to the prescribed syllabus provided by the Board.
6. Compilation of Students Registration before training and to conduct test after completion of training will be the responsibility of the Trainer.
7. Master Trainer will be responsible to communicate attendance and the list of successful candidates to the Board.
8. Report at the end of each batch will be submitted by the Master Trainer.
9. Master Trainer will work in collaboration & co-operation with the Head/ Incharge Training Center.
10. That the appointment is liable to be terminated from either side on 15 days notice.

If the above terms and conditions are acceptable to you, please communicate your Consent within three days of the receipt of this offer.

(Prof. Dr. MASROOR AHMED SHAIKH)
Chairman SBTE / Project Director.

C.C to :

- 1) The Principal, Govt. College of Technology, SITE, Karachi.
- 2) Audit/ Accounts Officer of the Board.
- 3) Officer Concerned (Mr. Lateef Ahmed).
- 4) Deputy Project Directors, Karachi, Hyderabad & Sukkur.
- ✓ 5) Office Order File.



SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6, GULSHAN-E-IQBAL, KARACHI-75300.

TO TRAIN SERVICE TECHNICIANS IN SINDH PAKISTAN

PROJECT OF UNITED NATIONS INDUSTRIAL

DEVELOPMENT ORGANIZATION.

No.SBTE/CCRD/UN-55(3)/23 .

Dated: 29th July, 2006.

Mr. Darya Khan
Instructor/ National Trainer,
Govt. Monotechnic Institute
Thari-Mirwah
District Khairpur.

**SUBJECT: OFFER OF TEMPORARY APPOINTMENT AS MASTER TRAINER
AT G.C.T KARACHI IN UNIDO PROJECT CONTRACT REFERENCE
NO.16001010.**

You are hereby offered a purely temporary post of Master Trainer for the Service Technicians Training Center at SBTE- Regional Office, Sukkur under UNIDO Project w.e.f 15th August 2006 at a total Per batch emoluments worth Rs.5000/- (Pak Rupees Five Thousand Only) commencing from 15-08-2006.

The terms of appointment are as under:-

1. That the post is purely temporary.
2. That the post shall exist for a period of nine months w.e.f 15-08-2006 and will cease on completion of the Project.
3. The appointment is liable to be seized/ terminated without any reason/s before the period of nine months.
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10. That the appointment is liable to be terminated from either side on 15 days notice.

If the above terms and conditions are acceptable to you, please communicate your Consent within three days of the receipt of this offer.

(Prof. Dr. MASROOR AHMED SHAIKH)
Chairman SBTE / Project Director.

C.C to :

- 01) The Regional Officer, SBTE- Karachi
- 02) The District Officer Education (Technical) Khairpur district.
- 03) Audit/ Accounts Officer of the Board.
- 04) Deputy Project Directors, Karachi, Hyderabad & Sukkur.
- ✓ 05) Office Order File.



SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6, GULSHAN-E-IQBAL, KARACHI-75300.

TO TRAIN SERVICE TECHNICIANS IN SINDH PAKISTAN

PROJECT OF UNITED NATIONS INDUSTRIAL
DEVELOPMENT ORGANIZATION.

No.SBTE/CCRD/UN-55(3)/22 .

Dated: 29th July, 2006.

Mr.Kaleem Iftikhar Siddiqui
Instructor/ National Trainer,
Govt. College of Technology,
SITE, Karachi.

**SUBJECT: OFFER OF TEMPORARY APPOINTMENT AS MASTER TRAINER
AT G.C.T KARACHI IN UNIDO PROJECT CONTRACT REFERNCE
NO.16001010.**

You are hereby offered a purely temporary post of Master Trainer for the Service Technicians Training Center at Govt. College of Technology, Wahdat Colony, Hyderabad under UNIDO Project w.e.f 15th August 2006 at a total Per batch emoluments worth Rs.5000/- (Pak Rupees Five Thousand Only) commencing from 15-08-2006.

The terms of appointment are as under:-

1. That the post is purely temporary.
2. That the post shall exist for a period of nine months w.e.f 15-08-2006 and will cease on completion of the Project.
3. The appointment is liable to be seized/ terminated without any reason/s before the period of nine months.
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10. That the appointment is liable to be terminated from either side on 15 days notice.

If the above terms and conditions are acceptable to you, please communicate your Consent within three days of the receipt of this offer.

(Prof. Dr. MASROOR AHMED SHAIKH)
Chairman SBTE / Project Director.

C.C to :

- 01) The Principal, Govt. College of Technology, Hyderabad & Karachi.
- 02) Audit/ Accounts Officer of the Board.
- 03) Deputy Project Directors, Karachi, Hyderabad & Sukkur.
- ✓04) Office Order File.

Annexure-II



ریفریجریشن اینڈ انٹرکنٹینٹل سروس ٹیکنیشن ٹریننگ پروگرام



زیر اہتمام (SBTE) باہمائی تعاون (UNIDO)



ڈاکٹر انوار الحق علی خان
وزیر تعلیم



مولانا سلمان سید
سربراہ



ڈاکٹر انوار الحق علی خان
ڈائریکٹر (UNIDO)



سر انوار الحق علی خان
ڈائریکٹر



ڈاکٹر انوار الحق علی خان
سربراہ

بہترین ٹیکنیشن ٹریننگ کے ذریعے ماحولیاتی تحفظ

پاکستان، مائیکرو مالی پروڈکٹوں کے دستخط کنندہ ممالک میں شامل ہے جس کے تحت ریفریجریٹیشن اینڈ انٹرکنٹینٹل سروس (آرا ایم بی) کی منظوری دی گئی ہے تاکہ عالمی ماحولیاتی تحفظ کے لیے ایف سی ایف سی گیسوں کے اخراج کو کم سے کم کیا جاسکے۔

آرا ایم بی کا ایک بہت اہم جزو ٹیکنیشن ٹریننگ ہے جسے پاکستان میں ریفریجریٹیشن اینڈ انٹرکنٹینٹل سروس ٹیکنیشن ٹریننگ پروگرام کے ذریعے نافذ کیا جا رہا ہے۔ یہ پروگرام سندھ، بلوچستان، خیبر پختونخوا، ایف سی ایف سی (ایس بی ای) اور پاکستان میں سرکاری اور نجی اداروں کے آرگنائزیشن (ایس بی ای) کے تعاون سے منعقد کیا جا رہا ہے۔ یہ ٹریننگ ریفریجریٹیشن اینڈ انٹرکنٹینٹل سروس کے آلات کی مرمت، دیکھ بھال اور ترمیم کے لیے طریقے سکھانے کا موقع فراہم کرے گی جن کے ذریعے ایف سی ایف سی گیسوں کے غیر ضروری اخراج سے بچا جاسکتا ہے اس مقصد کے لیے ورکشاپوں کی بلاناغہ ضرورتیں کی جائیں گی اور ان ورکشاپوں کے کارکنوں کو ٹریننگ دی جائے گی۔

پاکستان میں ماحولیاتی گیسوں کے اخراج کی روک تھام پر پہلے سے عملدرآمد کر رہا ہے تاہم سرکاری اور نجی ٹیکنیشن کے بہتر طریقوں کی مدد سے اخراج کو کم کرنے کے بلند تر اہداف حاصل کرنے کی لازمی ضرورت ہے۔ اس مقصد کے لیے ضروری ہے کہ نصاب میں اور ان کو نقصان پہنچانے والے اجزاء کے درست غیر درست اخراج کو کنٹرول کیا جائے۔

پروجیکٹ کے مقاصد

- ☆ ریفریجریٹیشن آلات میں استعمال ہونے والی ایف سی ایف سی گیسوں اور اورڈون کو نقصان پہنچانے والے اجزاء کے معرعات کے بارے میں آگاہی کا فروغ۔
- ☆ 440 ریفریجریٹیشن اور انٹرکنٹینٹل سروس ٹریننگ پروگرام کو یہ تربیت فراہم کرنا کہ وہ ریفریجریٹیشن سروس اور ٹیکنیشن کے بہتر طریقوں کے ذریعے ایف سی ایف سی گیسوں اور اورڈون کو نقصان پہنچانے والے اجزاء کے غیر ضروری اخراج کو کنٹرول کرنا سیکھ سکیں۔
- ☆ ریفریجریٹیشن اور انٹرکنٹینٹل سروس کے شعبے میں مندرجہ بالا ٹریننگ پروگرام کی معاونت، مگرانی اور جانچ کے لیے ایک مستقل ریسورس سینٹر کا قیام۔
- ☆ ڈیو ہاؤس ایف سی ایف سی ایف سی گیسوں اور اورڈون کو نقصان پہنچانے والے اجزاء کے بارے میں جدید تصورات و موضوعات کی شمولیت۔
- ☆ ریفریجریٹیشن اور انٹرکنٹینٹل سروس کے حوالے سے ایک ریفریجریٹیشن فورم کا قیام۔
- ☆ ریفریجریٹیشن اور انٹرکنٹینٹل سروس کی صنعت اور اس شعبے میں تعلیم و تربیت فراہم کرنے والے ٹیکنیکل انسٹی ٹیوٹس کے درمیان رابطوں کا فروغ۔

فری رجسٹریشن

FRAC فورم کے قیام اور ملازمین کو فری ٹریننگ دینے کیلئے RAC ورکشاپ کی فری رجسٹریشن

ٹریننگ کے دوران وظیفہ۔

ٹریننگ کیلئے منتخب ہونے والے افراد کو فری ٹریننگ ملے گی (ایس بی ای) اور (ایس بی ای) کے ذریعے جاری کیے جائیں گے۔

سرٹیفیکیشن

منتخب شدہ ریفریجریٹیشن اور انٹرکنٹینٹل سروس کے کامیاب ٹیکنیشن پر ایس بی ای ڈی اور ایس بی ای ڈی کے امتحان کے سرٹیفیکٹ جاری کیے جائیں گے۔

ٹریننگ کا انتخاب

دلچسپی رکھنے والے سروس ٹیکنیشن جو RAC ورکشاپ سندھ میں کام کر رہے ہیں مادے کاغذ پر درخواستیں جمع کروائیں

تجربے کا سرٹیفیکٹ، 26 جولائی 2006 تک بھیج سکتے ہیں، اسکے لیے 3 ٹریننگ سینٹر قائم کیے گئے ہیں:

- 1- گورنمنٹ کالج آف ٹیکنالوجی، سائٹ، کراچی
- 2- گورنمنٹ کالج آف ٹیکنالوجی، وحدت کالونی، حیدرآباد اور
- 3- ایس بی ای ریجنل آفس، سکھر

درخواست دہندہ سے گزارش ہے کہ اپنی پسند کے ٹریننگ سینٹر کے بارے میں واضح طور پر لکھیں۔

درخواست نامہ "جماعت ڈائریکٹر (CCRD)، ایس بی ای، ۲۲ بلاک ۱، گلشن اقبال، یونیورسٹی روڈ، کراچی پر روانہ کریں۔

سینٹر فار ٹیکنیکل ایجوکیشن اینڈ ڈیولپمنٹ

سندھ بورڈ آف ٹیکنیکل ایجوکیشن

گلشن اقبال، یونیورسٹی روڈ، کراچی۔ فون: 9243326-27، فیکس: 9243328، ای میل: sbtep@yahoo.com



REFRIGERATION & AIR-CONDITIONING SERVICE TECHNICIAN TRAINING PROGRAMME



Offered By SBTE under Financial Assistance From UNIDO



Dr. Ishrat-ul-ibad Khan
Governor of Sindh



Prof. (Dr.) Masroor Ahmed Sheikh
Chairman SBTE



Dr. Ryuchi Oshima
Industrial Development Officer, UNIDO



Muhammad Nouman Sehgal
Advisor To CM



Dr. Arbab Ghulam Rahim
Chief Minister, Sindh

Environmental Protection Through Improved Technicians Training

Pakistan is a signatory to the Montreal Protocol under which the Refrigerant Management Plan (RMP) has been approved to bring about reduction of CFCs & ODS emissions for global environmental protection.

An important component of RMP is National Technicians Training, which is being implemented in Pakistan through the REFRIGERATION & AIR-CONDITIONING SERVICE TECHNICIAN TRAINING PROGRAMME of Sindh Board of Technical Education (SBTE) in collaboration with United Nations Industrial Development Organization (UNIDO). This training will provide an opportunity for proper methods of performing repair,

maintenance and installation of Refrigeration and Air-Conditioning equipment to avoid leaks and unnecessary emissions of CFCs / ODS by registration of the workshops and providing training to the technicians of these workshops.

Although Pakistan has been in compliance with the control measures, higher reduction targets must be achieved by improved service and maintenance practices equally by controlling intentional or unintentional release of Ozone Depleting Substances (ODS) in the atmosphere.

Objectives of the Project:-

- * To Develop awareness about hazardous effects of CFCs (Chlorofluoro Carbon) / ODS (Ozone Depleting Substances) used in refrigeration equipment. Provide training for replacement of CFCs by HFCs.
- * Provide training to the 440 RAC technicians in Sindh for controlling unnecessary emission of CFCs / ODS by good refrigeration service and maintenance practices.
- * Establish a permanent resource centre for support, monitoring and evaluation of above vocational training program in the field of RAC.
- * Include modern concepts about ODS in DAE and TSC curricula.

- * Establish a RACT trainer/technician forum.
- * Develop linkages between RAC Industry and Technical Institutes Offering Education & Training in the field of RAC.

Free Registration:-

Free Registration of RAC Workshop for establishing a RAC Forum & free training to employees.

Stipend for Trainees:-

Trainee will be provided course material and Stipend including T.A/D.A @ Rs. 2,000/-.

Certification:-

Selected trainees will be registered with the Board. On successful completion Training Certificates will be issued in collaboration with UNIDO & SBTE.

Selection of Trainees:-

Application on plain paper alongwith service/experience certificate are invited upto 26th July 2006, from the interested service technician working in the RAC Workshop in Sindh. 3 training centers are established.

- (1) Govt. College of Technology, SITE, Karachi
 - (2) Govt. College of Technology, Wahdat colony, Hyderabad and
 - (3) SBTE Regional Office, Sukkur.
- The applicants are requested to clearly mention the training center of their interest. Applications shall be addressed to Joint Director (CCRD) St-22, Block 6, Gulshan-e-Iqbal, University Road, Karachi.

Centre for Curriculum Research & Development
SINDH BOARD OF TECHNICAL EDUCATION



ريفريجريشن اينڊ ايسٽرڪيٽريشن سروس ٽيڪنيشن ٽريننگ پروگرام



اهتمام هيٺ (SBTE) ۽ (UNIDO) جي مالي سهڪار سان



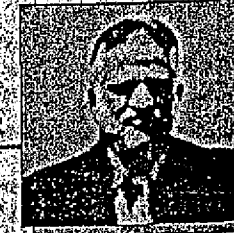
ڊاڪٽر ارباب غلام رحيم
ڊيئر اعليٰ سنڌ



محمد نعمان سفيان
وڏي وزير جو صلاحڪار



ڊاڪٽر راجوچي اڻسڻا
انٽرنيشنل (ايسٽرڪيٽريشن) (UNIDO)



ڊاڪٽر مڙسور احمد شيخ
چيئرمين ايس بي ٽي اي



ڊاڪٽر شڪرت الله خان
گورنر سنڌ

بهترين ٽيڪنيشن ٽريننگ جي ذريعي ماحولياتي تحفظ

سڀال ۽ تنصيب جا اهڙا طريقا سڀڪارن جو موقعو فراهم ڪندي، جنهن جي ذريعي سي ايف سي گئس جي غير ضروري اخراج کان بچي سگهجي. ان مقصد لاءِ ورڪشاپس جي بنا معاوضي رجسٽريشن ڪئي ويندي ۽ اهڙين ورڪشاپس جي ڪارڪنن کي ٽريننگ ڏني ويندي.

پاڪستان مقرر ماحول گئس جي اخراج جي روڪڻ تي بهرين کان عملدرآمد ڪري رهيو آهي جيتوڻيڪ سروس ۽ مينٽيننس جي بهتر طريقن جي مدد سان اخراج کي گهٽ ڪرڻ وارن بلٽ ٽرين مڊرن کي حاصل ڪرڻ جي لازمي ضرورت آهي. ان مقصد لاءِ ضروري آهي ته نقصان بر اوزون کي نقصان رسائيندڙ جنن جي غير ضروري اخراج کي ڪنٽرول ڪيو وڃي.

پاڪستان مائٽريال پروڊوڪول جي صحيح ڪنٽرول ملڪن ۾ شامل آهي، جنهن هيٺ ريفريجريشن مئنيجمنٽ پلان (آر ايس بي) جي منظوري ڏني وئي آهي ته جيئن ماحولياتي تحفظ لاءِ سي ايف سي گئس جي اخراج کي گهٽ مان گهٽ ڪري سگهجي. آر ايس بي جو هڪ گهڻو اهم جزو ٽيڪنيشن ٽريننگ آهي جنهن کي پاڪستان ۾ ريفريجريشن اينڊ ايسٽرڪيٽريشن سروس ٽيڪنيشن ٽريننگ پروگرام جي ذريعي لاڳو ڪيو پيو وڃي. هي پروگرام سنڌ بورڊ آف ٽيڪنيڪل ايجوڪيشن (ايس بي ٽي اي) پاران ٽيڪنيشن ٽريننگ ڊولپمينٽ آرگنائيزيشن (يو ايس آءِ ڊي او) جي سهڪار سان منعقد ڪيو پيو وڃي. هي ٽريننگ ريفريجريشن ۽ ايسٽرڪيٽريشن جي اوزارن جي مرمت سان

پروجيڪٽ جو مقصد

- ☆ ريفريجريشن اوزارن ۾ استعمال ٿين واري سي ايف سي گئس ۽ اوزارن کي نقصان پهچائڻ وارن جنن جي مقرر اٿرن جي باري ۾ جان کي هٿي وٺرائڻ
- ☆ 440 ريفريجريشن ۽ ايسٽرڪيٽريشن ٽيڪنيشنز کي اهڙي تربيت فراهم ڪرڻ ته اهي ريفريجريشن سروس ۽ مينٽيننس جي بهتر طريقن جي ذريعي سي ايف سي گئس ۽ اوزارن کي نقصان پهچائڻ وارن جنن جي غير ضروري اخراج کي ڪنٽرول ڪري سگهن ۽ بچي سگهن.
- ☆ ريفريجريشن ۽ ايسٽرڪيٽريشن جي کاتي ۾ مٿي ڄاڻايل ٽريننگ پروگرام جي سهڪار سان نگراني ۽ جاچ لاءِ هڪ مستقل ريسورس سينٽر قائم ڪرڻ.
- ☆ ڊپلوما آف ايسوسيئيٽ انجنيئرز ۽ ميٽرڪ جي نقصان ۾ سي ايف سي گئس ۽ اوزارن کي نقصان پهچائڻ وارن جنن جي باري ۾ جديد تصويرون ۽ موضوعن جي شموليت.
- ☆ ريفريجريشن ۽ ايسٽرڪيٽريشن جي حوالي سان هڪ ٽريننگ ٽيڪنيشن فورم قائم ڪرڻ.
- ☆ ريفريجريشن ۽ ايسٽرڪيٽريشن جي صنعت ۽ ان کاتي ۾ تعليم ۽ تربيت فراهم ڪندڙ ٽيڪنيڪل انسٽيٽيوٽس جي راج ۾ رابطن کي هٿي وٺرائڻ.

فري رجسٽريشن

RAC فورم قائم ڪرڻ ۽ ملازم کي فري ٽريننگ ڏيڻ لاءِ RAC ورڪشاپ جي فري رجسٽريشن.

ٽريننگ دوران وظيفو

ٽريننگ لاءِ چونڊيل فردن کي ڪورس مٽريئل ۽ ٽي اي/ڊي اي 2000 (پر هزار روپيا) ڏنا ويندا.

سرتيڪيٽس

چونڊيل ٽريننگ بورڊ سان گڏ رجسٽرو ٿيندا. ڪامياب پڄاڻي تي يو ايس آءِ ڊي او ۽ ايس بي ٽي اي جي گڏيل شرڪت سان سرتيڪيٽ جاري ڪيو ويندو.

ٽريننگ جي چونڊ

دلچسپي رکندڙ سروس ٽيڪنيشن جيڪو RAC ورڪشاپ سنڌ ۾ ڪم ڪري رهيو آهي سادي ڪاغذ تي درخواستون سروس/تجربن جي سرتيڪيٽ سان گڏ 26 جولاءِ 2006 تائين امانتي سگهن ٿا، انهي لاءِ 3 ٽريننگ سينٽر قائم ڪيا ويندا.

