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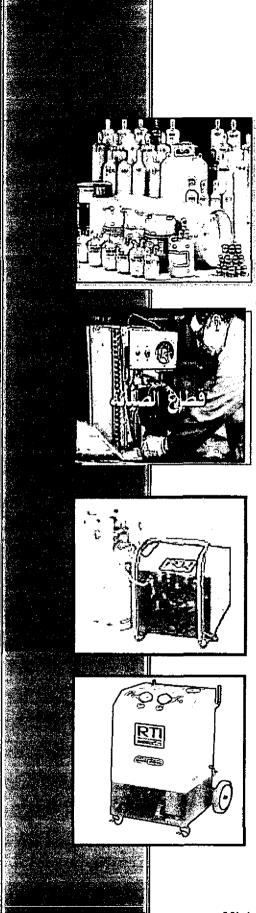
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Final Report

UNIDO Contract NO: 16001149 Project No: MP/EGY/05/002

CFC's phase out plan In Egypt

Ministry of State for Environmental Affairs

United Nations Industrial Development Organization







Final Report on the Contract between

The United Nations Industrial Development Organization
(UNIDO)

Universal Company

For the Provision of Services and Transfer of Technology related to the Phase-out of CFCs' in the Refrigeration and MAC-Sector in Egypt

Contract No: 16001149

UNIDO Project No.: MP/EGY/02/002

Submitted by Eng. Edwar Ibrahim Fahmy:
General Manager

UNIVERSAL COMPANY

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INTRODUCTION

This report shows the objectives that have been achieved upon the contract signed up between Universal Company and the United Nations Industrial Development Organization (UNIDO). The contract aimed at training and rehabilitating trainers and trainees in the Ref. & A/C sectors to raise their practical and theoretical skills in using the R&R technology in the maintenance and servicing operations for the refrigeration, A/C and MAC units. The training programme was also aimed at encouraging technicians on the use of the R&R technology by practically clarifying the economical and environmental benefits of such technology through preventing ODP refrigerants from escaping into the atmosphere during the maintenance operations.

In addition to that, the Egyptian government has worked in its ongoing programmes on raising the efficiency of technicians in the different fields. This encouraged many Ministries and Associations to join our training programme and ask for more training courses on wider basis for more spread of the modern technology in the Ref. & A/C sector. This in turn, imposed an obligation on us to meet these requests in Stage II of the NPP.

The sponsorship of his Excellency Minister of Environmental Affairs and the Chief Executive Officer of the EEAA in addition to the supervision of the NOU, and the participation of 5 great Ministries and 27 different specialized associations gave the training program a great importance on the national level.

Finally, I wish to express my deep thanks and appreciation for your help to Universal Company in finalizing the job successfully. This in turn made a great contribution in raising the efficiency of technicians in the Ref. & A/C sector in Egypt, in addition to fulfilling the objectives of the National Phase-out Plan in preserving the Ozone Layer depleting.

Pls. take note of the following additional information as requested the person in UNIVERSAL

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General Manager

Eng. Edwar Ibrahim Fahmy

I. Objectives of the training programme

The project aims at sustain reduction of ODS usage in the refrigeration and air conditioning sectors by:

- Increasing participation awareness on the Ozone Layer Depletion issues
- Providing information on conservation techniques and on the new ozone friendly refrigerants
- Introduction and demonstration of procedures that eliminate the ODS refrigerant emissions during preventive or unscheduled maintenance
- Selection and guidance in use of retrofitting refrigerants
- Development of a network for information sharing throughout the sectors

The training component of project is of utmost importance. It is an important self-sustaining capacity-building tool. It will ensure continuity in training and introduction of current and new maintenance methodologies and techniques.

The training programme for good practices in refrigeration aims at training approximately 25-30 national trainers with advanced technical background in refrigeration and air conditioning drawn from vocational institutes or industry and 1300 technicians from refrigeration and MAC workshops. The trainers already must have basic theoretical and technical training related to refrigeration and air conditioning and also they have some experience from the practical maintenance business. The technicians will operate the recovering and recycling equipment to be supplied to their workshop by the project.