- 1- گورنمينٽ ڪاليج آف ٽيڪنالاجي، سائيٽ، ڪراچي
- 2- گورنمينٽ ڪاليج آف ٽيڪنالاجي، رحمت ڪالوني، حيدرآباد ۽
- 3- ايس بي ٽي اي ريجنل آفيس سکر

درخواست ڏيندڙن کي گذارش آهي ته پنهنجي پسند جي ٽريننگ سينٽر جي باري ۾ واضح طور تي لکڻ. درخواست نالي 'جوائنٽ بائريڪٽر (CCRD) ايس ٽي 22 بلاڪ 6، گلشن اقبال، يونيورسٽي روڊ، ڪراچي تي امانتي.

سينٽر فار ڪريڪولم ريسرچ اينڊ ڊولپمينٽ سنڌ بورڊ آف ٽيڪنيڪل ايجوڪيشن

گلشن اقبال، يونيورسٽي روڊ، ڪراچي. فون: آفيس: 27-9243326، ليڪن: 9243328، اي ميل: sbtep@yahoo.com

Secret (H) 9748 16/6/06

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1 Engineering & Industrial Magazine of Pakistan

29TH FPCCI EXPORT TROPHY AWARD 2004-2005



SBTE allowed to work with the UNIDO & NISTE for in-service Refrigerant Technicians all over Pakistan



HVACR NEWS

SBTE allowed to work with the UNIDO & NISTE for in-service Refrigerant Technicians all over Pakistan

Karachi: Dr. Ishrat-ul-Ibad Khan, Governor Sindh/ Controlling Authority of the Board has allowed Sindh Board of Technical Education in support of the MONTREAL PROTOCOL to work with the United Nations Industrial Development Organization

- Ø To Develop awareness about hazardous effects of ODS (Ozone Depleting Substances) used in refrigeration equipment.
- Ø Replacing gradually ODS with CFCs (Chlorofluoro Carbon).
- Ø Provide training to the 440

an advertisement in the leading news papers, preference will be given to the service technicians subject to production of employment/ experience certificate of any service training center/ shop or related RACT education and skill.

- frigeration Principles.
- Day 2 Health and Safety.
- Day 3 Refrigerants Recovery and Recycling.
- Day 4 Modern Refrigeration Practice.

Certification:
On successful completion of training each trainee will be registered by the board and issued certificate in collaboration with UNIDO.

Training Centers:
In the province there will be three Training Centers i.e Govt. College of Technology, SITE, Karachi, Wahadat Colony Hyderabad & Khairpur GPI Sukkur.

For each batch a small session of opening and closing ceremony will be held. Each of the trainees will be



(UNIDO) & National Institute of Science & Technical Education, Islamabad (NISTE) for the development of a proposal for the in-service Refrigerant Technicians in all over the country. Above permission was granted in realization of a highly technical and comprehensive bid filled-up by the Board in the month of November 2005 and finally got approved by the UNIDO on 17th April 2006 amounting to US\$80,000.

- Ø Establish a permanent resource centre for support, monitoring and evaluation of above vocational training program in the field of RACT.
- Ø Include modern concepts about CFCs and ODS in DAE and Matric Curricula.
- Ø Establish a RACT Trainer/Technician Forum.
- Ø Develop linkages between RAC Industry and Technical Institutes Offering Education & Training in the field of RACT.

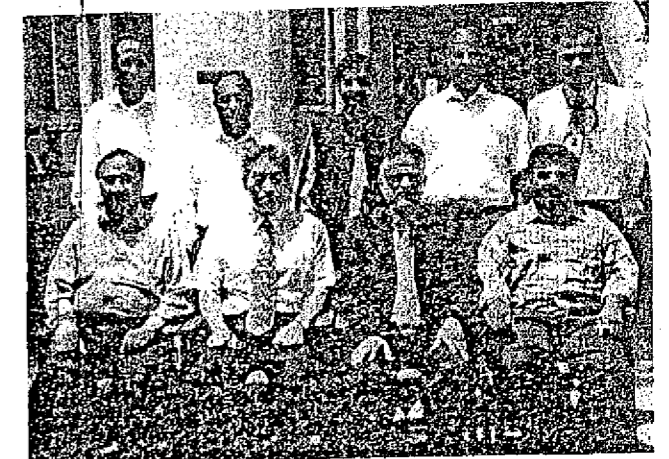
The above Training & Awareness Program is organized under a MONTREAL PROTOCOL equally signed by the Govt. of Pakistan.

Salient features of the Project are as under:-
Objectives of the Project:-

Selection of Trainee:
The selection of service training will be made through

- Stipend for Trainee:**
Trainee will be provided course material, hands-on, Uniform, Hotel arrangements and Certificates. The estimated expenditure per trainee will be as follows:-
- +Stipend per trainee including T.A/D.A Rs. 2,000/- (4 days).
 - +Hotel Charges for night stay Rs. 500/- (where admissible)
- Course Contents:**
Day 1 Review of Basic Re-

provided certificate and a group photograph in a folder. Sindh Board is highly thankful on the encouragement extended by the Hon'ble Governor Sindh for the promotion of TEVT in the country, hence we are confident to say that "Be Technical & Become self employed for Survival in Life". For more information contact: Tassadduq Shahab Deputy Director/ P.R.O to Chairman 0300-2577483



THE DAILY JANG KARACHI

روزنامہ جنگ

پیر 20 جمادی الثانی 1427ھ 17 جولائی 2006ء

جلد 70 نمبر 193

MONDAY JULY 17, 2006

طیکہ نیکو کار کے لیے کڈیشن پلان نئی کیس کے استعمال کی تربیت کا فیصلہ

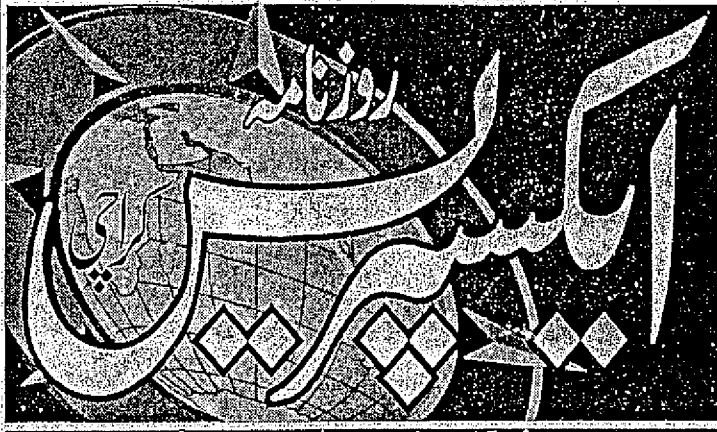
نئی کیس ہائیڈروکلور و فلورین کا استعمال 2005ء سے شروع ہونا تھا، یہ کیس اوزون کی ترقی و ترقیوں کرنی، ڈاکٹر سرور شیخ

اور سندھ بورڈ آف سیکل انجینئرز کے جوائنٹ وفد نے سرور شیخ کو اس کے تحت لگ بھگ 900 سے زائد افراد کو تربیت دی جائے گی۔ اس مقصد کے لیے بورڈ آف سیکل انجینئرز نے 5 لاکھ ڈالر کی گرانٹ فراہم کی جائے گی۔ مستحب کے مطابق ایئر کنڈیشن اور ریفریجریز میں نئی ماحول دوست کیس استعمال کی جائے گی جو ہائیڈروکلور و فلورین کھاتی ہے، یہ کیس اوزون کی ترقی و ترقیوں کرتی ہے۔ بورڈ کے چیئرمین ڈاکٹر سرور شیخ نے جگ کو بتایا کہ سندھ میں 440 افراد کو ایئر کنڈیشن اور ریفریجریز کی تربیت دینے کا فیصلہ کیا ہے، اس مقصد کے لیے انعام تحفہ کے ادارہ کے منصوبے ترقی نے 80 ہزار ڈالر کی گرانٹ فراہم کر دی ہے۔ جگ بلوچستان سرحد اور پنجاب میں مختلف انجینئرنگ آفس سائنس اینڈ ٹیکنیکل کے تعاون

سے ایئر کنڈیشن اور ریفریجریز کے ڈیزائنرز کو تربیت دینے کا فیصلہ کیا گیا ہے۔ اس کے لیے 440 افراد کی تربیت کی جائے گی جس کا آغاز 15 اگست سے ہوگا۔ انہوں نے بتایا کہ گورنر سندھ ڈاکٹر عشرت المہار خان نے اس حوالے سے بھیگی گئی سروری کی نہ صرف مستوری دی ہے بلکہ ہمارے کام کو بھی سراہا ہے۔ انہوں نے بتایا کہ ایئر کنڈیشنوں میں نئی کیس کا استعمال 2005ء سے ہونا تھا، اس حوالے سے انعام تحفہ کا ادارہ دو سال سے کوشش کر رہا تھا، لیکن ہم نے پائل کی اور انہیں گرانٹ کے لیے راضی کیا۔ انہوں نے بتایا کہ ریفریجریز کو سب ان افراد کے لیے ہوں گے جو پہلے سے ایئر کنڈیشن اور ریفریجریز میں کام کر رہے ہوں گے۔ انہوں نے بتایا کہ سندھ میں ریفریجریز کو تربیت کراچ آف ٹیکنالوجی وحدت کالونی حیدرآباد

اور سندھ بورڈ آف سیکل انجینئرز کے جوائنٹ وفد نے سرور شیخ کو اس کے تحت لگ بھگ 900 سے زائد افراد کو تربیت دی جائے گی۔ اس مقصد کے لیے بورڈ آف سیکل انجینئرز نے 5 لاکھ ڈالر کی گرانٹ فراہم کی جائے گی۔ مستحب کے مطابق ایئر کنڈیشن اور ریفریجریز میں نئی ماحول دوست کیس استعمال کی جائے گی جو ہائیڈروکلور و فلورین کھاتی ہے، یہ کیس اوزون کی ترقی و ترقیوں کرتی ہے۔ بورڈ کے چیئرمین ڈاکٹر سرور شیخ نے جگ کو بتایا کہ سندھ میں 440 افراد کو ایئر کنڈیشن اور ریفریجریز کی تربیت دینے کا فیصلہ کیا ہے، اس مقصد کے لیے انعام تحفہ کے ادارہ کے منصوبے ترقی نے 80 ہزار ڈالر کی گرانٹ فراہم کر دی ہے۔ جگ بلوچستان سرحد اور پنجاب میں مختلف انجینئرنگ آفس سائنس اینڈ ٹیکنیکل کے تعاون

DAILY EXPRESS



SS-989

THURSDAY, MAY 25, 2006

اسلام آباد کراچی لاہور پشاور ملتان فیصل آباد گوجرانوالہ گرجا اور حیدرآباد سے ہر وقت تعلق ہے۔ دلا دادا قومی روزنامہ

257 صفحہ، 26 روپے، 1427 م 25 کی 2006 فون 5800051-8 کس 5800050-66 سات 15 قیمت 6 روپے

عالمی ادارے کے تعاون سے ٹیکنیکل بورڈ کا خصوصی پروگرام

سندھ بھر کے ٹیکنیشنز کو ریفریجریشن، ایئر کنڈیشن ٹریننگ فراہم کی جائے گی

4 روزہ تربیتی ورکشاپ میں شرکت کے خواہش مند طلبہ کو الائنس بھی ملے گا

کراچی (سٹاف رپورٹر) سندھ بورڈ آف ٹیکنیکل ایجوکیشن اقوام متحدہ کے ادارے برائے ترقی صنعت کے مالی تعاون سے ریفریجریشن اینڈ ایئر کنڈیشن ٹیکنیشن ٹریننگ پروگرام متعارف کرائے گا جس کا مقصد ریفریجریٹر میں استعمال ہونے والی اوزون گیس کے انسانی صحت پر منفی اثرات کے حوالے سے شعور اور تربیت فراہم کرنا ہے، امداد 48 لاکھ روپے پر مشتمل ہوگی، پروگرام 10 ماہ کے عرصے پر محیط ہوگا جبکہ ایک سبجیکٹ کی تربیت کے لیے 4 روزہ ورکشاپ کا انعقاد کر لیا جائے گا، سندھ بھر سے 440

ٹیکنیشنز کو تربیت فراہم کی جائے گی جس میں کراچی سے 260، حیدرآباد سے 90 اور سکھر سے 90 ٹیکنیشنز شرکت کریں گے، پروگرام ایک پروڈوکول کے تحت ہو رہا ہے، تربیتی ورکشاپ میں شرکت کیلئے ٹیکنیشنز 15 جون تک درخواست جمع کرا سکتے ہیں، گورنمنٹ کالج آف ٹیکنالوجی سائٹ کراچی، وحدت کالونی حیدرآباد اور خیبر پور سکھر میں مراکز بنائے جائیں گے، پروگرام میں شریک ٹیکنیشنز کو 4 دنوں کے لیے 2000 ہزار روپے خرچہ اور 500 روپے ہوٹل میں رہائش کیلئے ادا کیے جائیں گے۔

Annexure-III

Time Period (in which power should be available after signing of Contract)



SINDH BOARD OF TECHNICAL EDUCATION
 CENTRE FOR CURRICULUM, RESEARCH & DEVELOPMENT
 ST-22, BLOCK-6, GULSHAN-E IQBAL, KARACHI-75300
 Ph. 9243326, 9243329 - 30 Ext. 305 Fax: 9243328

TENDER NOTICE

Sealed Tenders are invited from the reputed suppliers registered with the Income Tax & Sales Tax department for supply of the under noted items/materials in the Board for a collaborated project with UNIDO.

Sr. No.	Description	Last Date for Sale of Tender Form	Last Date for Submission of Tender	Date & Time for Opening of Tender	Cost of Tender Form
1	Computer (Lap Top) Fully loaded, Printer, Digital Camera	15-07-2006	22-07-2006	24-07-2006 at 3:00 p.m.	Rs. 100/-
2	Stationery	15-07-2006	22-07-2006	25-07-2006 at 3:00 p.m.	Rs. 50/-
3	Uniform & Shoulder Bag	15-07-2006	22-07-2006	26-07-2006 at 3:00 p.m.	Rs. 250/-

Interested parties may obtain tender documents / form till 15-07-2006 from the Accounts Officer of the Board against the above stated payment toward cost of tender form (non-refundable) to be deposited in A/C No. 102046-5 at NBP Gulshan-e Iqbal Br. Karachi or through pay order/DD in the name of The Chairman, SBTE. Tender documents dully filled in and supported with necessary documents should be submitted in the office of the Accounts Officer on or before the 22-07-2006. Tender shall be opened in the presence of the tenderers who may care to attend.

The P.D. reserves the rights to accept or reject any or all the tenders without assigning any reason(s) thereof.

Chairman/
 Project Director, UNIDO Project.

ABC Certified THE LARGEST CIRCULATED REGIONAL DAILY OF PAKISTAN

Regd No.S 102

THE DAILY IBRAT HYDERABAD SINDH PAKISTAN



Hyd. Ph:2728703-4,2728571-2 Fax: 2781879,2784300 Isld. Ph: 282377
Khl. Ph: 4538862-3,2639617 Fax: 4543839-2639492, Lhr. Ph: 7236191

Friday 14 July 2006

شمارو (322)

آڱارو (14 جولاءِ 2006ع مطابق 14 جمادى الثاني 1427ھ صبحا 5 بجو ريو)

سال (75)

سند بورڊ آف ٽيڪنيڪل ايجوڪيشن

سينٽر فار ڪريڪيوليم، ريسرچ ۽ ڊولپمينٽ

ايس ٽي-22، بلاڪ 6، گلشن اقبال، ڪراچي - 75300

فون: 9243326، 9243329-30، Ext. 305، فيڪس: 9243328



ٽينڊر نوٽيس

بورڊ کي UNIDO جي سهڪار واري رفا تحت هيٺ ڄاڻايل اسر / سامان مهيا ڪرڻ لاءِ انڪر ٽيڪس ۽ سيلس ٽيڪس کاتي وٽ رجسٽرڊ ليبل ساڪ وارن سپلائرز کان سيل مهر ٽينڊر گهريل آهن.

ٽينڊر فارم جي قيمت	ٽينڊر ڪرائڻ جي آخري تاريخ	ٽينڊر پيش ڪرڻ جي آخري تاريخ	ٽينڊر فارم وڪرو ڪرڻ جي آخري تاريخ	تفصيل	سلسلو نمبر
Rs. 100/=	24-07-2006 at 3:00 p.m	22-07-2006	15-07-2006	ڪمپيوٽر (لٽپ ٽاپ) مڪل لوڊينڊ، پرنٽر، ڊجيٽل ڪئميرا	1
Rs. 50/=	25-07-2006 at 3:00 p.m	22-07-2006	15-07-2006	اسٽيشنري	2
Rs. 250/=	26-07-2006 at 3:00 p.m	22-07-2006	15-07-2006	پرونيگارم ۽ شولڊر بئگ	3

خواهشمند ڀارتيون ٽينڊر دستاويز بورڊ جي اڪائونٽس آفيسر جي آفيس مان 15-07-2006 تائين ٽينڊر في طور مٿي ڄاڻايل رجسٽر (ناقابل واپسي) ادا ڪرڻ سان حاصل ڪري سگهن ٿيون. ٽينڊر في نيشنل بئنڪ آف پاڪستان گلشن اقبال برانچ، ڪراچي، پر اڪائونٽ نمبر 5-102046 پر جمع ڪرائي وڃي يا چيئرمين ايس بي ٽي اي جي نالي تي آرڊر / ڊمانڊ ڊرافٽ جي صورت ۾ ادا ڪئي وڃي. مڪمل طرح پريل ٽينڊر دستاويز جن جي حمايت ۾ ضروري دستاويز به شامل هجن. سي اڪائونٽس آفيسر جي آفيس پر 22-07-2006 تي يا ان کان اڳ پيش ڪيا وڃن. ٽينڊر حاضر رهڻ جي خواهشمند ٽينڊر پرينڊن جي موجودگي، پر ڪوليا ويندا. ت بي ڊي کي بنا ڪو سبب ٻڌائڻ جي ڪوڊ ٽينڊر قبول ڪرڻ يا ڪوڊ يا سمورا ٽينڊر رد ڪرڻ جو حق حاصل آهي.

چيئرمين /
پروجيڪٽ ڊائريڪٽر UNIDO پروجيڪٽ

Annexure-IV



SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6, GULSHANE IQBAL, UNIVERSITY ROAD, KARACHI.

www.sbte-edu.com PH: 9243327/9244384 FAX 9243328

No:SBTE/CCRD/UN-55(3)/28.

Date: 2nd August, 2006.

- * The Principals,
Govt. College of Technology, Karachi and Hyderabad.
- * The Regional Officer
SBTE- Sukkur.


**SUBJECT:- TECHNICAL SERVICES TO TRAIN SERVICE TECHNICIANS
IN SINDH UNDER UNIDO CONTRACT NO: 16001010.**

- REF'NCE:-**
- a)No:SBTE/CCRD/UN-55(3)/21, dt. 29th July 06.
 - b)No:SBTE/CCRD/UN-55(3)/22, dt. 29th July 06.
 - c)No: SBTE/CCRD/UN-55(3)/23, dt. 29th July 06.

Sir,

With reference to the above-cited correspondence, I am heartily pleased to append herewith prescribed training schedule of the concerned Training Centers for kind information and necessary preparation accordingly.

I have been further directed to inform that UNIDO Consultant based in Pakistan will visit the training Centers from 7th August to 11th August, 2006.


TASSADDUQ SHAHAB
DEPUTY PROJECT DIRECTOR
UNIDO PCR-16001010

C.C along with the above enclosures to :-

- 1) Chairman/ Project Director SBTE- Karachi.
- 2) M/s Lateef Ahmed, Kaleem Iftikhar Siddiqui & Darya Khan, Master Trainers of the aforesaid Project.
- 3) Joint Director (CCRD)/ Deputy Project Director.
- 4) Audit Officer of the Project.
- 5) Account/ Admin Officer of the Project with a request to please expedite to furnish an allocated amount of Rs.10,000/- (Lump-sum) to each Training Center for the purpose of Installation & Maintenance of equipment as well as to include an amount of Rs.1000/- per batch for each training center allocated for the Services & Utilities expenses during the period.
- 6) Master File.