The trainers will act as instructors / trainers to train approximately one thousand three hundred technicians /shop floor operators of the project.

The training programme will include classroom presentations, practical demonstrations and hands on training. The curriculum of the training program will include, but not limited to:

 Background to ozone layer, depletion of ozone layer, the Vienna Convention, the Montreal Protocol and its amendments; phase out requirements and the Government's response as a party to the Protocol.

- Ozone depletion and environmental considerations
- Importance of the refrigeration and air conditioning sector
- Overview of the inter National CFC Phase Out programme
- Properties of refrigerants and lubricants
- Hazards of refrigerants
- Refrigerant alternative refrigerants
- Handling and storage of refrigerants, safety requirements, safe refrigerant handling techniques
- Leak detection and prevention
- Good refrigerant practice
- Retro filling refrigerants
- Recovery, recycling machines techniques and principles
- Maintenance techniques which minimize the loss of refrigerant effect to atmosphere
- Construction of simple recovery machines from recycled components
- Practice of installation, service and maintenance techniques
- Practice of recovery, recycling an retrofitting techniques
- Installation of equipment, operation and maintenance
- Discussion on developing of a national code of good practice
- Discussion on certification
- Discussion on the regulations in place and being considered by the Government,
- Including how Egypt can meet its objectives under the Montreal Protocol
- Equipment demonstration and hands on training in the proper use of equipment and recovery & recycling machines.

II. EGYPT SITUATION TO THE MONTREAL PROTOCOL:

Egypt is considered as a complete representation for the rules of the MONTREAL PROTOCOL to OZONE DEPLETING SUBSTANCES.

In addition, Egypt approved on all the special amendment of the MONTREAL PROTOCOL.

Controlled substances consumed in Egypt are given in Table below sores taken by the Government of Egypt and the industry, the consumption is being gradually declining since 1996. The present NPP covers Annex A, substances, and Annex B substances for

Final Report terminal phase-out. The status of Egypt in terms of Montreal Protocol ratification is as

terminal phase-out. The status of Egypt in terms of Montreal Protocol ratification is as follows:

Vienna Convention	09 May 1988 (R)
Montreal Protocol	02 Aug 1988 (R)
London Amendment	13 Jan 1993 (R)
Copenhagen Amendment	28 Jun 1994 (R)
Montreal Amendment	20 Jul 2000 (R)
Beijing Amendment	On going

The CFC's sectors for refrigeration and A/C in Egypt consumed about 834 tons of these substances in 2005. The schedule for reduction of CFCs consumption by the country under the NPP was agreed as follows:

PROJECT	DATA	2004	2005	2006	2007	2008	2009	2010	Total
	Montreal Protocol limits	1,668	834	834	250	250	250	0	n.a.
CFCs	Annual consumption limits (except MDI sector consumption)	1	822	595	240	113	49	o	n.a.
(ODP)	Annual phase-out from ongoing projects	- -	35	19	27	23	25	o	129
(tonnes)	Annual phase-out newly addressed	40	150	182	100	41	24	0	537
	Annual reduction from institutional Activities	185	42						227
	Annual unfunded phase- out (MDI)	-	0	154	0	0	o	o	154
TOTAL O		225	227	355	127	64	49	0	1047

III. EGYPTIAN STRATEGY FOR CFC's PHASE OUT PLAN

The MLF with the help of Egyptian Government in complete phase out Consumption CFC's substances of Ref. A/C sectors from 834 tons to 0 tons at 2010 on three phases:

Phases	Status of implemention	(From – to)
First phase	finished	8/2005-12/2006
Second phase	Not started	12/2006-1/2008
Thrid phase	Not started	1/2008-1/2010

In addition, the 1st phase targets summeried in the next points

Project Element	Status of implemention
Equipment (250 sets of R-R ,40 sets for	Completed
MAC, Identification units, etc)	
Evaluation and follow – up international	Ongoing
consultants Monitoring and verification	
Project Management	Ongoing
Trianning Programmeres (RMP)	Ongoing

IV.UNIVERSAL CO. APPROACH IN DESIGN AND IMPLEMENTATION OF THE TRAINING PROGRAMME.

In the context of Egyptian membership in the Montreal Protocol to protect the Ozone Layer and in light of the implementation of the Egyptian strategy to phase-out the use of CFCs in production, maintenance & servicing sectors in the Refrigeration and A/C Sector in Egypt the Egyptian government has legislated obligatory rules for public and private companies using the Ozone Depleting Substances (CFCs) during the production or maintenance processes in the refrigeration and air-conditioning sector. These legislations will guarantee the execution of oriented training programmes for the dealers in this sector to stop releasing the ozone depleting substances into the atmosphere. In correspondence with both the international and the Egyptian efforts in saving the Ozone Layer, we have the pleasure to participate through our organization in introducing the new technology of Recycling and Recovery (R&R) to the Refrigeration and Air-conditioning sector in Egypt. This will take place through holding training programmes to train trainers, trainees and technicians in the Ref. and A/C sector in Egypt on the technology of recycling and recovering CFCs during the maintenance process instead of releasing CFCs into the atmosphere. In light of the contract between Universal Company and the United Nations

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Industrial Development Organization (UNIDO) for the implementation of training programmes for trainers and trainees, these training programmes are aimed at introducing the new technology in the repair and maintenance of the Refrigeration and A/C equipment to inspire the concerned people in this field to contribute to the preservation of the Ozone Layer.

Using the CFC's and HCFC's in the Ref. & A/C units during the maintenance operations causes the Ozone Layer to deplete; thus, it became a necessity to train and qualify workers and technicians in the Refrigeration Maintenance and Servicing Sector to be able to play their due role in controlling the harmful emissions of Refrigerants. This can be achieved through training programmes to improve the qualifications of the workers and technicians in the Refrigeration Maintenance and Servicing Sector and by training them on the Modern Technology of Recovery and Recycling and the good practices in the maintenance operations to help freeze the consumption levels of the ODSs in order to comply with the Egyptian Commitments of the Montreal Protocol. Thus this training course was held under the title of "The Training Program for Good Practices in Refrigeration and MAC Maintenance".

No doubt that the training courses for the technicians is one of the most important stages of the implementation of the training programme. It is considered as the first priority to train technicians from different workshops and associations on the use of the "modern technology in the maintenance and servicing of the cooling and refrigerating units". This is in addition to training them on the use of the R&R equipment to recover the refrigerant to be reused in the same unit. This technology can be applied to the different cooling units such as refrigerators, A/Cs, commercial refrigeration units, display cooling units, water coolers, ice makers, etc.

The technicians have been also trained on the different ways of the chemical analysis for the ozone friendly refrigerants (R-134a, R-404...etc) and the ozone depleting refrigerants (R-12, R-502...etc). The training courses have also included training the technicians on the different methods of retrofitting the units from using R-12 to using R-134a and from using R-502 to using R-404.

We noticed during these training courses the great variety in the educational backgrounds and qualifications of the technicians which allowed a great exchange of experiences among them.

The total number of technicians trained during this stage reached 1040 technicians; this number is considered as a very large number out of the sector of technicians which consists of about 24 thousand technicians in Egypt whether formal or informal.

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Finally, it worth to be mentioned here that after the finalization of the training courses the company has received about 8 formal invitations from different Ministries to train their technicians following the completed training programmes. This is in addition to about 2000 more technicians expressed their need to join the training courses.