Annexure-V



SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6, GULSHANE IQBAL, UNIVERSITY ROAD, KARACHI.

www.sbte-edu.com PH: 9243327/9244384 FAX 9243328

No:SBTE/CCRD/UN-55(3)/

Date: 19th August, 2006

1. **Mr. Shafqat Ali Soomro**
House No 7/46 Shed-Ki-Khoki, Siddique Mari Road
Distric Shikarpur. (Cell No:0302-3649970).
2. **Mr. Amjed Islam Sheikh**
Gosia Colony near City Police Station Jacobabad.
3. **Mr. Ishfaqe Ali Mangi**
Near Toheed Masjid Aadam Shah Colony,
Military Road Sukkur. (Ph:071-5633617).
4. **Mr. Muhammad Mudassir**
H. No C- 631/8 Makki Shah Colony Local Board
Sukkur. (Cell No: 0333-7117173).
5. **Mr. Nafees Ahmed**
H.No. B-519/17 Jounna Market Shahi Bazar
Sukkur. (Cell No:0300-3104165).
6. **Mr. Feroze Gul Khan**
H.No 267/A Pathan House Shorai Gali Old Sukkur.
7. **Mr. Toufique Ahmed Junejo**
House No:E- 03, Pakistani Swedish Institute of Technology,
Staff Colony, Quaidabad, Landhi, Karachi.
8. **Mr. Nisar Ahmed Arain**
Japan Cooling Center, National Highway, Near Govt. Hospital, Ranipur. (Cell
No:0302-3139129).
9. **Mr. Liaquat Ali**
C/O: General Refrigeration & Repairing Center
Tipu Sultan Road, Near Jinnah Chock, Sukkur.
10. **Mr. Zain-Ul-Abidin Mehar**
H.No:75, Mahar Street, Waritar Road, Sukkur.

SUBJECT:- RMP TRAINING.

With reference to your application on the above-cited subject, I am directed to inform that you have been selected for the aforesaid training Program. In Sukkur Division the same is going to be started from Monday the 28th August 2006 to 31st August 2006 at Regional Office, Sindh Board of Technical Education, Shikarpur Road Crossing Phatak, Old Hostel Degree College, Sukkur. Therefore, it is hereby advised to confirm your participation to the undersigned at 021-9244384/ 0300-2577483 or sbtep@yahoo.com.

For Registration purpose at the above said training Center on the 1st day i.e 28th August 2006, please report at 09.00 AM along with Identity Card, Educational Certificates, Passport size photograph and original Experience Certificate to the undersigned.

Tassadduq Shahab
Deputy Project Director-II
UNIDO C-No.16001010


Contd.. P/ 02

Endt. No: SBTE/CCRD/UN-55(3)/ 45

Date: 1st August, 2006.

Copy for information & n/a to:

- *The Chairman/ Project Director, SBTE- Karachi.*
- *The Principal, Govt. College of Technology, Karachi and Hyderabad.*
- *Mr. Masuf Ali, National Expert (RMP) UNIDO.*
- *Joint Director (CCRD)/ Dy. Project Director-I.*
- *Mr. Darya Khan, Master Trainer.*
- *M/S. Mehran Refrigeration Service & Denting Center, Near Faiz Transport Laxhi Gate, Station Road, Shikarpur (Ph:0761-514796), Al-Madina Auto Car & Air Conditioning Center, Military Road, Sukkur (Ph:0300-3138921), Waseem Freezer Service Center, Back Karim Photographer Frere Road, Sukkur (Ph:0300-3134049), Japan Cooling Center, National Highway, Near Govt. Hospital, Rani-pur (Ph:0243-730745), General Refrigeration & Repairing Center, Tipu Sultan Road, Near Jinnah Chock, Sukkur (Ph.No:071-23763), Mustafai Old Compressor House, Shikarpur Road, Near Urdu Chowk Sukkur (Cell.No:0333-7115189) with an offer to nominate more in-service technicians for next training batches.*
- *Admin/ Accounts Officer.*
- *Email to all concerned.*
- *Master File.*


Tassadduq Shahab
Deputy Project Director-II
UNIDO C-No.16001010



SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6, GULSHANE IQBAL, UNIVERSITY ROAD, KARACHI.

ww. sbte-edu.com PH: 9243327/9244384 FAX 9243328

No:SBTE/CCRD/UN-55(3)/

Date:19th August, 2006.

1. Mr. Asad Hussain Siddiqui S/o. Lateef Ahmed.
2. Mr. Malik Muhammad Rehan S/o. Malik Muhammad Ramzan.
3. Mr. Adnan Ali S/o. Fazal Karem.
4. Mr. Qasim Raza S/o. Ali Raza.
5. Mr. Muhammad Rehman S/o. Muhammad Jamil.
6. Mr. Yahya Iqbal S/o. Iqbal Abdullah.
7. Mr. Mubin Ahmed S/o. Munir Ahmed.
8. Mr. Muhammad Mubashir S/o. Abdul Ghafoor.
9. Mr. Intizar S/o. Intizam ul Haque.
10. Mr. Shamshad Ahmed Khan S/o. Arshad Ali Khan.
11. Mr. Zahid Hussain Khan S/o. Muhammad Saeed Ahmed Khan.
12. Mr. Usman Ghaffar Masood S/o. Abdul Ghaffar Masood.

SUBJECT:- RMP TRAINING.

With reference to your application on the above cited subject, I am directed to inform that you have been selected for the aforesaid training Program. 1st batch of the same is going to be started from Wednesday to Saturday the 23rd to 26th August 2006 at Govt. College of Technology, SITE Karachi. Therefore, it is hereby advised to confirm your participation to the undersigned at 021-9243326 , or 0300-2836130 before report for training on 23rd August 2006 at 08.00 AM along with Identity Card, Educational Certificates and original Experience Certificate to the UNIDO Training Center, GCT SITE, Karachi (B.Tech Department).

(RASHID AZIZ)
Deputy Project Director-I
UNIDO C-No.16001010

Endt: No: SBTE/CCRD/UN-55(3)/47

Date: 19th August, 2006.

Copy for information & n/a to:

- > The Chairman/ Project Director, SBTE- Karachi .
- > The Director Technical Education, Sindh, Karachi.
- > The Principal, Govt. College of Technology, Karachi.)
- > Deputy Project Director II , .
- > Mr. Lateef Ahmed, Master Trainer.
- > Admin/ Accounts Officer
- > Audit Officer.
- > Master File.

(RASHID AZIZ)
Deputy Project Director-II
UNIDO C-No.16001010

U
22/8/06

SINDH BOARD OF TECHNICAL EDUCATION

ST-22, BLOCK-6, GULSHANE IQBAL, UNIVERSITY ROAD, KARACHI.

www.sbte-edu.com PH: 9243327/9244384 FAX 9243328

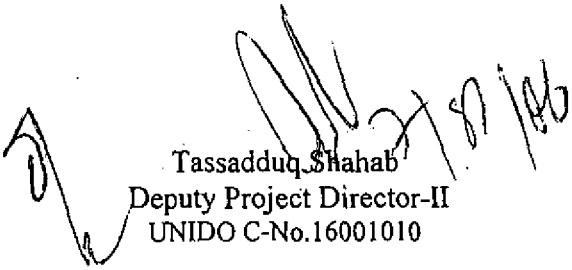
No: SBTE/CCRD/UN-55(3)/ 30

Date: 7th August, 2006.

1. Mr. Abdul Majid Khan,
House No 1636/326 Majahir Colony Kotari Municipal Cummatti Tahcil Kotri
2. Mr. Tahir Ahmed
House No#256 Block-D Unit No 9, Usama Colony Latifabad, Hyderabad.
3. Mr. M.Hussain Ikhtiyar
Qutar No 350-C Unit 10 Latifabad Hyderabad
4. Syed Faizan Ali,
House No E/25-2654 Near Kreem Masque Khate Chowk Hyderabad
5. Mr. Arif Qayoom
House No 88/A Ayoob Colony, Unit 11, Latifabad, Hyderabad
6. Mr. Adnan Ahmed
Flate No A-9 Anarkali Centre, Unit 7, Latifabad, Hyderabad
7. Mr. Ali Raza Sheikh
House No 245-23a Amil Colony, Hyderabad.
8. Mr. Mehmood Khan
House No 85, Block-A, Unit-10, Latifabad, Hyderabad.
9. Mr. Ahmed Baksh Gilal
H.No. Cu-A1, Had, Scheme-4,
Near Shadi Hall, Labour Colony, S.I.T.E, Hyderabad
10. Mr. Aziz Ahmed
H.No. 606 E-55 Yousfani Line Near Do Kabar Pakka Qila Hyderabad

SUBJECT:- RMP TRAINING.

With reference to your application on the above cited subject, I am directed to inform that you have been selected for the aforesaid training Program. Ist batch of the same is going to be started from Wednesday to Saturday the 16th to 19th August 2006 at Govt. College of Technology, Wahadat Colony, Hyderabad. Therefore, it is hereby advised to confirm your participation to the undersigned at 021-9244384 or 0300-2577483, before report for training on 16th August 2006 at 09.00 AM along with Identity Card, Educational Certificates and original Experience Certificate to the UNIDO Training Center, Ist Floor, Establishment Block, GCT Hyderabad.


Tassadduq Shahab
Deputy Project Director-II
UNIDO C-No.16001010

Endt. No: SBTE/CCRD/UN-55(3)/

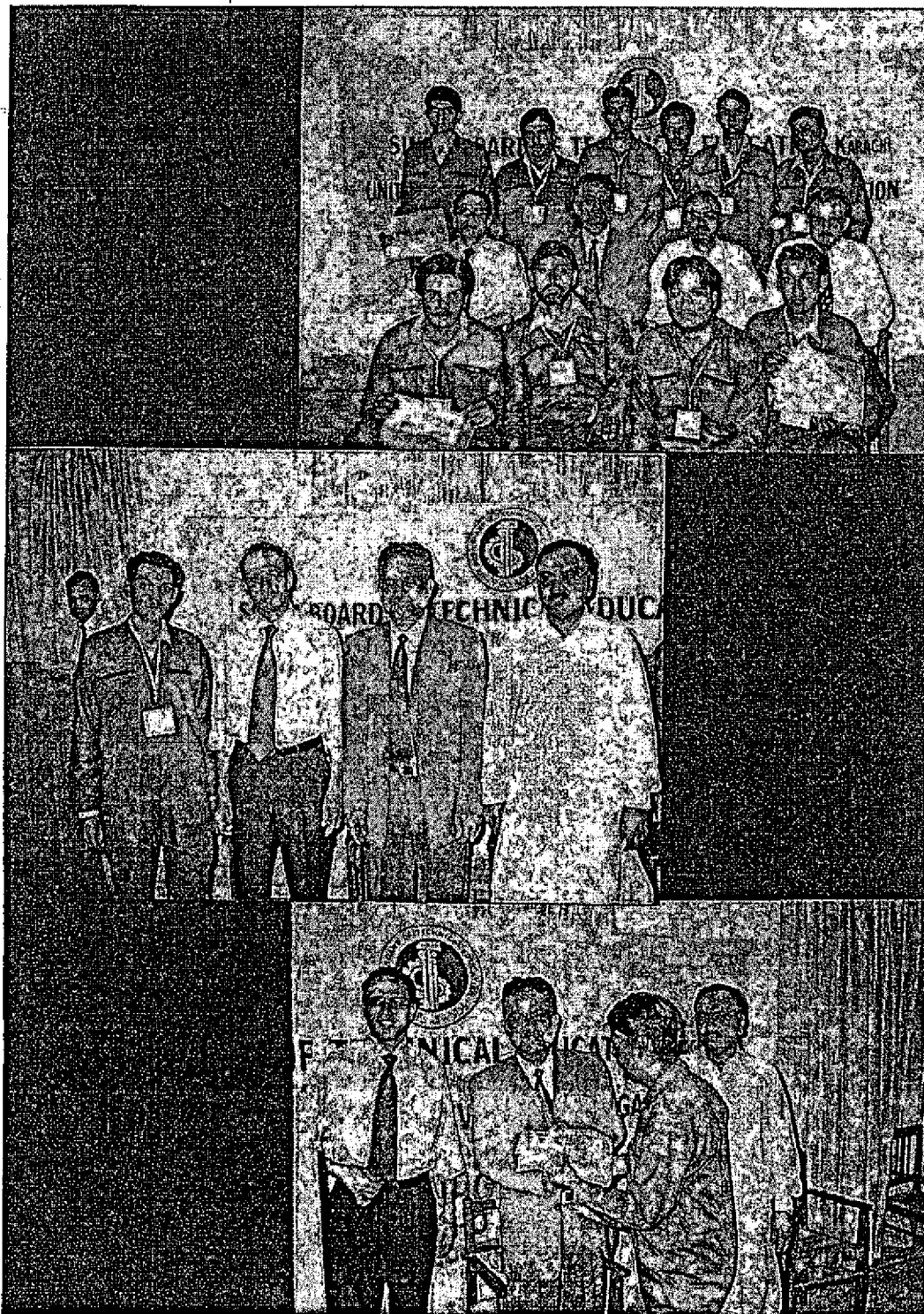
Date: 7th August, 2006.

TENTATIVE PROGRAMME

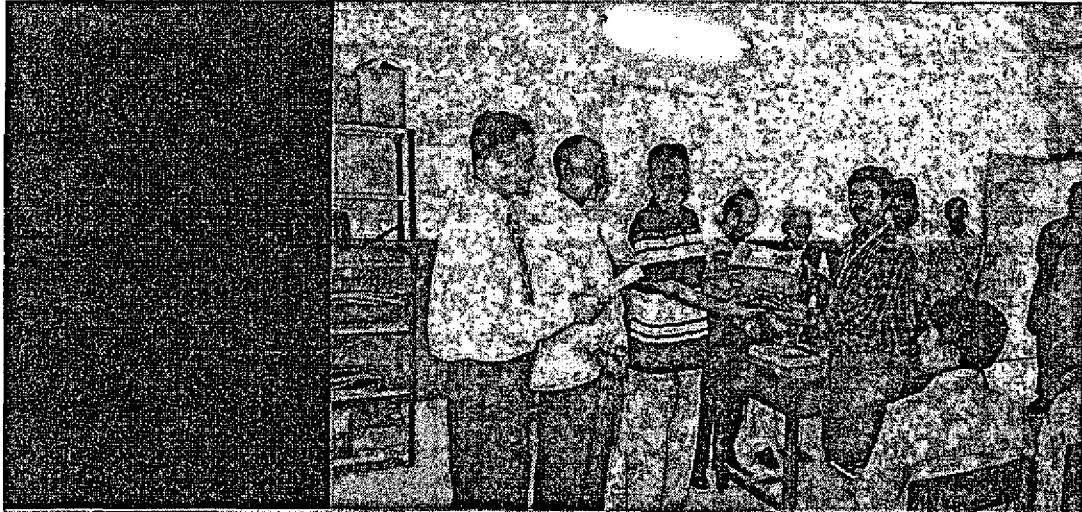
(Opening Ceremony)

Day: *Wednesday*
Date: *16th August 2006*
Time: *10:00 AM*
Venue: *G.C.T Hyderabad.*

- | | | |
|-----|--|------------|
| 1. | GUESTS TO BE SEATED | 09:45 A.M. |
| 2. | ARRIVAL OF CHIEF GUEST | 10:00 A.M. |
| 3. | RECITATION FROM HOLY QURAN | 10:05 A.M. |
| 4. | WELCOME ADDRESS BY CHAIRMAN, SBTE. | 10:10 A.M. |
| 6. | ADDRESS BY THE MASTER TRAINERS
(M/S DARYA KHAN, KALEEM IFTIKHAR SIDDIQUI
AND LATEEF AHMED) | 10:20 A.M. |
| 7. | ADDRESS BY THE DIRECTOR
TECHNICAL EDUCATION SINDH. | 10:35 A.M. |
| 8. | ADDRESS BY THE UNIDO CONSULTANT | 10:45 A.M. |
| 9. | ADDRESS BY THE CHIEF GUEST | 10:55 A.M. |
| 10. | PLAQUE DISTRIBUTION | 11:05 A.M. |
| 11. | VOTE OF THANKS BY THE PRINCIPAL, GCT-HYD. | 11:10 A.M. |
| 12. | GROUP PHOTO | 11:15 A.M. |
| 13. | REFRESHMENT | 11:20 A.M. |



**First Batch at Govt. College of Technology, Hyderabad
(16th to 19th August 2006)**



First Batch at Govt. College of Technology, Karachi

(23rd to 26th August 2006)

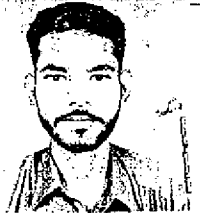




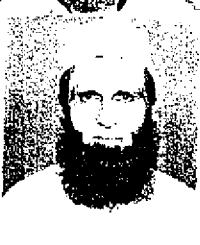
ANNEXURE - B







TRAINING CENTRE







**GOVT. COLLEGE
OF
TECHNOLOGY
SITE
KARACHI**







**LIST OF TRAINEES OF RMP TECHNICIAN TRAINING,
FROM AUGUST TO DECEMBER -2006**


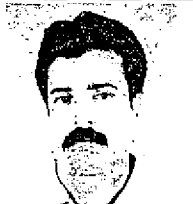




CENTER : GOVT. COLLEGE OF TECHNOLOGY, SITE, KARACHI.




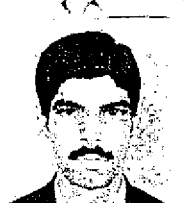
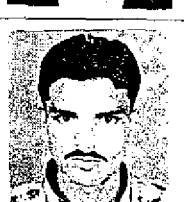

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
1	Asad Hussain Siddiqui S/o. Lateef Ahmed.	Farooq Engineering and Services, Staff Colony, GCT. Karachi.	
2	Malik Muhammad Rehan S/o. Malik Muhammad Ramzan.	Marathan Construction Company (Pvt) Ltd, Karachi.	
3	Adnan Ali S/o. Fazal Karem.	Thandi Hawa, Munir Ahmed Shaheed Road, Adjacent KPT Ground, Jut Line Contonment Board Garage No. I, Saddar, Karachi.	
4	Qasim Raza S/o. Ali Raza.	Farooq Engineering and Services, Staff Colony, GCT. Karachi.	
5	Muhammad Rehman S/o. Muhammad Jamil.	Coolpoint, Manufacturer of Air-Conditioners & Coils. Suit # 208-A, 2 nd Floor, Plot # DC-4, Clifton Center, Clifton. Karachi	
6	Yahya Iqbal S/o. Iqbal Abdullah.	Yayah Refrigeration & A/C Mechanic, LS-23/3, F.B. Area, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
7	Mubin Ahmed S/o. Munir Ahmed	Yayah Refrigeration & A/C Mechanic, LS-23/3, F.B. Area, Karachi.	
8	M. Mubashir S/o. Abdul Ghafoor.	Nestle Pakistan, Plot # 91, Sector-15, Korangi Industrial Area, Karachi.	
9	Intizar S/o. Intizam.	Nestle Pakistan, Plot # 91, Sector-15, Korangi Industrial Area, Karachi.	
10	Shamshad A. Khan S/o. Arshad Ali Khan.	Falcon Air Conditioning, Shop No./0, Block-6, Nursery P.E.C.H.S, Karachi	
11	Zahid HUSSAIN Khan S/o. Muhammad Saeed Ahmed Khan.	Sohail Service Center. Johar Heights, Shop # 04, Gulistan-e-Johar, Block-07, Main University Road, Karachi.	
12	Usman Ghaffar Masood S/o. Abdul Ghaffar Masood.	Farooq Engineering and Services, Staff Colony, GCT. Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
13	Amir Ashraf S/o. Muhammad Ashraf .	NED University of Engineering & Technology, Universty Road, Karachi.	
14	M. Waqas Khan Afridi S/o. Anwar Hussain Afridi.	H # L-29, Sector 11-C/2, Sir Syed Town, North Karachi.	
15	Syed Shehzad Hussain S/o. Syed Sajjad Hussain.	Ali Gohar Pharma, SITE, Karachi.	
16	Saeed ur Rehman S/o. Fazal ur Rehman.	Mehndi Engineering. R-10/2, Gulistan-e-Johar, Karachi.	
17	Syed Muhammad Usman S/o. Syed Muhammad Eijaz Naeemi.	MRS Madina Refrigeration Service, 3-H-10/1, Workshop No.1, Zamarrud Center, Nazimabad No.1, Karachi.	
18	Mubashir Waheed S/o. Muhammad Waheed.	Gatron Industries (utility Department)	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
19	Shceraz Mahmood Khan S/o. Mujeeb ul Hassan Khan	R-1025, Sector-16-A, Buffer Zone, Karachi.	
20	Muhammad Owais Siddiqui S/o. Muhammad Nazim Siddiqui.	Block-N. G.P.O. Compound, North Nazimabad, Karachi.	
21	Muhammad Faisal S/o. Abdul Hameed.	H # G/10, Sector-5, Islami Camp, Usmanabad, Karachi.	
22	Syed Muhammad Farrukh Masood S/o. Syed Muhammad Hassan Masood.	Fahim, Nanji & Desouza Consulting Engineers. 10, ILACO House, Abdullah Haroon Road, Saddar Karachi.	
23	Asif Ali S/o. Asghar Ali	Fahim, Nanji & Desouza Consulting Engineers. 10, ILACO House, Abdullah Haroon Road, Saddar Karachi.	
24	Kamran Waheed S/o. Abdul Waheed.	Fahim, Nanji & Desouza Consulting Engineers. 10, ILACO House, Abdullah Haroon Road, Saddar Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
25	Abdul Hafeez S/o. Abo Bakar .	M. Haneef Repair Point, Mota Madad Lyari, Karachi.	
26	Amjad Kaleem S/o. Iqbal uz Zaman Khan.	M & A Associates, A-22, Nazia Appartment, Block-6, Gulshan-e-Iqbal, Karachi.	
27	Asif ur Rehman S/o. Aziz ur Rehman.	Bismillah Refrigeration, D-6, Block-11, Main Road Near Tahir Villa Round About, F.B. Area, Karachi.	
28	Azhar Atta S/o. Atta Muhammad.	Pakistan International Airline, HEM/ENGG/PIAC. PIA building, Quaid-e-Azam International Airport, Karachi.	
29	Imtiaz Ali S/o. Muhammad Yousuf.	New Nice Cool. C-43/3, Malir Tanki, Karachi.	
30	Muhammad Faheem S/o. Muhammad Hafeez ullah.	R.H. Refrigeration Engineers, Shop # 6, Multi Story Building, Block-B, Adamjee Nagar, Amir Khusro Road, Karachi.	




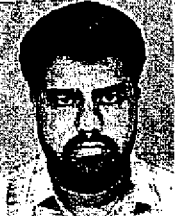


Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
31	M. Imran S/o. Manzoor Ahmed	Bismillah Refrigeration, Masken Chowrangi, Gulshan-e-Iqbal, Karachi.	
32	Syed M. Shakeel Shams. S/o. Syed M. Shamsul Huda.	Rizwan Refrigeration & Engg. Works. Hadi Road, Moosa Colony, F.B. Area, Karachi.	
33	Tariq Aziz S/o. Abdul Aziz.	Farooq Engineering Services. 82 - D, Furqanabad, Old Sabzi Mandi, University Road, Karachi.	
34	M. Shahnawaz Khan S/o. M.A Rasheed Khan.	Comfort Coordinates, 4, Allawali Street, Off Abdullah Haroon Road, Opp. Rock Court, Karachi.	
35	Waqar Ahmed S/o. Iftikhar Ahmed	Rizwan Refrigeration & Engg. Works. Hadi Road, Moosa Colony, F.B. Area, Karachi.	
36	Azhar Gul S/o. Gul Muhammad Siddiqui .	H # D-6/15, Near Sarwar Health Club, Jut line Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
37	Absar Sami S/o. Abdul Sami.	Air Technique Engineers, 102, Good Time Apartment, SB-44, Block-13-B, Opp. Mosque Bait-ul-Mukarrum, Gulshan-e-Iqbal, Karachi.	
38	Muhammad Ammar S/o. Muhammad Ismail.	Prince Refrigeration. Garden West, Karachi.	
39	Habib ur Rehman S/o. Muhammad Younus.	Madina Refrigeration & Engineering. Shah Wali ullah Road, Lyari, Karachi.	
40	Saqib Ali Chisti S/o. Mushtaque Ali Chisti.	Engineering Services. Suit No.7, 3 rd Floor No.680- 681/C, Allama Iqbal Road. P.E.C.H.S. Karachi.	
41	Fahad Shahnawaz Shafi. S/o. Shahnawaz Shafi.	Gulf Refrigeration Services. 4/198, Liaquatabad, Karachi.	
42	Hifiz Shamsher Siddiqui S/o. Rehamt ullah Siddiqui.	Nadeem Refrigeration Center. 228, Sector 11 ½, Imam Colony, Orangi Town, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
43	Syed Muhammad Kamil S/o. Syed Nusrat Ali	19/3, Commercial Area, Liaquatabad, Karachi.	
44	Aijaz uddin S/o. Azeem uddin.	H.No.479/4, K.B.R, North Karachi.	
45	Muhammad Abid S/o. Muhammad Shahid.	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
46	Ali Zaib Khan S/o. Abdul Khaliq Khan.	Al-Mustafa Refrigeration and A/C Works. 116-A, Hameed Pura Colony, Mirpur Khas.	
47	Faisal Akhtar S/o. Akhtar Hussain	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
48	Shabbir Ali S/o. Birjees Haider.	Good Luck Refrigeration Services. Abdul Qader Mansion, Panjabi Club, Kharadar, Karachi.	

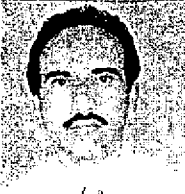





Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
49	Atif Munawwar S/o. Munawwar Hussain.	Air Technique Engineers, 102, Good Time Apartment, SB-44, Block-13-B, Opp. Mosque Bait-ul-Mukarrum, Gulshan-e-Iqbal, Karachi.	
50	Atiq ur Rehman S/o. Aziz ur Rehman.	Jamil Refrigeration & Air- Conditioned Works. Shop # 3, Fedral B Area, Karachi.	
51	Atif Ali Afandi S/o. Abdul Razzaq Afandi.	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
52	Khawer Ayub S/o. Muhammad Ayub Khan.	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
53	Kamran Mukhtar. S/o. Mukhtar Ahmed.	Kamran Refrigeration. 5-A, 5/4, Nazimabad No.5, Karachi	
54	Muhammad Sheharyar S/o. Saghir Ahmed Sheikh.	H.No. A/78, Block-9, Yascenabad, F.B.Area, Karachi.	





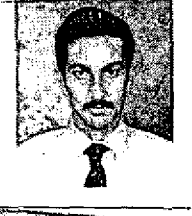

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
55	Muhammad Zeeshan Anis S/o. Anis ul Haq	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
56	Muhammad Salman S/o. Muhammad Saieem.	ACMA Engineering. Al-Anna Apartment Shop 3 5 & 6, Nazimabad No.1, Karachi.	
57	Raheel ur Rehman S/o. Shail ur Rehman.	The Professional Air-Conditioning. 1 st Floor, Kiyani Shaheed Plaza, Block-2, Kiyani Shaheed Road, Karachi	
58	Syed Naveed Ali S/o. Syed Shahid Ali.	DAIKEN Pakistan Air-Condition and Refrigeration Corporation (Pvt) Ltd. F-78/15, F.C.Area, Liaqutabad, Karachi	
59	Zeeshan Jameel S/o. Jameel Ahmed	Sana Refrigeration & Air-Conditioning Works. Shop # 9, Al-Ahmed Villa, SB-59, Block-13-B, Near K.D.A Stop University Road, Karachi.	
60	Zafar Ahmed S/o. Muhammad Ahmed.	Cool Ways. 635, Block-20, Federal B Area, Karachi.	

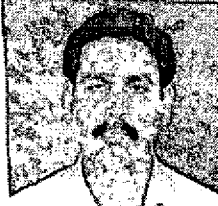





Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
61	Zubair uddin Khan. S/o. (Late) Nizam uddin.	Air Cool Center. 50-G, Market Block-VI, P.E.C.H.S. Near Chanesar Halt, Railway Station, Karachi.	
62	Abbas Khan S/o. Ghulab Khan.	Mezan Engineering Services. H.No.412, Shah Faisal Colony No.4, Karachi.	
63	Asif Raza S/o. Yousuf Raza.	Al-Yousuf Air Conditioning & Refrigeration Services. Shop # 12, Islamic Apartment, Gulshan-e-Iqbal, Block-2, Karachi.	
64	Farooq Sheraz S/o. Sultan Ahmed.	The Car Air-Conditioning. Shop# 13-14, 1 st Floor, Hashoo Centre, Abdulfah Haroon Road, Saddar, Karachi.	
65	S. Fayyaz Hussain Naqvi S/o. S. Abid Ali Naqvi.	H. No. B-56, Taj Center, Shah Faisal Colony No.1, Karachi.	
66	Muhammad Arif Shabbir. S/o. Muhammad Shabbir.	Mohatta Engineering Co. Ground Floor 8-C, Sunset Lane-5, DHA, Karachi.	

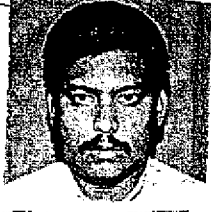





Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
67	Sohail Akhtar S/o. Sadrul Bari.	S . G. Fiber (Pvt) Ltd. Karachi	
68	Khalid Sarfraz S/o. Sarfraz Ahmed	Sarfraz Services. H # 1086/14, F.B. Area, Karachi.	
69	Khawar Sarfraz Butt. S/o. Sarfraz Ahmed Butt.	Sarfraz Services. H # 1086/14, F.B. Area, Karachi.	
70	Muhammad Naseem S/o. Nannhey Khan.	H # R-697, 15-A/2, Buffer Zone, North Nazimabad Town Karachi.	
71	Syed Muhammad Quaiser Naqvi. Syed Ali Hyder Naqvi (Late)	Pioneer Engineering Services. 2/C. sunset Lane-I, Phase II Extension, D.H.A, Karachi.	
72	Zeeshan Ashraf S/o. Muhammad Ashraf	Saher Refrigeration & Air- Conditioning Engineer, 2/232, Liaquatabad, Karachi.	





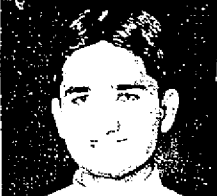

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
73	Taha Asif S/o. Muhammad Asif.	Flat # A-214, Serena Tower, Buffer Zone, 15-A/1, Karachi.	
74	Mr. Muhammad Ismail Iqbal S/o. Muhammad Iqbal	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
75	Mr. Muhammad Yousuf S/o. Azmat Ali.	Saher Refrigeration & Air- Conditioning Engineer, 2/232, Liaquatabad, Karachi.	
76	Mr. Muhammad Khalil S/o. Muhammad Bashir.	Pakistan International Airline, HEM/ENGG/PIAC. PIA building, Quaid-e-Azam International Airport, Karachi	
77	Mr. Shahid Malik S/o. Malik M. Aslam.	H # R-211, Sector 11-C/1, Latceef Nagar, North Karachi.	
78	Mr. M. Umair. S/o. M. Saleem.	Al-Falah Refrigeration. Rangah Singh Building, Nishter Road, Karachi	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
79	Mr. Abdul Zafar Siddiqui S/o. Abdul Ghaffar Siddiqui.	NED University of Engineering & Technology, Universty Road, Karachi.	
80	Mr. Muhammad Qasim S/o. Muhammad Miskcen.	Saher Refrigeration & Air-Conditioning Works. 2/416-A, Liaquatabad, Karachi.	
81	Mr. Muhammad Farrukh S/o. Muhammad Akram.	Saher Refrigeration & Air-Conditioning Works. 2/416-A, Liaquatabad, Karachi.	
82	Mr. Muhammad Kashif Haneef S/o. Muhammad Haneef.	Fair & Cool. 17-F, Commercial Area, P.E.C.H.S, Block-6, Karachi.	
83	Mr. Anwar Muhammad S/o. Wali Muhammad.	Al-Falah Refrigeration & A/C. Nazimabad, Karachi.	
84	Mr. Hamid Abduallah S/o. Muhammad Sami.	Cool Refrigeration & Air-conditioning. Shop # 50, Supreme Castle, Block-19, Gulistan-e-Jauher, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
85	Mr. Muhammad Azam Khan S/o. Muhammad Mustafa Khan.	Aiyad Makkah Hotel, P.O.Box 6020, Makkah KSA.	
86	Mr. Tariq Aziz S/o. Abdul Wali Qureshi.	H # B-514, Sector 11-A, North Karachi.	
87	Mr. Khawaja Razi uddin S/o. Khawaja Moinuddin.	Govt. Technical Training Centre. Jacob Line, Karachi.	
88	Mr. Shukur ullah Baig S/o. Qudural ullah Baig.	AGA Khan University / Hospital. Stadium Road, Karachi.	
89	Mr. Rizwan Yousuf S/o. Muhammad Yousuf.	AGA Khan University / Hospital. Stadium Road, Karachi.	
90	Mr. Muhammad Zakir Khan. S/o. Muhammad Shakir Khan.	Pakistan National Shipping Corporation. 30-Dharamshala Street, Keamari, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
91	Mr. Syed Asif Ali. S/o. Syed Abdul Ali.	Pakistan National Shipping Corporation. 30-Dharamshala Street, Keamari, Karachi.	
92	Mr. Abdul Haque S/o. Muhammad Zafar.	ST. Patrick's Institute of Science and Technology. Saddar, Karachi.	
93	Mr. Shakil ur Rehman S/o. Jamil ur Rehman.	Technical Training Centre. Al-Haidery, Karachi.	
94	Mr. Muhammad Wakeel Ahmed S/o. Ghulam Sarwar.	Greaves Air-conditioning (Pvt) Ltd. Modern Motors House, Beaumont Road, P.O.Box 4908, Karachi.	
95	Mr. Syed Ayaz Hussain S/o. Syed Iqbal Hussain.	Govt. of Sindh. Apprenticeship Training Center. Plot-1, Sector-42, Korangi, Karachi	
96	Mr. Mehmood Khursheed. S/o. Khursheed	ST. Patrick's Institute of Science and Technology. Saddar, Karachi.	

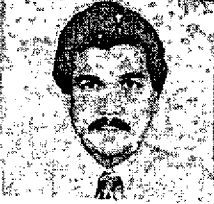


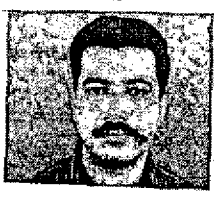
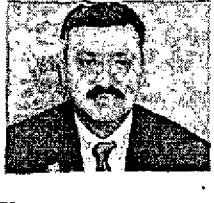

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
97	Mr. Syed Anwer Ali S/o. Syed Ghufan Ali.	H.No.N-98, Sector-7-D. Surjani Town, Karachi.	
98	Mr. Arshad Khan S/o. Rasheed Khan.	Nobel Technical Associates. Buffer Zone. North Nazimabad Town, Karachi.	
99	Mr. Sarfaraz uddin S/o. Samar uddin.	Mughal Refrigeration. 2-CB-13, Al-Falah Society	
100	Mr. Muhammad Ibrahim S/o. Dawood Khan.	H.No.09. Street No.4, Sector-B Qayyum Road, Karachi.	
101	Mr. Zulfiqar Khan S/o. Abdul Ghaffar Khan.	Madina Refrigeration & A/C Workshop. Muslim League Quarter, Nazimabad, Karachi.	
102	Mr. Saad Khan. S/o. Naeem Akhter Khan.	General Air-Conditioning Services. Razia Appt. Building 14/7, IV- D, Nazimabad No.4, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
103	Mr. Faizan Ahmed. S/o. Zaheer Ahmed.	H.No.1889, Muhammadabad, Gulbehar No.2, Karachi.	
104	Mr. Sultan Mahmood uz Zaman S/o. Peer Buksh Abbasi.	Bright Dawn Engineering Service. Suit No.14, West Point Tower, Phase-II, Extension D.H.A., Karachi.	
105	Mr. Abdul Mehfooz S/o. Abdul Quddus	Technical Air Services. 1139-Block No.14, Federal B Area, Karachi.	
106	Mr. Tanveer Qureishi S/o. M. Yameen Qureishi .	Bismillah Refrigeration & Air- Conditioning Works. LS-2, 7/D-3, Shadman Town, Karachi.	
107	Mr. Hammad Khan S/o. Shamshad Khan	Al Afnan Cool Care. B-25-26. Jama Masjid Raza, Dahrulluloom Chishtia Market, Main Bus Stop Korangi # 4, Karachi.	
108	Mr. Zeeshan Ali S/o. Waqar Ali Khan	Nobel Technical Associates. Buffer Zone, North Nazimabad Town, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
109	Mr. Khurram Masroor S/o. Masroor Anwer	H.No. B-513, Sector-11/A, North Karachi.	
110	Mr. Fahim Ahmed S/o. Wajih uddin	R-269, Sector-15-B, Buffer Zone, North Nazimabad Town, Karachi.	
111	Mr. Waseem S/o. Saleem.	Mobin Electronics. Shop # 2, Building No.15C, Saba Commercial Area, Karachi.	
112	Mr. Muhammad Azhar S/o. Muhammad Ismail.	Prince Refrigeration. Tharo Line Garden West, Nishter Road, Karachi.	
113	Mr. Syed Tariq Ali S/o. Syed Shabbir Ali.	House # H-172, Sadat Colony, Shah Faisal Colony, Karachi.	
114	Mr. Salman Aqil. S/o. Naeem Akhter Khan.	Syed Associates. Dastagir Society, F.B. Area, Karachi.	




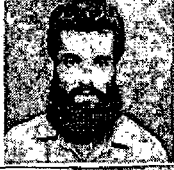


Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
115	Mr. Muhammad Tanveer. S/o. Ismail Perwaiz Qureshi.	Liaquat National Hospital. Stadium Road, Karachi.	
116	Mr. Muhammad Saeed S/o. Muhammad Rafiq.	Liaquat National Hospital. Stadium Road, Karachi.	
117	Mr. Syed Akhtar Ali S/o. Syed Ghufraan Ali	H # N-98, Surjani Town, Sector 7/D, Karachi.	
118	Mr. Rehman Alam S/o. Sardar Alam	Karachi Nuclear Power Complex. P.O.Box # 3183, Karachi.	
119	Mr. Noor Muhammad. S/o. Niaz Muhammad.	Greaves Air-conditioning (Pvt) Ltd. Modern Motors House, Beaumont Road. P.O.Box 4908, Karachi.	
120	Mr. Muhammad Rafiq S/o. Abdul Hameed	Bismillah Electronics Works & Cool. Shop # 02, Usmanabad Road, Near Cheel Chowk, Lyari, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
121	Mr. Faisal Iqbal S/o. Muhammad Iqbal	Bissmillah Electronics Works & Cool. Shop # 02, Usmanabad Road, Near Cheel Chowk, Lyari, Karachi.	
122	Mr. Wahab uddin S/o. Ahmed Hussain	Prince Cool Engineering. Shop # 121, Hashoo Center, Abdullah Haroon Road, Sadder Karachi.	
123	Mr. Zafar Hussain S/o. Asghar Ali	Nobel Technical Associates. Buffer Zone, North Nazimabad Town, Karachi.	
124	Mr. Kashif Khan S/o. Perwaiz Sajjad.	Prince Cool Engineering. Shop # 121, Hashoo Center, Abdullah Haroon Road, Sadder Karachi.	
125	Mr. Adnan Ahmed Khan S/o. Hameed Ahmed Khan.	C-303, Decent Arcade, Block # 07, Gulistan-c-Jouhar, Main University Road, Karachi.	
126	Mr. Ehtesham ul Haq S/o. Abdul Haq.	Technical Training Centre. Al-Haidery, Karachi.	



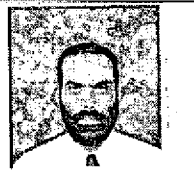



Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
127	Mr. Muhammad Alam Rizvi. S/o. Syed Vikalat Ali.	Pakistan Beverage (Pepsi) Site, Karachi.	
128	Mr. Shams uddin. S/o. Sher Ali.	The AGHA Khan University Hospital, Stadium Road, Karachi.	
129	Mr. Muhammad Arif S/o. Wahaj uddin	Sajid Textile Industries (Pvt) Ltd. Plot # 6, Sector 12-A, North Karachi Industrial Area, Karachi.	
130	Mr. Syed Hussain Nasir S/o. Syed Qaisar Nazar	Pfizer Laboratories Ltd. Site, Karachi.	
131	Mr. Syed Naseem Muhammad Naqvi S/o. Syed Hussain Muhammad Naqvi	MAFAH Engineering. B-333, Block-L, North Nazimabad, Karachi.	
132	Mr. Imran Masroor S/o. Masroor Anwar	H # B-513, Sector 11-A North Karachi.	