The practical examination is one of the most important stages of the training courses. After the finalization of each training course, the trainees and technicians in each taining course were asked to work together to assemble a Recovery & Recycling unit similar to that of RTI's under the supervision of a technical engineer and the trainer of the training course. All the materials required for assembling the R&R unit (i.e. compressor, condenser electrical parts, safety equipment...etc) were provided by Universal Company from the local market. This idea aims at encouraging technicians to assemble, operate and use this unit in maintenance and servicing in their own workshops. This will result into more preservation for the Ozone Layer and better economic benefit to the technician through assembling the unit himself rather than purchasing it.

The result was really amazing and great: approx. 90% of the trainees and technicians have already started establishing such units on their own. Technically, the assembled unit operates at 70% efficiency of the RTI unit. Economically, it only costs about L.E. 2,300 in addition to L.E. 400 as the cost of the recovery cylinder (total cost o about L.E. 2,700). Now, after the finalization of all 52 training courses we have 52 assembled recovery units to be awarded to the peculiar trainee from each training course in the closing ceremony.

The company is looking forward to complete it's training programme to the rest of the technicians in different sectors in addition to developing training courses to give them the new and modern technology to save the Ozone Layer.

This is considered the true success for us, and we can not ignore your great efforts and cooperation with the Egyptian government to implement the training courses in the Egyptian Strategy for the Ref. & A/C sector in Egypt.

TOR from UNIDO and what has been done to achieve the targets of the Training programme and evaluation of work plane to:

- 1. Arrangements with the OZONE Unit which is supervising on training programme to put an imagination to do the training programme in the giving spots from the TOR.
- 2. Arrangements with governmental and the non governmental organizations to chose the trainers and the technicians to the training programmes.

- 3. Talking to the specialist sides to deal with the places to do the training programmes all over the country.
- 4. Deal with internal specialists to do all the technical operation concerning the ref. & A/C.
- 5. Prepare and sesing and print all things to the training programmes.
- 6. Chose the training subjects, preparing the programmes and estimation of the number of training centers and servicing workshops to be invited to delegate their technicians jointly with EEAA and the NOU using the following statistic data:

Region	Number of	Number of	Number of	Total
	Service	Skilled	Semi skilled	Number of
	workshops	Technicians	Technicians	Workers
Great Cairo	2,648	9,000	4,600	13,600
Delta	896	3,150	1,320	4,470
East Delta	210	800	350	1,150
West Delta	324	990	430	1,420
Upper Egypt	441	1,550	660	2,210
North Coast	117	480	210	690
Sinai	94	320	140	460
Total	4,730	16,290	7,710	24,000

A typical service workshop is a small unit usually with staff of 1 to 4 technicians, generally managed by the owner, with at least one of the workers having some sort of academic background or training. In general, these shops contain minimum basic service equipment. Approximately 65% of the total workers have some form of formal skills training, either through technical education, training in vocational institutions and youth training centres or technical high schools in specialized industries. The level of skills is generally at the level of basic technical knowledge and practical and operational skills gained on the job.

Bearing in mind previously approved projects and ongoing activities, the survey estimates that at least a further 16,400 technicians would benefit from appropriate training in good practices in refrigeration servicing.

In addition, there are several special technical educational institutes that works in this field as follows:

State	Training	Vocational Technical	Universities and high	Total
	centre	secondary school	Technical institution	Number
Great Cairo	15	62	12	89
East Delta	3	16	3	22
West Delta	5	26	4	35
Delta	6	77	6	89
North Coast	1	8	1	10
Upper Egypt	7	67	5	79
Sinai	2	4	0	6
Total	39	260	31	330

Thus, only 20 of the 330 technical intuitions and training centres in Egypt are actively cooperating with local service and manufacturing enterprises to supply them with trained service technicians. The current curriculum of these training centres contains both theoretical and practical components as follows:

- Background information on the Montreal Protocol
- Explanation of the effects of Ozone Layer Depletion
- The consiquencies of the Ozone Layer depletion.
- Presentation of the appropriate regulations.
- The need for Recovery & Recycling refrigerants.
- Presentation of Recovery & Recycling technologies and methodologies in different refrigeration and A/C systems.