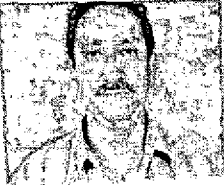



Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
133	Mr. Kashif Wahab S/o. Abdul Wahab (Late)	Engineering Services. R - 795, Sector-9, North Karachi	
134	Mr. Khurram Ali S/o. Shams uddin	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
135	Mr. Syed Roshan Ali Zaidi S/o. Syed Achehan Shah.	Syed Roshan Ali Zaidi. K-156, Qasba Colony, Karachi.	
136	Mr. Riaz Haider S/o. Mukhtar Haider.	Sunrise District Cooling, Techno City, Tower, Karachi.	
137	Mr. Raheem Suleman S/o. Sulcman.	The AGHA Khan University Hospital, Stadium Road, Karachi.	
138	Mr. Muhammad Arif S/o. Wali Muhammad.S/o.	Cool Industries (pvt.) Ltd. Madina Colony, Mohajir Camp, Baldia Town, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
139	Mr. Aziz ur Rehman. S/o. Jahandad Khan.	H # 328, Sector 11 ½, Aziz Nagar, Orangi Town. Karachi.	
140	Mr. Sarwar Hussain. S/o. Shahab uddin.	N.E.D. University of Technology, University Road, Karachi.	
141	Mr. Muhammad Ameen S/o. Shafi Muhammad	University of Karachi.	
142	Mr. Hamid Raza S/o. Raza Muhamamad	151, Shama House, Dawood Village, Malir City. Karachi.	
143	Mr. Jhanzaib S/o. Abdul Sattar	Techno man. Universty of Karachi.	
144	Mr. Muhammad Farooq S/o. Haroon Baloch	Techno man. Universty of Karachi.	




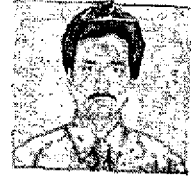


Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
145	Mr. Sajid Ahmed S/o. Abdul Latif SBTE/CCRD/RMP/K-215	Iqbal Electronics & Split Centre. A-64, Khudadad Colony, Karachi.	
146	Mr. Farrukh Talal Ahmed S/o. Irfan Ali SBTE/CCRD/RMP/K-216	New Star Cool. Jet Line, Bus Stop, Karachi No.3	
147	Mr. Muhammad Arif S/o. Muhammad Younus SBTE/CCRD/RMP/K-217	Sami Pharmaceutical (Pvt) Ltd. F - 95, off Hub River Road, SITE, Karachi	
148	Mr. Muhammad Saleem Khan S/o. Muti ur Rehman. SBTE/CCRD/RMP/K-228	Phoenix Armour (Pvt), 2 nd Floor, Shenaz House-8, West Wharf Road, Karachi.	
149	Mr. Muhammad Zubair Ahmed Khan S/o. Mehboob Ahmed Khan. SBTE/CCRD/RMP/K-229	Technoman Air-Conditioner, Refrigeration, Mechanical, Electrical, Maintenance, Installation, Engineer & Contractor.	
150	Mr. Nawab Ali S/o. Aziz Khan SBTE/CCRD/RMP/K-230	Bismillah Cool Shop, L-1345, Sector 11-F, UP Society, North Karachi.	


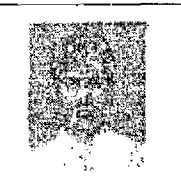

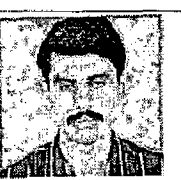


Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
151	Mr. Riaz Ahmed. S/o. M. Israr Ahmed. SBTE/CCRD/RMP/K-231	Haram Refrigeration and Electrical Services, Darakshan, Gulshan-e-Iqbal.	
152	Mr. Rizwan Sadiq. S/o. Muhammad Iqbal. SBTE/CCRD/RMP/K-232	Haroon Engineering Enterprises. Plot No.31-32, Sector 5-C Near Baldia Zonal Office, Saeedabad, Hub River Road, Karachi.	
153	Mr. Syed Noman Ahmed Thirmezi S/o. Syed Zarar Hussain Thirmezi SBTE/CCRD/RMP/K-233	Friends Cool R-43, Sector No. 2, North Karachi.	
154	Mr. Muhammad Umair Siddiqui S/o. Muhammad Hakim SBTE/CCRD/RMP/K-234	Civil Aviation Authority, Jinnah International Airport, Karachi.	
155	Mr. Ubaid ullah Khan S/o. Zulfiqar Khan SBTE/CCRD/RMP/K-235	Zia uddin Hospital, Clifton Campus, Karachi.	
156	Mr. Naveed Shamsuddin S/o. Shamsuddin SBTE/CCRD/RMP/K-236	Shams Warsi, UP More, Plot No.A-583, Sector 11-B. North Karachi	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
157	Mr. Meraj Ahmed S/o. Naseeb ullah SBTE/CCRD/RMP/K-237	Philip Electrical Industries of Pakistan Ltd. F-54, S.I.T.E, Karachi	
158	Mr. Aijaz Muhammad Khan S/o. Wali Muhammad Khan SBTE/CCRD/RMP/K-238	Fair & Cool, 17-F, Commercial Area, P.E.C.H.S, Block-6, Karachi.	
159	Mr. Nadeem Hussain S/o. Muhammad Hussain SBTE/CCRD/RMP/K-239	Hotel Avari Tower, Karachi.	
160	Mr. Arshad Azam S/o. Muhammad Azam. SBTE/CCRD/RMP/K-250	S. G. Fiber Pvt. Ltd. S.I.T.E, Karachi.	
161	Mr. Muhammad Aqeel Khan S/o. Abdul Mateen Khan. SBTE/CCRD/RMP/K-251	AME Associates, OMI Hospital, Saddar, Karachi.	
162	Mr. Muhammad Khalid Hyder S/o. Hyder Bux Hakro. SBTE/CCRD/RMP/K-252	Akram Electronics, Magazine Zone, Saddar, Karachi	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
163	Mr. Muhammad Ashraf S/o. Muhammad Hussain Zubair. SBTE/CCRD/RMP/K-253	Bin Qasim Power Station, (KESC) HVAC Department. Karachi.	
164	Mr. Ubaid Habib S/o. Habib ullah. SBTE/CCRD/RMP/K-254	Habib ullah Pvt. Ltd. Karachi.	
165	Mr. Muhammad Afzal S/o. Abdul Shakoore (Late). SBTE/CCRD/RMP/K-255	M/s. Warsi Brothers Refrigeration & Air- conditioning Engineering Co. 14-B, Commercial Area, Muhammad Ali Society, Karachi.	
166	Mr. Muhammad Saleem S/o. Abdul Rasheed Khan SBTE/CCRD/RMP/K-256	Bu Turab Engineering, Shop # 2, Dawood Manzil, Nanak Wara, Chand Bibi Road, Karachi.	
167	Mr. Fayyaz Hussain S/o. Mumtaz Ali Khan SBTE/CCRD/RMP/K-257	New Paramount Air Condition Co. 12, Hoor Market, Nazimabad No.2, Karachi.	
168	Mr. Muhammad Nasir S/o. Muhammad Ayub SBTE/CCRD/RMP/K-258	Muneeb Electronics. Shop # 8-9, Nazia Apartment, Gulsha-e-Iqbal Block-6, Opp. Disco Bakery, Karachi	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
169	Mr. Muhammad Zubair Khan S/o. Zameer Khan SBTE/CCRD/RMP/K-259	Bismillah Refrigerator & Air-condition, Pakistan Chowk, Karachi.	
170	Mr. Tariq Hassan Siddiqui S/o. Khursheed Hassan Siddiqui. SBTE/CCRD/RMP/K-260	S. K. Electro Cool. Malir, Karachi.	
171	Mr. Syed Tariq Ali Shah S/o. Syed Ashiq Ali Shah Jilani SBTE/CCRD/RMP/K-261	M. Y. Cool Center, Shop # 2, Plot # 5/1-C, Shah Faisal Colony, Karachi.	
172	Mr. Muhammad Faisal S/o. Muhammad Bashir. SBTE/CCRD/RMP/K-272	Super Cooling Centre Shah Faisal Colony, Karachi.	
173	Mr. Abdul Latif S/o. Abdul Khaliq. SBTE/CCRD/RMP/K-273	Shams Fridge Works.	
174	Mr. Syed Fareed ul Hassan S/o. Syed Ayub ul Hassan. SBTE/CCRD/RMP/K-274	Civil Aviation Authority, Jinnah Air Port, Karachi.	

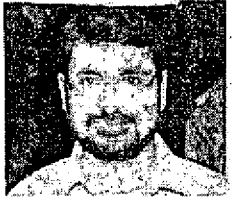



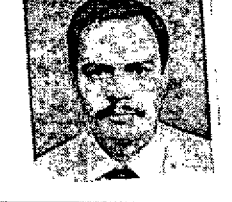

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
175	Mr. Obed Nasar S/o. Inayat Masih. SBTE/CCRD/RMP/K-275	Y . M . C . A. Polytechnic Institute, Aiswan-e-Saddar Road, Karachi.	
176	Mr. Ghayas uddin S/o. Nizam uddin. SBTE/CCRD/RMP/K-276	Dr. Zia uddun Hospital, Keamari Campus, Plot # 33, Behind KPT Hospital, Karachi.	
177	Mr. Muhammad Shakir Ansari S/o. Rasheed Ahmed Ansari. SBTE/CCRD/RMP/K-277	Pakistan Refrigeration, Hera Terrace, Alamgir Road, C.P Barar Society, Karachi.	
178	Mr. Muhammad Towhid S/o. Muhammad Ayub Hashmi SBTE/CCRD/RMP/K-278	Civil Aviation Authority, Jinnah Airport, Karachi.	
179	Mr. Muhammad Imran Noor S/o. Muhammad Noor. SBTE/CCRD/RMP/K-279	Civil Aviation Authority, Jinnah Airport, Karachi.	
180	Mr. Saeed ullah S/o. Aziz ullah SBTE/CCRD/RMP/K-280	Karachi Nuclear Power Complex, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
181	Mr. Ali Imran S/o. Ghulam Mustafa SBTE/CCRD/RMP/K-281		
182	Mr. Asif ul Iqbal S/o. Akhtar ul Iqbal. SBTE/CCRD/RMP/K-282	Republic Air-conditioning Engineers. Shah Faisal Colony, Karachi.	
183	Mr. Asim Ali Khan S/o. Abdul Hamced (Late) SBTE/CCRD/RMP/K-283	Habibullah Associates (Pvt) Ltd. 3 rd Floor, Progressive Plaza, Beaumont Road, Civil Lines, Karachi	
184	Mr. Muhammad Nasir S/o. Abdul Rasheed. SBTE/CCRD/RMP/K-294	Imran Refrigeration Works, C-278/2, Khudadad Colony, Shahrah-e-Quaideen, Karachi.	
185	Mr. Faheem uz Zaman S/o. Muhammad Salahuddin. SBTE/CCRD/RMP/K-295	Khalid Refrigeration Center, Shop # 4, Azra Square, UP More North Karachi.	
186	Mr. Shakeel Siddiqi S/o. Muhammad Salahuddin. SBTE/CCRD/RMP/K-296	Khalid Refrigeration Center, Shop # 4, Azra Square, UP More North Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
187	Mr. Muhammad Mubeen S/o. Muhammad Shafeeq. SBTE/CCRD/RMP/K-297	Al-Falah Air-condition & Refrigeration, Nazimabad # 1. Karachi.	
188	Mr. Ikhtiaque Ahmed S/o. Ishtiaque Ahmed. SBTE/CCRD/RMP/K-298	Al-Falah Air-condition & Refrigeration, Nazimabad # 1. Karachi.	
189	Mr. Irfan Ali S/o. Muhammad Saieem. SBTE/CCRD/RMP/K-299	Sindh Industries (Pvt) Ltd., E-43, A, S.I.T.E. Karachi.	
190	Mr. Muhammad Amir S/o. Abdul Hameed SBTE/CCRD/RMP/K-300	Liaquat National Hospital, Stadium Road, Karachi.	
191	Mr. Muhammad Usman S/o. Muhammad Siddiq. SBTE/CCRD/RMP/K-301	Liaquat National Hospital, Stadium Road, Karachi.	
192	Mr. Abdul Qadir S/o. Muhammad Hussain SBTE/CCRD/RMP/K-302	S. K. Electro Cool., Malir, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
193	Mr. Muhammad Zahid Hussain S/o. Muhammad Ahsan SBTE/CCRD/RMP/K-303	King Khalid International Airport, Riyadh, Saudi Arabia.	
194	Mr. Jamal Hassan Khan S/o. Muhammad Yousuf Khan SBTE/CCRD/RMP/K-304	Chippa Textile, North Karachi Industrial Area, Karachi.	
195	Mr. Waseen Anwar Khan S/o. Ghulam Fareed Khan SBTE/CCRD/RMP/K-305	Republic Air-conditioning & Refrigeration. Malir, Karachi.	
196	Mr. Muhammad Haris Khan S/o. Abdul Nasir Khan SBTE/CCRD/RMP/H-429	Tech Care Air-conditioning. Shop # 13, First Floor, Hashoo Centre, Abdullah Haroon Road, Karachi.	
197	Mr. Abdul Wahab S/o. Abdul Saeed. SBTE/CCRD/RMP/K-306	Bismillah Air-conditioner Center. Karachi.	
198	Mr. Shahzad Ajmal Khan S/o. Muhammad Ajmal Khan. SBTE/CCRD/RMP/K-307	M.Y Cool Center Shop # 2. P No.5/1-C, Shah Faisal Colony No. 5, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
199	Mr. Zafar Mehmood Shakir S/o. Haji Khuda Buksh SBTE/CCRD/RMP/K-308	Zafar Air-conditioners Engineering. 1-J, 20/4, MLQ, Nazimabad #1	
200	Mr. Sohail Ahmed S/o. Abdul Majeed. SBTE/CCRD/RMP/K-309	Suparco, Karachi.	
201	Mr. Hafiz Muhammad Shoaib S/o. Muhammad Younus Ahmed. SBTE/CCRD/RMP/K-310	Al Falah Refrigeration and Air-condition. Plot No. 1-K-3, Mahboob Appartment, Nazimabad # 1, Karachi.	
202	Mr. Shoaib Iqbal S/o. Iqbal Hussain. SBTE/CCRD/RMP/K-311	AE Ashab Electronics. Shop # 40, 1 st Floor, Hashoo Center, Abdullah Haroon Road Karachi.	
203	Mr. Jaweed Ahmed S/o. Anwar Ahmed SBTE/CCRD/RMP/K-312	Pakistan Refrigeration. SB/1 & 2, Al-Hilal Society, Opp. Subzi Mandi, University Road, Karachi.	
204	Mr. Ali Anwar Quraishi S/o. Anwar Hussain Quraishi. SBTE/CCRD/RMP/K-313	Swift Property Management Services Ltd. Karachi	

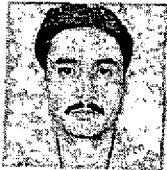





Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
205	Mr. Muhammad Sanawar S/o. Akber Ali SBTE/CCRD/RMP/K-314	NED University of Technology, Karachi.	
206	Mr. Tanveer ul Hassan S/o. Ashraf Ali SBTE/CCRD/RMP/K-315	Mafhh Engineers. B-333, Block-L, North Nazimabad, Karachi.	
207	Mr. Muhammad Kamal uddin S/o. Muhammad Salah uddin. SBTE/CCRD/RMP/K-316	NED University of Technology, Karachi.	
208	Mr. Umer Zaib S/o. Gul Bakht Shah. SBTE/CCRD/RMP/K-317	Suparco, Karachi	
209	Mr. Mumtaz Zafar S/o. Muzaffar Shah Khan SBTE/CCRD/RMP/K-328	Abdul Khaliq Qadri CM-38/2. Shamsi Soceity, Near Wireless Gate, Malir Halt, Karachi	
210	Mr. Saghir Ahmed S/o. Meer Dad SBTE/CCRD/RMP/K-329	New Shield Engincers 27-C, 12 th Commercial Street, Phase II, (Ext), Defence Housing Authority, Karachi.	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
211	Mr. Muhammad Farooque S/o. Muhammad Siddique SBTE/CCRD/RMP/K-330	I. C. S. Enterprises. 207, Amber Estate, Shahrah-e-Faisal, Karachi.	
212	Mr. Fahad Hussain S/o. Mazahir Hussain SBTE/CCRD/RMP/K-331	Modrten Refrigeration, Shop # 101, Hashoo Center, Abdullah Haroon Road, Karachi.	
213	Mr. Ejaz Ahmed Khan S/o. Imtiaz Ahmed Khan SBTE/CCRD/RMP/K-332	Suparco.	
214	Mr. Abdul Malik Khan S/o. Asgur Hussain Khan SBTE/CCRD/RMP/K-333	NED University of Technology, Karachi.	
215	Mr. Kahwaja Muhammad Anum Maaz S/o. Khawaja Muhammad Ashraf SBTE/CCRD/RMP/K-334	Karam A. C. Works Karachi	
216	Mr. Muhammad Zahir Zaman Usmani S/o. Muhammad Ameer Zaman Usmani SBTE/CCRD/RMP/K-335	Liaquat National Hospital, Stadium Road, Karachi.	






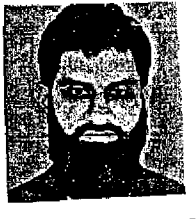
Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
217	Mr. Akbar Saddiq S/o. Painda Khan SBTE/CCRD/RMP/K-336	Mohatta Engineering Co. Ground Floor 8-C, Sunset Lane-5, DHA Ph. II, Karachi.	
218	Mr. Yasir Dil Murad S/o. Dil Murad SBTE/CCRD/RMP/K-337	Mir Abbas Ali, Shop # R-55, Commercial Area, Gulshan-e-Iqbal, Karachi.	
219	Mr. Mehboob Alam S/o. Muhammad Hanif SBTE/CCRD/RMP/K-338	Falcon Air-conditioning, Shop # 2/0. Block-6, Nursery, P.E.C.H.S, Karachi	
220	Mr. Anwar Ahmed S/o. Iftekhhar Ahmed SBTE/CCRD/RMP/K-339	N.E.D University of Technology, Karachi.	
221	Mr. Muhammad Tauqeer Hussain S/o. Muhammad Basharat Hussain SBTE/CCRD/RMP/K-350	Sunrise District Cooling, Techno City Tower.	
222	Mr. Muhammad Waseem Khan S/o. Muhammad Haleem Khan SBTE/CCRD/RMP/K-351	Marphy Cool Engineers, Mezzanine Floor, 3/innah C.H. Society, Siddiqsons Tower, Sharah-e-Faisal, Karachi	







Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
223	Mr. Muhammad Khalid Aleem S/o. Muhammad Abdul Quddus SBTE/CCRD/RMP/K-352	Prince Cool Engineers Karachi.	
224	Mr. Muhammad Sharafat Hussain S/o. Muhammad Ifikhar Hussain SBTE/CCRD/RMP/K-353	Misbah Cool Breaze. Karachi.	
225	Mr. Zeeshan Faisal S/o. Khalid Rasheed SBTE/CCRD/RMP/K-354	Suparco Plant.	
226	Mr. Rizwan Ahmed Qureshi S/o. Muhammad Umer Qureshi SBTE/CCRD/RMP/K-355	Cold Industries (Pvt) Ltd. Karachi	
227	Mr. Muhammad Owais S/o. Shabbir Ahmed SBTE/CCRD/RMP/K-356	Elektra System. New Jinnah Terminal, Karachi International Airport, Karachi.	
228	Mr. Muhammad Abrar Khan S/o. Muhammad Ayoub Khan SBTE/CCRD/RMP/K-357	NED University of Technology, Karachi.	



Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
229	Mr. Ghulam Nabi S/o. Abdul Karim SBTE/CCRD/RMP/K-358	NED University of Technology, Karachi.	
230	Mr. Muhammad Imran S/o. Munshi Khan SBTE/CCRD/RMP/K-359	Alkram Textile Mills & Greaves Cotton Air-condition. Karachi.	
231	Mr. Muhammad Irshad S/o. Munshi Khan SBTE/CCRD/RMP/K-360	Greaves Cotton Air-condition & K.S Enterprises.	
232	Mr. Javed Khan S/o. Said Ghulam SBTE/CCRD/RMP/K-361	Suparco Plant, Hub River Road, Karachi	
233	Mr. Amjad ullah S/o. Basharat ullah SBTE/CCRD/RMP/K-362	Sindh Poultry Vaccine Centre, Animal Science Complex, Korangi, Govt. of Sindh.	
234	Mr. Faisal Khorasany S/o. G.H. Khorasany SBTE/CCRD/RMP/K-363	Liaquat National Hospital, Stadium Road, Karachi.	

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
235	Mr. Muhammad Ramzan S/o. Muhammad Aziz SBTE/CCRD/RMP/K-364	Liaquat National Hospital, Stadium Road, Karachi.	
236	Mr. Muhammad Jamil S/o. Muhammad Arif SBTE/CCRD/RMP/K-365	Hayyat Engineering Services, S.I.T.E, Karachi.	
237	Mr. Muhammad Rizwan Anwar S/o. Muhammad Anwar SBTE/CCRD/RMP/K-366	PN Docyard, West Wharf, Karachi	
238	Mr. Ameer Ali S/o. Shoukat Ali SBTE/CCRD/RMP/K-367	Field Engineers, 3 - Avanti Terrace, Block-2, P.E.C.H.S. Allama Iqbal Road, Karachi.	
239	Mr. Muhammad Zahid S/o. Muhammad Usman SBTE/CCRD/RMP/K-368	Z. Qayoom Associates. K - 240, Johar Colony, Mangho Pir Road, Karachi.	
240	Mr. Muhammad Munawwar S/o. Zaheer uddin SBTE/CCRD/RMP/K-369	Habibullah Associates Ltd. 3 rd Floor, Progressive Plaza, Karachi.	

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
241	Mr. Manzoor Nawaz S/o. Muhammad Nawaz SBTE/CCRD/RMP/K-370	Nawaz Cool, Shop # 12, Al Mujahid Appartment. Opp. Hali Muslim School, Nishtar Road, Garden West, Karachi.	
242	Mr. Muhammad Abbas S/o. Muhammad Ashraf SBTE/CCRD/RMP/K-371	PN Docyard, West Wharf, Karachi	
243	Mr. Atif ul Iqbal S/o. Akhtar ul Iqbal SBTE/CCRD/RMP/K-372	Karachi Electric Supply Corporation.	
244	Mr. Muhammad Shahid S/o. Muhammad Sultan SBTE/CCRD/RMP/K-373	Govt. College of Technology, Site, Karachi	
245	Syed Shahid Hussain S/o. Syed Akhlaque Hussain. SBTE/CCRD/RMP/K-374	NEWTOWN Beverages & Food Equipment. Sharja U.A.E.	
246	Mr. Altaf Ahmed S/o. Muhammad Buksh. SBTE/CCRD/RMP/K-375	Govt. College of Technology, Site, Karachi	

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
247	Mr. Zahid Ali Qureshi S/o. Abdul Rasheed Qureshi SBTE/CCRD/RMP/K-395	Top Cool Technics. 16, Supariwala building Near C.I.A Centre, Shakra-e-Iraq. Karachi.	
248	Mr. Muhammad Kashif Anwar S/o. Anwar ul Haq SBTE/CCRD/RMP/K-396	Hot Cool Refrigeration. L-620, Sector 5-L, North Karachi.	
249	Mr. Aman ul Haque S/o. Ikram ul Haque SBTE/CCRD/RMP/K-397	Workshop of Refrigeration & Air-conditioning. A-289, Masroor Colony, Mauripur, Karachi.	
250	Mr. Abdul Khaliq S/o. Abdul Rehman SBTE/CCRD/RMP/K-398	Sindh Cool Engineering Work B-71, Commercial Area, Hasrat Mohani Colony, Karachi.	
251	Mr. Muhammad Zeeshan Sheikh S/o. Muhammad Umer Sheikh SBTE/CCRD/RMP/K-399	Sindh Cool Engineering Work B-71, Commercial Area, Hasrat Mohani Colony, Karachi.	
252	Mr. Shahzad Ahmed Ghafoor S/o. Abdul Ghafoor SBTE/CCRD/RMP/K-400	Karachi Nuclear Power Plant. Paradise Point, Karachi.	

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
253	Mr. Junaid Iqbal Khan S/o. Abdul Waheed Khan SBTE/CCRD/RMP/K-401	Karachi Nuclear Power Plant. Paradise Point, Karachi.	
254	Mr. Tazeem Ahmed Khan S/o. Sher Muhammad Khan SBTE/CCRD/RMP/K-402	Dan Pak Food Industries. Karachi.	
255	Mr. Muhammad Nasir S/o. Muhammad Miskeen SBTE/CCRD/RMP/K-403	DALLAH, Agencies Contracting Maintenance Operation. Madina, Saudi Arabia.	
256	Mr. Muhammad Hafceez S/o. Muhammad Akram SBTE/CCRD/RMP/K-404	Z . A . Cool Cefntre. Near by Island Apartment, Shop No.2, Choudhary Rehmat Ali Road, Bath Island, Karachi.	
257	Mr. Mirza Mukarram Irshad Hussain S/o. Mirza Irshad Hussain SBTE/CCRD/RMP/K-405	Sindh Engineering, G . F . M. Canada.	
258	Mr. Muhammad Ahmed Khan S/o. Abdul Rasheed Khan SBTE/CCRD/RMP/K-406	Nobel Technical Associates. Buffer Zone, North Nazimabad Town, Karachi	





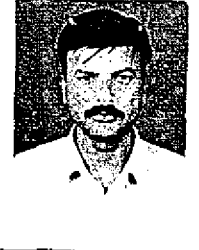
Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
259	Mr. Liaquat Ali S/o. Ghulam Muhammad SBTE/CCRD/RMP/K-417	K.D.L Refrigeration & Air-conditioner. Karachi.	
260	Mr. Muhammad Farooq S/o. Muhammad Ismail SBTE/CCRD/RMP/K-418	PTCL Karachi.	






TRAINING CENTRE


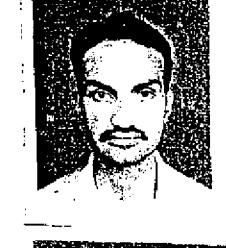

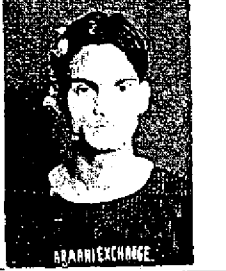

**GOVT. COLLEGE
OF
TECHNOLOGY,
HYDERABAD.**





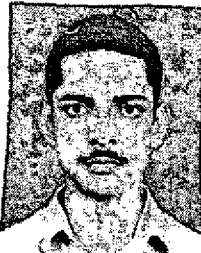
LIST OF TRAINEES OF RMP TECHNICIAN TRAINING.


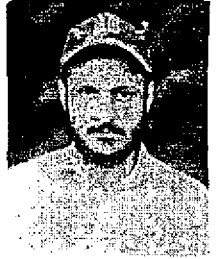
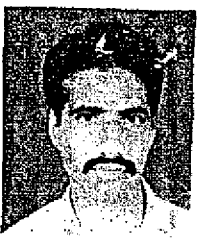


CENTER : GOVT. COLLEGE OF TECHNOLOGY, HYDERABAD.

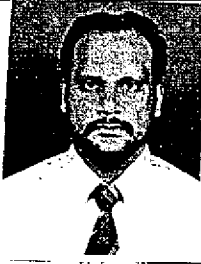
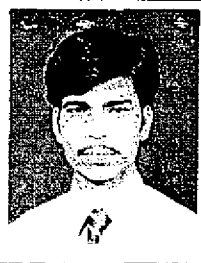



Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
1	Ali Raza Sheikh S/o. Fateh Muhammad Sheikh.	New Iqra Freezer & Electronics Centre, Hirabad Prince Ali Road, Thana Bola Khan Bus Stop. Htderabad.	
2	Abdul Majid Khan S/o. Qadir Khan.	Al-Jilani Refrigerator Service Centre, Near Jilani Hotel, National High Way, Kotri.	
3	Adnan Ahmed S/o. Bashir Ahmed.	Awami Refrigeration Service Center, Unit # 6, Latifabad, Hyderabad.	
4	Tahir Ahmed S/o. Maqsood Ahmed.	Sana Ferezer, Taluka Hospital, Kotri Dadu.	
5	Arif Qayoom S/o. Abdul Qayoom.	V.I.P Freezers & Electrical Centre, Shop No.13-14, Zain-ul-Abdin Masjid, Latifabad No.9, Hyderabad.	

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
6	Mahmood Khan S/o. M. Ibrahim Khan.	United Refrigeration Industries (Pvt) Ltd. D - 14, SITE, Hali Road, Hyderabad.	
7	Faizan Ali S/o. Asghar Ali	Metro Refrigeration, Foujdari Road, Hyderabad.	
8	Muhammad Shujaat Ali Khan S/o. Abdul Jalil Khan.	Ramzan Freezers, Shop No.69, Al-Rahim Shopping Centre, Huderabad.	
9	Aziz Ahmed S/o. Fakeer Muhammad.	H.No. 606 E-55, Yousfani Line Near Do Kabar, Pakka Qila, Hyderabad.	
10	Ahmed Baksh Gilal S/o. Rasool Bakhsh Gilal.	Al -Madina Refrigeration and Electric Works. Zeal Pak Market, SITE, Hyderabad.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
11	Mehmood Rana S/o. Ali Bahadur	Faizan Refrigeration, Near APWA School, Opp. HAD Office Latifabad, Hyderabad.	
12	Ahad Rasool S/o. Ch. Ghulam Rasool	Al-Atif Refrigeration & Engineers. Hyderabad.	
13	Muhammad Saleem Korejo S/o. Ghulam Qadir Korejo	Mehran Refrigeration & Air-conditioning,	
14	Saif ur Rehman S/o. Abdul Rehman	Universal Cool Care Works, Shop No.15, City View Plaza, Unit # 7, Latifabad, Hyderabad.	
15	Muhammad Rehan Shaikh S/o. Raees Ahmed	Cooling Point, Shop No.C-11, Siddique Plaza, Latifabad, Hyderabad.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
16	Asif Yameen Khanzada S/o. Muhammad Yameen	Techno Men Service Centre, 141 Al-Rahim Shopping Centre, Hyderabad	
17	Muhammad Waqas S/o. Muhammad Naeem	Universal Cool Care Works, Shop No.15, City View Plaza, Unit # 7, Latifabad, Hyderabad.	
18	Syed Yasir Ali S/o. Syed Jaffar Ali	Hamdam Refrigeration Service, Siddiq Plaza, Latifabad No.7, Hyderabad.	
19	Muhammad Atif S/o. Ch. Ghulam Rasool Rajput	Al-Atif Refrigeration Engineers, Hyderabad.	
20	Mr. Farhan Muhammad S/o. Ashfaq Muhammad	H # 75, Street No.2, Hameed Pura Colony No.1, Mirpurkhas.	

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
21	Syed Khalid Aziz S/o. Syed Abdul Aziz	H # 108, Block-E, Near Hussaini Imam Bargah, Latifabad No.11, Hyderabad.	
22	S. Rizwan Ali Shah S/o. Syed Hamid Ali Shah	H # 108, Block- E, Near Hussani Imam Bargah, Latifabad No.11, Hyderabad.	
23	Mr. M. Tarique Rasool S/o. Ch. Ghulam Rasool (Late)	Mughal Freezers, Shop No.8-191/3-4, Near Jamia Masjid Saddar, Hyderabad.	
24	Mr. Muhammad Ishaque S/o. Fazal - e - Rabi.	The Friends Engineering, Ghareeb Nawaz Road, Near Sabzi Mandi Chowk, Hyderabad.	
25	Mr. Jamal Hassan Zahid S/o. Iqbal Hussain Siddiqui	Sindh Cooling Centre, Hyderabad.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
26	Mr. Irshad Ali Shaikh S/o. M. Shazad Shaikh	Pakistan Beverage Ltd., C-7, Mirpurkhas Road, SITE, Hyderabad.	
27	Mr. Sajid Ahmed S/o. Khaleel Ahmed	New Star Freezers, Fojdari Road. Hyderabad.	
28	S. Jawed Shah S/o. Syed Ilyas Hussain	Mehran Car Air Conditioning. Gulfishan Garden. Auto Bhan Road, Latifabad # 7, Hyderabad.	
29	Mr. Rais Ahmed S/o. Abdul Shakoor	Mehran Car Air Conditioning. Gulfishan Garden, Auto Bhan Road, Latifabad # 7, Hyderabad.	
30	Mr. Muhammad Ali S/o. Amir Bakhsh Bhatti.	United Refrigeration Industries (Pvt) Ltd. D - 14, SITE, Hali Road, Hyderabad.	





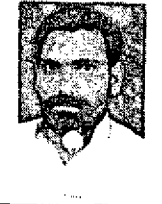
LIST OF TRAINEES OF RMP TECHNICIAN TRAINING.
FROM DECEMBER - 2006 TO MAY - 2007
CENTER : GOVT. COLLEGE OF TECHNOLOGY, HYDERABAD





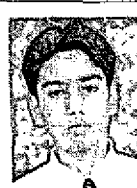
Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
31	Mr. Jameel Ahmed S/o. Muhammad Ibrahim SBTE/CCRD/RMP/H-218	Sindh Refrigeration and Air-conditioning Works. M.A. Jinnah Road, Sanghar.	
32	Mr. Inamuddin S/o. Muhammad Ramzan SBTE/CCRD/RMP/H-219	Sindh Car Air-conditioning & CNG Fitting Services. Auto Bhan Road, Near Cantt: Shopping Centre, Latifabad, Hyderabad	
33	Muhammad Javaid S/o. Abdul Jabbar SBTE/CCRD/RMP/H-220	Hussain Engineering & Refrigeration Services. Shop # 5, Near Sheraton Guest House, Auto Bhan Road, Hyderabad.	
34	Mr. Muhammad Furqan S/o. Muhammad Saleem Shaikh SBTE/CCRD/RMP/H-221	Shah Nawaz Freezer Services. Near Rabbani Masjid, Dattal Shah Chari, Pakka Qila, Hyderabad.	
35	Mr. Asif Khan S/o. Muhammad Ilyas Khan SBTE/CCRD/RMP/H-222	Sindh Cooling Centre. Hyderabad.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
36	Mr. Aftab Azeen Khan S/o. Babo Khan SBTE/CCRD/RMP/H-223	Pakistan Telecommunication Company Ltd., Office of the General Manager, STR - I, Hyderabad.	
37	Mr. Muhammad Aqeel Khan S/o. Muhammad Ashraf Khan SBTE/CCRD/RMP/H-224	Super Air Condition Service Centre. Shop # 6, Block-A, District Council Complex, Hyderabad.	
38	Mr. Nisar Ahmed Sodhar S/o. Muhammad Essa Sodhar SBTE/CCRD/RMP/H-225	Chandka Cooling Centre, Near SDO office Mehar, District Dadu.	
39	Mr. Muhammad Sultan Mughal S/o. Abdul Ghafoor SBTE/CCRD/RMP/H-226	Indus Freezers, Risala Road, Hyderabad.	
40	Syed Shahid Hussain S/o. Syed Ilyas Hussain. SBTE/CCRD/RMP/H-227	Sindh Car Air-conditioning & CNG Fitting Services. Auto Bhan Road, Near Cantt: Shopping Centre, Latifabad, Hyderabad	






Hyderabad






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
41	Mr. Shahid Hussain S/o. Muhammad Afzal SBTE/CCRD/RMP/H-240	Sindh Refrigeration, Piaro Goth. Dadu.	
42	Mr. Akhlaq Ahmed S/o. Abdul Shakoor SBTE/CCRD/RMP/H-241	Aulia Car Air Conditioning, Hyderabad.	
43	Mr. Habib ur Rehman S/o. Abdul Rehman SBTE/CCRD/RMP/H-242	Sindh Cooling Centre. Unit No.8. Latifabad, Hyderabad.	
44	Mr. Syed Inran ul Hassan Hashmi S/o. Syed Hameed ul Hassan Hashmi SBTE/CCRD/RMP/H-243	Mehran Car Air-conditioning, Gulfishan Garden, Auto Bhan Road, Hyderabad.	
45	Mr. Muhammad Usman Samo S/o. Punhoon Samoon SBTE/CCRD/RMP/H-244	Al-Raza Refrigeration Services Hyderabad.	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
46	Mr. Shah Rukh S/o. Muhammad Aslam SBTE/CCRD/RMP/H-246	Allah Wala Gold Chain Repair Workshop. Kotri Hyderabad.	
47	Mr. Shahzada Rizwan Ahmed S/o. Anis Ahmed SBTE/CCRD/RMP/H-245	S. R. Freezers Service Centre, Hyderabad.	
48	Mr. Muhammad Tayyab Khan S/o. Tahir Ahmed SBTE/CCRD/RMP/H-247	American Freezers Services Centre, Shop # 1, Manzoor Chamer Qazi Qayum Road, Garikhata, Hyderabad.	
49	Mr. Mansoor Khan S/o. Manzoor Khan SBTE/CCRD/RMP/H-248	Jibran Freezer, Unit # 6, Latifabad, Hyderabad.	
50	Mr. Shahid Mehmood S/o. Muhammad Yousuf SBTE/CCRD/RMP/H-249	Shahid Freezer & Denting Painting Workshop, Kiyani Road, Sanghar.	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
51	Arshad Khan S/o. Ahmed Khan SBTE/CCRD/RMP/H284	Wali Car Air-conditioning. Hyderabad.	
52	Mr. Mubashir Khan S/o. Muzzamil Khan SBTE/CCRD/RMP/H-285	Universal Cool Care Works. Hyderabad.	
53	Mr. Iftikhar Ahmed S/o. Ahmed Raza SBTE/CCRD/RMP/H-286	Shaheen Car Air-conditioning. Auto Bhan Road, Unit # 2, Latifabad, Hyderabad.	
54	Mr. Muhammad Asif S/o. Fahem Ahmed SBTE/CCRD/RMP/H-287	Fine Car Air-Conditioning Gulfishan Garden, Latifabad # 7, Hyderabad.	
55	Mr. Nouman Ahmed Khan S/o. Masood Anwar Khan SBTE/CCRD/RMP/H-288	Sindh Cooling Centre. A.c And Refrigeration. Near Aisha Park Unit.8, Hyderabad.	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
56	Mr. Moin Khan S/o. Muhammad Anwar Khan SBTE/CCRD/RMP/H-289	Marvi Car Air-conditioning. Auto Bhan Road, Near Cantt Shopping Center, Hyderabad.	
57	Mr. Muhammad Asif S/o. Muhammad Siddique SBTE/CCRD/RMP/H-290	Melran Car Air-conditioning and Auto Workshop. Hyderabad.	
58	Mr. Syed Own Abbas S/o. Syed Shahid Hussain SBTE/CCRD/RMP/H-291	Fine Car Air Conditioning, Hyderabad.	
59	Mr. Muhammad Irfan S/o. Zaheer uddin SBTE/CCRD/RMP/H-292	Saqib Freezing Centre. Hyderabad.	
60	Mr. Zafar Ahmed Khan S/o. Nizam uddin Rajput SBTE/CCRD/RMP/H-293	S.R. Freezer & Air Conditioning Services, Home Stead Hall, Hyderabad.	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
61	Mr. Khalil Ahmed S/o. Haji Muhammad Ibrahim SBTE/CCRD/RMP/H-340	Sindh Refrigeration and Air-Conditioning Works, Piaro Goth, Dadu.	
62	Mr. Muhammad Abdullah S/o. Muhammad Mushaq Ahmed Qureshi SBTE/CCRD/RMP/H-341	System Engineering Services. SHOP # E-3, Gulshan Apartments. Block-7, Disco Bakery, Karachi.	
63	Mr. Insaf Ali Shah S/o. Saeed Ali Shah SBTE/CCRD/RMP/H-342	Fine Car Air-conditioning. Auto Bhan Road, Near Cantt Shopping Centre. Unit # 7, Latifabad, Hyderabad.	
64	Mr. Fazal Elahi S/o. Haji Niaz Muhammad SBTE/CCRD/RMP/H-343	Frizzo refrigeration & Electric Works. Hyderabad.	
65	Mr. Asif Mahmood S/o. Ghulam Farid SBTE/CCRD/RMP/H-344	General Air-conditioning Services. Hyderabad.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
66	Mr. Sayed Muhammad Abbas Raza S/o. Sayed Jaffar Raza Abidi SBTE/CCRD/RMP/H-345	Al-Harami Refrigeration. Shop # 36, Zain-ul-Abdin masjid, Near Board Office, Latifabad, Hyderabad.	
67	Mr. Muhammad Ibrahim Shaikh S/o. Muhammad Ismail SBTE/CCRD/RMP/H-346	Super Air Conditioner Service Centre. Shop # 6, Block-A, District Complex, Phase I Thandi Sarak, Hyderabad.	
68	Mr. Asfand Javed S/o. Syad Javed Waris SBTE/CCRD/RMP/H-347	Glamour Electronics, Sopping Center, 13-D.C. Thandi Sarak, Hyderabad.	
69	Mr. Muhammad Haris S/o. Muhammad Rehman SBTE/CCRD/RMP/H-348	Glamour Electronics, Sopping Center, 13-D.C. Thandi Sarak, Hyderabad.	
70	Mr. Majid Mubcen S/o. Muhammad Mubeen SBTE/CCRD/RMP/H-349	United Refrigeration Industries A-151, Block-C, Unit No.2, Latifabad, Hyderabad.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
71	Mr. Muhammad Farhan S/o. Lal Muhammad Khoso SBTE/CCRD/RMP/H-386	Bilal Refrigeration Service. Khaliq-uz-Zaman, Kiyani Road, Sanghar.	
72	Mr. Muhammad Waqas S/o. Faiz Muhammad SBTE/CCRD/RMP/H-387	National Refrigeration & Air- Conditioning. Hyderabad.	
73	Mr. Asrar Ahmed S/o Abrar Ahmed SBTE/CCRD/RMP/H-388	Dawlance Services Centre, Hyderabad.	
74	Mr. Muhammad Noman S/o. Muhammad Ismail SBTE/CCRD/RMP/H-389	A.K. Freezers and Services Centre. Hyderabad.	
75	Mr. Muhammad Asif S/o. Muhammad Ismail SBTE/CCRD/RMP/H-390	Al-Falah Refrigeration and Air conditioning. Hyderabad.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
76	Mr. Irfan Ahmed Shaikh S/o. Ahmed Raza SBTE/CCRD/RMP/H-391	Shaheen Car Air-conditioning & Auto Works. Hyderabad	
77	Mr. Dilshad Fahad S/o. Shamshad Ali SBTE/CCRD/RMP/H-392	Al-Falah Refrigeration and Air conditioning. Hyderabad.	
78	Mr. Afzaal Ahmed S/o. Iqbal Ahmed SBTE/CCRD/RMP/H-393	Jawed Freezer, Hala Naka, Saima Plaza, Hyderabad	
79	Mr. Muhammad Faisal Ghori S/o. Muhammad Atique Ghori SBTE/CCRD/RMP/H-394	Pakistan Beverage. Pepsi. Universal Cool Care Works. Shop # 15, City View Plaza, Unit # 7, Latifabad, Hyderabad	
80	Mr. Ali Raza S/o. Muhamamad Zaman Laghari SBTE/CCRD/RMP/H-419	Power Engineers Hyderabad.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
81	Mr. Abdul Ghani S/o. Kator Khan SBTE/CCRD/RMP/H-420	Japan Freezers. Hyderabad.	
82	Mr. Qasim Altaf S/o. Altaf Hussain SBTE/CCRD/RMP/H-421	Sachal Car Air-conditioning Hyderabad.	
83	Mr. Mubarak Ali S/o. Alam Ali SBTE/CCRD/RMP/H-422	Irfan Refrigeration, Tando Allahyar,	
84	Mr. Abdul Qadcer S/o. Abdul Ghafoor Shaikh SBTE/CCRD/RMP/H-423	Wali Air-conditioning, Auto Bhan Road. Near Cantt. Centre. Unit # 7, Latifabad, Hyderabad.	
85	Mr. Muhammad Zubair S/o. Muhammad Sultan Mughal SBTE/CCRD/RMP/H-424	Mughal Freezers. Shop No.8-191/3-4, Near Jamia Masjid Saddar, Hyderabad.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
86	Mr. Shakir Ali S/o. Muhammad Sadiq Abbasi SBTE/CCRD/RMP/H-425	Sunny Freezer, Opp. Session Court, Thandi Sarak, Hyderabad.	
87	Mr. Raheel Ahmed Khan S/o. Ansar Ahmed Khan SBTE/CCRD/RMP/H-426	VIP Freezers & Electrical Center. Shop # 13-14, Zain-ul-Abdin Masjid, Latifabad # 9, Hyderabad.	
88	Mr. Abdul Hayee Khan S/o. Fatch Muhammad Khan SBTE/CCRD/RMP/H-427	Al-Mustafa Electronics 7 Cool Way Faizan Refrigeration, Hyderabad.	
89	Mr. Umair Asad S/o. Asad ullah Khan SBTE/CCRD/RMP/H-428	Jilani Freezers. Shop # 76, Al-Rahim Sopping Centre, Hyderabad.	
90	Mr. Abdul Khaliq S/o. Abdul Rahim SBTE/CCRD/RMP/H-430	Wali Car Air-conditioning, Auto Bhan Road, Near Cantt. Centre, unit # 7, Latifabad, Hyderabad.	

TRAINING CENTRE

REGIONAL

OFFICE.

SINDH BOARD

OF

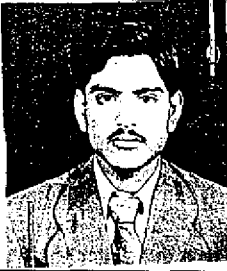




TECHNICAL






EDUCATION






SUKKUR.






LIST OF TRAINEES OF RMP TECHNICIAN TRAINING.






CENTER : REGIONAL OFFICE SBTE, SUKKUR.






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
1	Shafqat Ali S/o. Mir Muhammad Soomro.	Mehran Refrigeration Service & Denting Centre, Near Faiz Transport Lakh Gate, Station Road, Shikarpur.	
2	Amjad Islam S/o. Islam ul ddin Sheikh.	Maqsood Refrigeration Dowlance Authorized Workshop, Jacobabad City,	
3	Ishfaq Ali Mangi S/o. Decdar Hussain Mangi.	Al - Madina Auto Car Air Conditioning Center, Military Road, Sukkur.	
4	Muhammad Mudassir S/o. Shafi Ahmed.	Waseem Freezer Service Centre. Back Karim Photographer, Frere Road, Sukkur.	
5	Nafecs Ahmed S/o. Najam uddin.	Waseem Freezer Service Centre. Back Karim Photographer, Frere Road, Sukkur.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
6	Feroze Gul Khan S/o. Muhammad Ashraf Khan.	Waseem Freezer Service Centre. Back Karim Photographer, Frere Road, Sukkur.	
7	Nisar Ahmed Arain S/o. Muhammad Siddique.	Japan Cooling Center & Electric Works. National Highway, Ranipur.	
8	Toufeeq Ahmed. S/o. Noor Ahmed Junejo.	United Refrigeration & Air-Conditioning Center, Near Jinnah Chowk. Tipu Sultan Road, Sukkur.	
9	Asim Ali S/o. Munawar Ali.	Mustafa Refrigeration, Sukkur.	
10	Zain ul Abdin S/o. Abdul Khaliq.	Mister Sanden, Military Road, Opp. Al-Faisal Medical Center, Sukkur.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
11	Mubashar Hussain Qureshi S/o. Muhammad Ayaz Qureshi.	Rashid Refrigeration, Workshop Road, Sukkur.	
12	Asghar Ali Solangi. S/o. Muhammad Yaqoob Solangi.	Japan RAC Workshop & Repairing Center, Phool Bagh, Khairpur	
13	Iqbal Hussain S/o. Abdul Salam.	Ali Refrigeration Workshop. Miani Road, Sukkur.	
14	Abdul Salam Soomro S/o. Abdul Razzaque Soomro.	Siddique Electric & Electronics, Main Bazar, Hingorja.	
15	Fida Hussain Mangi S/o. Deedar Hussain Mangi.	Al-Madina Auto Car Air- Conditioning Workshop. Military Road, Sukkur.	

Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
16	Zakaria S/o. Mnmtaz Ali.	Royal Refrigeration & Air-Conditioning Repair Center, Sukkur.	
17	Ghulam Dastigeer S/o. Ghulam Ahmed.	Al-Race Refrigeration Agra Road, Near Phool Bagh, Gambat, Distt: Khairpur.	
18	Muhammad Shafique. S/o. Ali Sher.	Faique Refrigeration, Galla Mandi Road, Mehrabpur.	
19	Khursheed Ahmed Qureshi S/o. Muhammad Rafique Qureshi.	Renco Refrigeration, Minara Road, Sukkur.	
20	Abdus Salam S/o. Abdul Razzaq.	Karachi Refrigeration, Bunder Raod, Sukkur.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
21	Mr. Mohammad Anwer S/o. Mohammad Ibrahim	Good Luck Compressor Center, Dado Chowk Shikarpur Road, Sukkur.	
22	Mr. Muhammad Ibrahim Pirzada S/o. Jan Muhammad Pirzada	Royal Car Air-Conditioning Center, D/1541, Shikarpur Road, Sukkur.	
23	Mr. Ghulam Nabi Channa S/o. Late Abdul Rahim	Agha Cool RAC, Shahi Bazar, Sukkur.	
24	Mr. Naveed Ali Memon S/o. Faiz Muhammad Memon.	Tawakal Refrigeration Center, Bagh-e-Hayat Ali Shah, Near Momin Masjid, Sukkur.	
25	Mr. Nizam uddin S/o. Mahkum uddin	Engro Chemical Pakistan Ltd. Daharki, Distt: Ghotki.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
26	Mr. Muhammad Tariq Hameed S/o. Abdul Hameed	Cold Graft Refrigeration & Air-Conditioning. Firdous Market, Canal Bank Road, Karachi.	
27	Mr. Farhat Anwar S/o. Anwar Khan	Renco Refrigeration & Cool Indus & Pak Electron (Pvt) Ltd, Sukkur.	
28	Mr. Abdul Ghaffar S/o. Muhammad Ibrahim	Baghdad Freezer, Near Habib Bank Frere Road, Sukkur.	
29	Mr. Abdul Basit Larik S/o. Ghulam Akbar Larik	Agha Techno cool, Thalla, Sukkur.	
30	Mr. Imdad ullah S/o. Shabir Ahmed	Dawn Refrigeration, Lakhi Ghulam Shah, Sukkur. Mister Sanden, Military Road, Opp. Al-Faisal Medical Center, Sukkur.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
31	Deedar Hussain Kamangar S/o. Muhammad Iqbal Kamanger	Al-Madina Auto Car A/C Center, Near By-pass, Military Road, Sukkur.	
32	Saleemullah Abro S/o. Habib ullah Abro	Memon Enterprises, Barrage Road, Sukkur.	
33	Muhammad Kashif S/o. Muhammad Arif	A.S Refrigeration. Shop No.8, Sukkur Ghymkhan Muhammad Bin Qasim Park, Sukkur.	
34	Al-Shahbaz Nazar Baloach S/o. Gul Mehmood Balouch.	Arah-e-Ali Compressor and Refrigeration Repair Center. Dadu Chowk, Shikarpur Road Sukkur.	
35	Shahid Quddus Khan S/o. Abdul Quddus Khan	United Refrigeration Industries Ltd. B-1110 Muhammad Ali House, Bunder Road, Sukkur.	






Sr. No.	Name of Trainees	Organization / Workshop / Institution.	Trainee's Photograph
36	Oshaque Ali Khaskheli S/o. Qadir Bux	Cool Breeze, Refrigeration & Air- Conditioning Engineering Works. Kennedy Market Road, Larkana.	
37	Jahangir Ali S/o. M. Saleem Mughal	Yaqeen Refrigeration, Muhammad Bin Qasim Park, Sukkur.	
38	Shamsher Ali S/o. Agah Gu, Izzar Pathan.	Ali Refrigeration Center, Shikarpur.	
39	Waqar Hussain Qureshi S/o. Allah Ando Qureshi.	Pak International Cooling Center, Minar Road, Sukkur.	
40	Rashid Ali Soomro S/o. Ali Muhammad	Rashid Ali Soomro, Mehran Refrigeration Service. Shikarpur.	






LIST OF TRAINEES OF RMP TECHNICIAN TRAINING.
FROM DECEMBER - 2006 TO MAY - 2007
CENTER : REGIONAL OFFICE SBTE, SUKKUR.


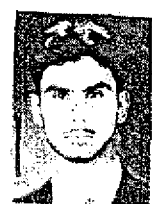



Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
41	Mr. Muneer Ahmed Shaikh S/o. Hanif ullah Shaikh SBTE/CCRD/RMP/S-262	Dawn Radio Company, Khairpur	
42	Mr. Rashid Saleem S/o. Shamsheer Ahmed SBTE/CCRD/RMP/S-263	Shalimar Cool Point. Near Section Police Station, Sukkur	
43	Mr. Kashif Ali Siddiqui S/o. Sakhawat Ali Siddiqui. SBTE/CCRD/RMP/S-264	Yaqeen Refrigeration, Sukkur.	
44	Mr. Abdul Razzaq S/o. Abdul Sattar. SBTE/CCRD/RMP/S-265	Cool Industries, Sukkur.	
45	Mr. Abdul Wahid Siddiqui S/o. Abdul Ghani Siddiqui SBTE/CCRD/RMP/S-266	Pak Elektron Ltd. Muhammad Bin Qasim Park, Sukkur.	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
46	Mr. Salman Amjad S/o. Amjad Ali SBTE/CCRD/RMP/S-267	Waves Cool Industries (Pvt.) Ltd. Sukkur	
47	Mr. Rasool Bux Shaikh S/o. Dhani Bux SBTE/CCRD/RMP/S-268	Ahsan Refrigeration services Centre. Mirani Muhallah, Shikarpur.	
48	Mr. Ilyas uddin Shaikh S/o. Iqbal uddin Shaikh SBTE/CCRD/RMP/S-269	United Refrigeration Industries Ltd.	
49	Mr. Shahid Rabbani S/o. Ghulam Rabbani SBTE/CCRD/RMP/S-270	Yaqeen Refrigeration, Sukkur.	
50	Mr. Abdul Qayoom Soomro S/o. Abdul Razzaque Soomro. SBTE/CCRD/RMP/S-271	Siddique Electronics. Hingorja	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
51	Mr. Ghulam Hussain S/o. Ghulam Hyder Bhutto SBTE/CCRD/RMP/S-318	Nisar Refrigeration, Dawlance Authorized Contract Work Shop, Sukkur.	
52	Mr. Aijaz Muhammad Shaikh S/o. Nek Muhammad SBTE/CCRD/RMP/S-319	Saifullah Refrigeration & Air-conditioner Repairing Centre. Mall Road, Khairpur.	
53	Mr. Altaf Ahmed Khan S/o. Munir Ahmed. SBTE/CCRD/RMP/S-320	Mustafai Refrigeration, Opp. Allied Bank, Barrage Road, Sfukkur.	
54	Mr. Parvaiz Ahmed S/o. Ali Anwar Mangi SBTE/CCRD/RMP/S-321	Cool Breeze Refrigeration & Air-conditioning engineering Works. Kennedy Market Road, Larkana.	
55	Mr. Syed Shahbaz Ali Gilani S/o. Syed Zakir Hussain SBTE/CCRD/RMP/S-322	Waves Cool Industries (Pvt.) Ltd. Sukkur	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
56	Mr. Ayaz Ahmed S/o. Fayyaz Ahmed SBTE/CCRD/RMP/S-323	Ayaz Refrigeration Centre. Old Sukkur.	
57	Mr. Afaq Ahmed Khan S/o. Nihal Ahmed Khan SBTE/CCRD/RMP/S-324	United Industries (Pvt) Ltd. Dawlance Customer Service Centre, Sukkur.	
58	Mr. Irshad Ali Ansari S/o. Musharraf Ali Ansari SBTE/CCRD/RMP/S-325	United Industries (Pvt) Ltd. Dawlance Customer Service Centre, Sukkur.	
59	Mr. Shahzeb Chohan Rajput S/o. Liaquat Ali Chohan Rajput SBTE/CCRD/RMP/S-326	Faiq Refrigeration & Spare Parts. Mehrabbpur.	
60	Mr. Rizwan Ahmed S/o. Muhammad Iqbal. SBTE/CCRD/RMP/S-327	Baghdad Freezen. Behind Hamdard Dawakhana, Frere Road, Sukkur.	






Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
61	Mr. Sayed Asghar Ali Shah S/o. Syed Khadim Hussain Shah SBTE/CCRD/RMP/S-376	Dolphin refrigeration Near Commissioner Office, Military Road, Karachi.	
62	Mr. Muhammad Akram Ansari S/o. Hafiz Qamar uddin SBTE/CCRD/RMP/S-377	Cool Industries (Pvt) Ltd. Sukkur.	
63	Mr. Sayed Munawar Abbas S/o. Sayed Muhammad Khaliq SBTE/CCRD/RMP/S-378	Dawlance Customer Service Centre. Sukkur.	
64	Mr. Ishtiaq Ahmed S/o. Iqbal Ahmed SBTE/CCRD/RMP/S-379	Sindh Refrigeration & Air- condition, Khairpur.	
65	Mr. Muhammad Usman S/o. Iqbal Ahmed SBTE/CCRD/RMP/S-380	Makkah Refrigeration, Thalla, Sukkur.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
66	Mr. Abdullah Domki S/o. Muhammad Afzal SBTE/CCRD/RMP/S-381	C/o. Dolphin Refrigeration, Near Commissioner Office, Military Road, Karachi.	
67	Mr. Tanveer Ahmed S/o. Muhammad Rashid SBTE/CCRD/RMP/S-382	Baghdad Freezen. Behind Hamdard Dawakhana, Frere Road, Sukkur.	
68	Mr. Muhammad Nadeem S/o. Muhammad Siddique SBTE/CCRD/RMP/S-383	Dolphin Refrigeration, Sukkur.	
69	Mr. Shakeel Ahmed S/o. Abdul Hadi SBTE/CCRD/RMP/S-384	New Dolphin Refrigeration, Sukkur.	
70	Mr. Muhammad Imran S/o. Aziz Ahmed SBTE/CCRD/RMP/S-385	Cool Power Nadeem service Centre, Near Jinnah Chowk, Tipu Sultan Road, Sukkur	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
71	Mr. Muhammad Ali Shaikh S/o. Bhaag Khan Ilyas Gul Bahar SBTE/CCRD/RMP/S-407	Paradise Refrigeration, Station Road, Larkana.	
72	Mr. Zahid Hussain S/o. Abdul Hameed SBTE/CCRD/RMP/S-408	Al-Raeef Refrigeration & electric Works. Agra Road, Near Phool Bagh, Gambat.	
73	Mr. Mubeen Ahmed S/o. Maqbool Ahmed SBTE/CCRD/RMP/S-409	Own Shop.	
74	Mr. Ashfaqe Ahmed S/o. Wali Ahmed SBTE/CCRD/RMP/S-410	Agha Techno Cool Centre, Sukkur. Wascom Freezer Service Centre, Back Karim Photographer, Frere Road, Sukkur	
75	Mr. Sadam Hussain S/o. Faqir Muhammad SBTE/CCRD/RMP/S-411	Bismillah Refrigeration & Air- conditioning, Savidar, Shilarpur.	

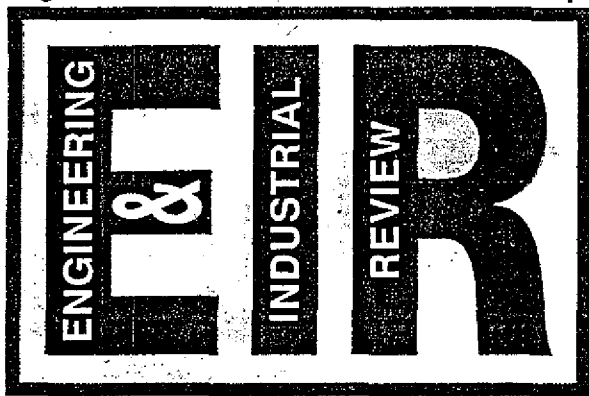
Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
76	Mr. Faisal Sattar S/o. Abdul Sattar Bhatti SBTE/CCRD/RMP/S-412	Sony Service Centre, Shahi Bazar, Sukkur.	
77	Mr. Sayed Saleem Raza Shah S/o. S. Anwar Ali SBTE/CCRD/RMP/S-413	Baghdad Freezen. Behind Hamdard Dawakhana, Frere Road, Sukkur.	
78	Mr. Baber Manzoor S/o. Manzoor Hussain SBTE/CCRD/RMP/S-414	Kashmir Refrigeration, Mirani Road, Sukkur.	
79	Mr. Shahnawaz Ali S/o. Ahmed Ali SBTE/CCRD/RMP/S-415	Dolphin Refrigeration, Sukkur.	
80	Mr. Abdul Raouf S/o. Abdul Ghani SBTE/CCRD/RMP/S-416	Baghdad Freezen. Behind Hamdard Dawakhana, Frere Road, Sukkur.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
81	Mr. Nasrullah Khoso S/o. Rustam Ali SBTE/CCRD/RMP/S-431	C/o. Dolphin Refrigeration. Near Commissioner Office, Military Road, Sukkur.	
82	Mr. Shahzad Ahmed Siddiqui S/o. Late Shafi Ahmed Siddiqui SBTE/CCRD/RMP/S-432	Karachi Refrigeration Centre. Jinnah Chowk, Bunder Road, Sukkur.	
83	Mr. Mirza Ahsan Ali S/o. M. Maqbool Ahmed Mughal SBTE/CCRD/RMP/S-433	C/o. Dolphin Refrigeration. Near Commissioner Office, Military Road, Sukkur.	
84	Mr. Bilawal Hussain S/o. Ibrar Hussain SBTE/CCRD/RMP/S-434	C/o. Dolphin Refrigeration. Near Commissioner Office, Military Road, Sukkur.	
85	Mr. Hassan Ali S/o. Ghulam Hussain Rajput SBTE/CCRD/RMP/S-435	Cool Industries (Pvt) Ltd. Waves, Sukkur.	

Sr. No.	Name of Trainees & Registration #	Organization / Workshop / Institution.	Trainee's Photograph
86	Mr. Ammad Ali S/o. Munawar Ali Siddiqui SBTE/CCRD/RMP/S-436	Agah Techno Cool Centre, Sukkur.	
87	Mr. Tariq Mahmood S/o. Muhammad Rafique SBTE/CCRD/RMP/S-437	Cool Industries (Pvt) Ltd, Golimar, Sukkur.	
88	Mr. Sarang Ali S/o. Aftab Ali Channa SBTE/CCRD/RMP/S-438	Nisar Refrigeration Service Centre, Sukkur.	
89	Mr. Ghayasuddin S/o. Iqbal uddin Shaikh SBTE/CCRD/RMP/S-439	Quick Ref. A.C Services Centre, Sukkur.	
90	Mr. Murtaza Ali S/o. M. Sharif Abbasi SBTE/CCRD/RMP/S-440	A.S Refrigeration, Sukkur.	

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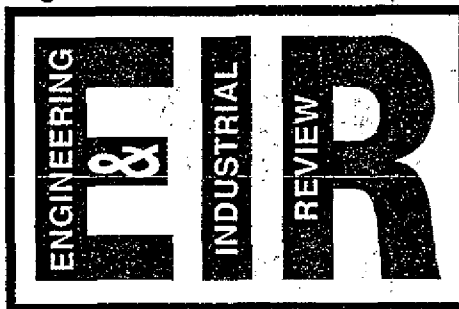
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Developing Human Resource for Refrigeration & Air-conditioning Industry

By

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Abstract

The development of technician training in the field of Refrigeration and Air-conditioning (RAC) in the Sindh Province was discussed and demand of the RAC technician in the industry and field was appraised. In Pakistan CFC-12 & HCFC-22 are the most popular and widely used refrigerants by the RAC industry, therefore handling of the CFCs/ HCFC-22 by the RACT industry in Pakistan and contribution of the country in releasing CFCs/ HCFC-22 into the atmosphere is also conferred in view of the fact that CFCs are Ozone Depleting Substance (ODS) and now environmental friendly refrigerants (green gas) is an international obligation for all the countries around the globe. The UNIDO program for implementation of above commitment and developing the human resource to lead the process of above change has been targeted for training of this very purpose of transformation. Evidence exists that three years Diploma of Associate Engineering is the highest qualified program in RAC and number of technicians produced in the Sindh Province are sufficient to meet the demand of the industry. Pakistan is

already in compliance with international obligations as far as CFC is concerned and bears an excellent track record and control through implementation of quota system.

Introduction:

At the time of independence Pakistan inherited technical institutes & vocational training centres established by Provincial Industries and Public Works Departments. Technology diploma level education was also being imparted at the two Colleges of Engineering & Technology at Lahore & Karachi. Refrigeration & Air-conditioning was a subject of Mechanical Technology. However, the major developments and expansion in the Technical Education and Vocational training (TEVT) sector took place in seventies after framing the National Education Policy 1972-80 (Ali, M. M., 1985 & Ali, M. M. 1986). The importance and needs for technician training in the field of Refrigeration and Air-conditioning Technology (RACT) in Pakistan was first realized in early sixties when the three years Diploma of Associate (DAE) program in RACT was introduced at Government College of

Technology, Karachi and Lahore. Now, in addition to DAE, RACT education is also offered at Matric level. In the absence of any specialized degree program in the field of RACT, the Board of Technical Education and Technical Institutions have played a pivotal role for providing human resource to the RAC industry since sixties. The developments in technician training in RACT are discussed in this article with specific reference to curricula, standards of education, number and quality of technician.

CFCs were used widely as a refrigerant in RAC equipments worldwide since introduction of RAC. The refrigerant CFCs belongs to the family of Ozone Depleting Substances (ODS) and now introduction of environmental friendly refrigerants by the year 2010 is an international obligation for all the countries around the globe and UNIDO is assisting the developing countries in implementation of the above commitment. In the country with the help of UNIDO progress was made in developing the human resource to lead the process of above change and target population for this very purpose of transformation has been estimated on

the basis of earlier surveys (UNIDO Contract, 2006). Majority of informally trained workers and service technicians were selected for training in the above UNIDO project from service workshops in all over the Sindh Province.

a) TEVT and RAC Technician Training

Normally for regular courses of TEVT the development work is done at regional levels and the curriculums developed at regional level were scrutinized for standardization at the Federal Level by the National Institute of Science & Technology Education (NISTE), Islamabad. The National

theory contents. Courses in DAE are divided into three main groups (a) Science & Mathematics, (b) Technical Courses and (c) Courses of Management. Previously there were number of provincial and national bodies looking after the TEVT however, now by merging all the provincial bodies Technical Education and Vocational Training Authority (TEVTA) has been formed to look after TEVT in each of the province and National Vocational and Technical Education Commission (NAVTEC) is established under the direct control of the Prime Minister of Pakistan at federal level.

percentage in last three years annual examinations. The curriculum of RACT diploma was first revised in 1982 and then in 1995-96 under Technical Education Project (TEP). Beside three years DAE program a trade course of 72 contacts hour's was also offered under Matric Technical in 3 Technical Schools. The above trade course was first launched in 1973 and revised in 2002 by the National Institute of Science & Technical Education (NISTE), Ministry of Education, Islamabad in collaboration of UNESCO and Board of Technical Education Sindh (SBTE). In Sindh province TEVTA is in the process of

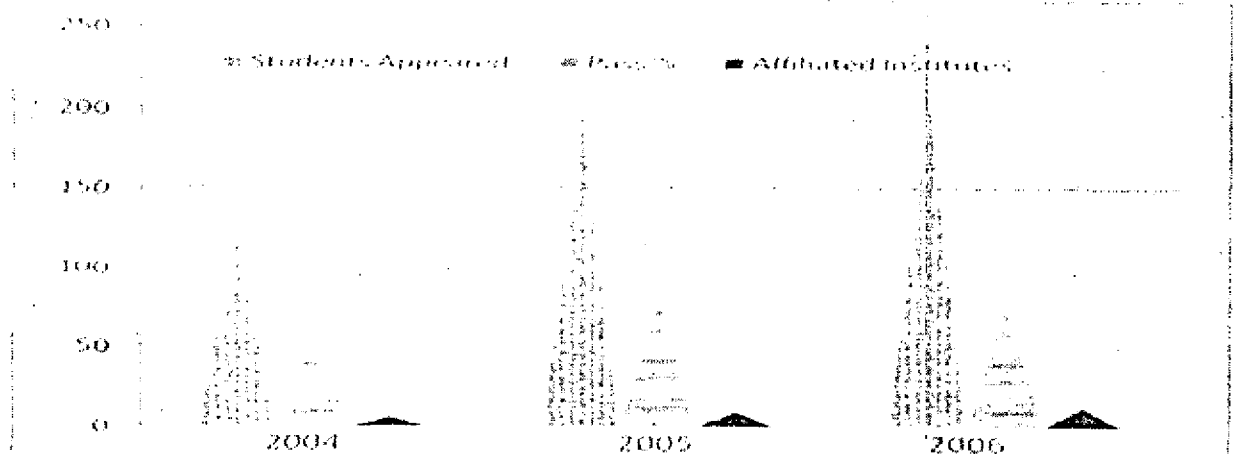


Figure.1 Bar chart showing (a) number of students appeared in final year examination, (b) overall pass percentages and (c) number of institutes affiliated with SBTE for RACT

Curriculum Review (NCR) committee appointed to review and approve the curriculum at federal level consists on educationists, technical experts of the concerned field, representatives from the industrial sector and labour union, and the Ministry of Education, Islamabad. However, for certificate and short courses Boards of Technical Education are authorized to approve the curriculum. The scheme of study for DAE is designed with 60% practical and 40% theory contents, whereas certificate and short courses are designed with 80% practical and 20%

The first polytechnic to offer DAE program in the country was established at Karachi in 1955. Initially three technologies Civil, Electrical and Mechanical were launched. Whereas now 16 technologies are offered at GCT, Karachi. The RAC diploma was first started in 1965 at GCT, Karachi and now out of the 73 polytechnics in the province RACT is now offered at 10 polytechnics. In the year 2003, there were 6 polytechnics offering RACT with 240 seats, which is now risen to 440 seats. Figure.1 shows the number of students appeared and their overall pass

development and presently polytechnics are administered by the Education Department whereas SBTE is responsible for regulating and monitoring the quality of TEVT below the degree level in the province.

The Board was established in 1971 (under an Ordinance No. XVI of 1970), before that West-Pakistan Board of Technical Education, Lahore was responsible for TEVT in this region.

Informal Training and Certification in RAC by the Industry

Industry sends their employee for

training abroad and also organized local training programs for their workers and dealers service shops. Normally such are skill programs of short durations and designed to provide update skill and

Accordingly the estimated total number of service workshops in different regions of the country is listed in *Table 1*. NWFP is a place for tourism and as such has more service shops per

and the Copenhagen Amendments 1995. The Refrigeration Management Plan (RMP) was approved in December 2003 at the 41st Executive Committee meeting of the Montreal Protocol for

Table 1. Refrigeration service workshops in Pakistan

Region	Number of Workshops	Population / Shop
Punjab	5,168	3,952
Sindh	2,910	5,091
Balochistan	191	7,875
NWFP	817	3,407
TOTAL	10,086	4,350

Adopted from UNIDO Contract (2006)

knowledge about the modern alternative technologies and related environmental issues. However, major portion of services are rendered by SME's and independent workshops, which needs to update training and formal certification by an authorized institutions.

a) RAC Industry in the Country

In Pakistan majority of the Refrigeration & Air-conditioning (RAC) industrial units and service workshops are located in the two provinces "Punjab" and "Sindh". It is estimated

population than other regions. The above manpower strength of service shops depends on their activity aspects. The industrial units and original equipment manufacturer (OEM) have more people than SMEs. The majority of shops are SMEs having meager resources. According to a survey, the nationwide average number of workers in any such workshop is 3 or 4. These shops provide maintenance services in multi-fields of mechanical and electrical works in addition to the services in refrigeration.

implementation of the RMP which consist of the following components:

- National Technician Training (NTT)
- Custom training, and
- National recovery and recycling project.

b) CFC Usage in the Country

After conversion by all the refrigeration industries in Pakistan, refrigeration service sector is the major consumer of the CFCs. The detail of existing refrigeration and air-conditioning equipment in Pakistan is presented in *Table.2*. The amount of CFCs used for

Table 2. Summary of refrigeration & air conditioning equipment installed in Pakistan and the estimated CFC usage in the year 2001.

Equipment	Stocks (k units)	CFC Use amount for service MT	Ratio	CFC-12 usage ratio by application
Domestic refrigerators and freezers	5,033	333	59.6%	48.3%
Commercial freezers / air-conditioners	54	19		
Industrial	33	72	24.3%	25.2%
Passenger car	888 (total)	0		
	457 (made before 1995)	131		
Truck, van	12	3		
Buses	6.7	4.5		
TOTAL		563		

Adopted from UNIDO Contract (2006)

that out of 10000 refrigeration service workshops in the country approximately 3000 are located in the province of Sindh.

a) Montreal Protocol

Pakistan is a signatory to Montreal Protocol and ratified the Vienna Convention, London Amendment 1992

servicing and maintenance of each type of equipment is estimated on the basis of the charge quantity and the service frequency.

In Pakistan through the RMP, it is anticipated that totally 215 ODP tonnes higher import tariff on ODSs and its components products. designed to develop good refrigeration service and maintenance practices

Table 3. CFC Consumption in Pakistan, ODP tones (baseline: 1,679.4 ODP tonnes)

	2002	2003	2004	2005	2006	2007	2008	2009	2010
Montreal Protocol limits	1,679.4	1,679.4	1,679.4	839.7	839.7	251.9	251.9	251.9	0.0
Max import Quota by Government	1,639.0	1,475.1	1,229.3	819.5	573.7	245.9	163.9	82.0	0.0
Total actual									
CFCs	1,647	1,124.0	805	453.0					
CFC-11		274.0	337	99.5					
CFC-12		850.0	468	353.6					
Annual consumption target for the service sector		614.0	614.0	534.0	379.0	179.0	79.0	39.0	0.0
Phase-out amount		0.0	0.0	80.0	155.0	200.0	100.0	40.0	39.0
Actual sector data									
Aerosol	0.0	0.0	0.0	0.0					
MIDI	69.4	75.0	86.4	80.0					
Foam	260.8	106.0	55.0	20.0					
Ref. manufacturing	702.7	310.6	290.0	0.0					
Ref. Service	614.0	632.4	373.6	353.0					
Solvent	-	0	0	0					

Adopted from UNIDO Contract (2006)

of CFCs in the service-sector will be phased out by 2007 and the remaining CFC consumption will be phased out without additional assistance from the Multilateral Fund. Reduction in CFC emission through refrigerant leakage from installed equipment is expected to be 10% for all categories of shops.

It will be achieved by the NTT of service technicians on good service practices followed by provision of essential service equipment to the selected shops.

In November 2000, as per Legal and regulatory framework for the refrigeration sector the ECC of Federal Cabinet approved "The National Ozone Depleting Substance Phase Out Policy" which included:

- ban on manufacture of CFC products with effect from 31st December 2003, under SRO 130.631 (1)2001, dated: 7th September 2001 by CBR.

- Duty increased from 10-25% to 35% on import of components and raw material used for production of CFC products.

- Reduction in import quota of CFCs as follows:

- 10% in the year 2002-2003

- 15% in the year 2003-2004

- 25% in the year 2004-2005

- 50% 1st January 2005

- a) **Training of Service Technician under RMP**

The first component of RMP is National Technician Training (NTT) is

among the RAC technicians to prevent intentional or unintentional release of ODS into the atmosphere and making refrigeration equipment possible to operate to the end of its useful life.. In the second component custom officials will be trained to control on illegal import of CFCs in the country and later on the services of technicians in NTT would be utilized in third component for national recovery and recycling of ODS (UNIDO Contract, 2006).

As mentioned earlier that there are more than 10,000 workshops in Pakistan (Table.1) and more than 30,000 technicians. In NTT the UNIDO allocated budget to train nearly 3,000 selected technicians in the country by the November 2007. Table 4 summarizes

the planned number of technicians under the RMP for each province in Pakistan.

For launching NTT master trainers have been trained in February 2005 at

Austria, Vienna will be completed in two phases in the country. In the Sindh province total 880 service technicians (440 in 1st phase + 440 in 2nd phase) will be trained. The first phase of NTT

Contract, 2006).

In Sindh the contract for NTT was awarded to Sindh Board of Technical Education (SBTE), Karachi. NTT is a 4 days workshop based training program

Table 4. UNIDO Planned Technicians Training under the RMP in Pakistan.

Province	Service Provider	Population of Technicians	Technicians to be Trained	No. of Centre	Cities	Certified Trainers	Total Batches
Sindh	SBTE	11,640	880	3	Karachi, Hyderabad, Sukkur	3	78
Punjab	TEVTA	20,672	1,440	4	Lahore, Sahiwal, Multan, Jhelum	18	144
Capital	NISTE	191	110	1	Islamabad	5	11
Balochistan			76	1	Quetta	2	8
NWFP			327	1	Peshawar	3	33


Adopted from UNIDO Contract (2006)

Lahore. The NTT with the financial assistance of UNIDO, head office

was started in August 2006 and will be completed in the April 2007 (UNIDO

consisting on a batch of 10-12 technicians. The program is designed

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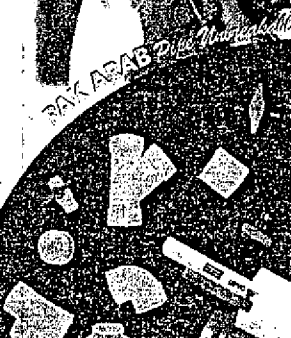
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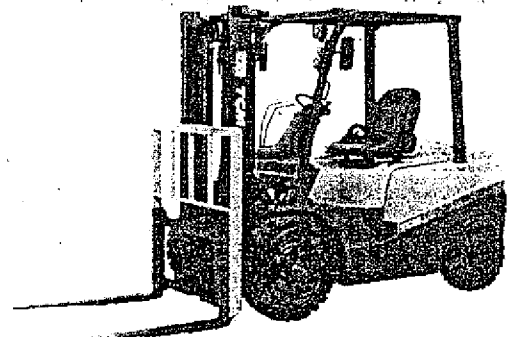
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to provide basic knowledge about ODS and skill about the recovery, recycling, retrofitting and replacing of refrigerants. For NTT the province was divided into three regions namely Karachi, Hyderabad and Sukkur in each region a training centre was established. In 1st phase, out of the 440 seats, 260 seats are allocated to Karachi region and 90 are allocated to each of the Hyderabad and Sukkur region. The above allocations were made in the light of population of service workshops, available RAC industry and number of RAC equipments installed in each of the region (SBTE, 2006, 2007). The selection of training was made by giving advertisement and publicity in the leading Newspapers and in a RAC reputable monthly magazine Engineering & Industrial Review (EIR). In view of the low response from Hyderabad and Karachi the District Nazims were approached to enhance the number of trainees.

The opening ceremony of the NTT was organized at Hyderabad on 16th August 2006 at Hyderabad and Mr. Muhammad Noman Saigal, Advisor to Chief Minister Sindh for Environment, Alternative Energy and Information Technology was the chief guest on the occasion.

Summary

Results shows that institute affiliations and students enrolment is increasing steadily and the numbers of technicians produced in the Sindh Province by polytechnics are not sufficient to meet the demand of the industry. Therefore there is a need to increase number of facilities and seats in the polytechnic. It is important to note that RACT diploma in polytechnics is designed to provide manpower for service and maintenance sector only and in absence of specialized degree program in the field of RAC there is an acute shortage of manpower in the RAC designing sector.

Moreover, there is a need to

strengthen industry and institute linkages and introduction of cooperative apprenticeship program to provide higher related employment rates, annual income, career advancement, and satisfaction with industry preparedness than traditional campus-based technician training.

Government in the country has taken initiatives for implementation of Montreal Protocol by imposing restriction on import and use of CFCs in the country.

World Bank and UNIDO implemented the investment projects in the industry and phased out CFCs in the manufacturing of Foam and Refrigerators.

References:

a) Ali, M. M. (1985). Themes in Technical Education (A Study of Some

Quality Improvement Aspects). Published by Sindh Board of Technical Education, Karachi. Printed by Kifayat Academy Educational Publisher, Karachi.

b) Ali, M. M. (Chief editor, 1986). Development of Technical education in Sindh. Published by Sindh Board of Technical Education, Karachi. Printed by Kifayat Academy Educational

Publisher, Karachi.

c) UNIDO Contract (2006). UNIDO Project No. MP/PAK/04/142, Contract No. 16001010, dated 25th May 2006 between The United Nations Industrial Development Organization (UNIDO), Vienna, Austria and the Sindh Board of Technical Education, Karachi, Pakistan.

d) SBTE 1st Progress Report (2006). 1st Progress Report 23rd August, 2006 to Train in Service Technician in Sindh under RMP, UNIDO Project code: MP/PAK/04/142, UNIDO contract No. 16001010 by Sindh Board of Technical Education, Karachi, Pakistan.

e) SBTE 2nd Progress Report (2007). 2nd Progress Report 23rd January, 2007 to Train in Service Technician in Sindh under RMP, UNIDO Project code: MP/PAK/04/142, UNIDO contract No. 16001010 by Sindh Board of Technical Education, Karachi, Pakistan.



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