The practical component is generally taught out-side the training centres through hands-on work at trade companies. As the service practice and equipment in the field is not always state of art it is considered to be of high priority to make it possible for these centres to conduct the practical training as well.

Moreover, it is necessary to chair all the educational, technical, and industrial companies and the services and maintenance centers to make aware on every section and put in consideration distribute the training all over the country:

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 Coordination with sides to chose the training arrangements with all the private and governmental entities to choose the trainers and specialists to come to these training courses.

- Coordination with specialists and consultants in ref. & A/C section to share with accumulated expertise and to improve the quality and success of the training programmes.
- Design and print every training materials needed for the training programmes, daily operational manuals ang guide books, instructions for purchasing the row materials, spare parts and components.
- Choosing the priority training subjects and transferring them to the trainers by visual, audio and printed materials.
- Preparing and arranging participation of ICCT Company (sub-contractor of RTI to facilitate the conducting of the training activities of Universal Co.

V. SELFASSESMENT OF THE TRAINING PROGRAMME AND THE "LESSONS LEARNED".

According to the contract conditions the programmes were concentrated mostly on training of trainers and technician for the domestic refrigeration and MAC servicing sectors.

In order to address the entire refrigeration and air conditioning sectors and to provide an integrated package of the technical assistance described in the NPP and to ensure a sustainability of the future operation of the sectors concerned the new training programmes for 2007-2008 to be design accordingly.

It was made understandable that the new TP should be designed taking into consideration the following:

 necessity to have involved in the group training, workshops, seminars and specialized meetings the participants with different functions, duties and levels of responsibilities, starting from servicing technicians through owners/managers of the service workshops, importers/ merchants /distributors of the relevant equipment, components and chemicals, custom officers and monitoring/financial and industrial controlling/ reporting officials from the respective ministries and governmental institutions concerned; put in practice the invitation of local and international experts and specialized companies/institutions as the lectures to share with the relevant expertise and experience.

VI. CONCLUSIONS AND RECOMMENDATIONS.

In view of the above considerations it recommended that the further training programmes and other relevant activities to be concentrated on the following priority sectors and subjects:

- · commercial and transportation refrigeration servicing and retrofitting;
- chillers and industrial refrigeration servicing, retrofitting and replacement including relevant technical, financial and legal aspects;
- technical and commercial aspects and challenges of "drop in" alternative refrigerants and technologies;
- custom, trading and legislative regulations and procedures for import, distribution and usage of ODS as the substances, materials and equipment/components containing ODS and to be used for the servicing and manufacturing of ODS containing products in Egypt;
- domestic refrigeration appliances servicing and retrofitting with the emphasis on technical and commercial aspects of the available alternative refrigerants and their compatibility with different types of compressors.

In light of the above considerations the managerial and operational personnel of Universal Company is confident that it has clear visions on the future activities to be performed in the field of technical training and other awareness activities on the country level to contribute and assist the country in achieving its tasks under the Montreal Protocol all.

Universal Company is possessing by the required experience and qualified staff to organize and successfully conduct the training programmes and other forms training activities for the above mentioned sectors of industry, commerce and administration.

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LIST OF THE LEADING AND SECONDARY TRAINING CENTERS:

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No.	Training Center	Governorate	Ministry/ Association	Coordinator	Tel	JOON	No Of Courses
						Trainers	Trainees
-	Main Permanent Center	Giza	Ministry of Education	Guirges Zaki	012378899	9 .	و
2	Abdeen Training Center	Cairo	Ministry of Education	Samaan Mckhael Samaan	0106231527	- 23	9 -
3	Faculty Of Technology (Sahafa)	Cairo	Ministry of Higher Education	Samy Meselhy	0106234286	0	en -
4	Paculty Of Technology (Matariya)	Cairo	Ministry of Higher Education	Samy Meselby	0106234286	0	60
ın	Faculty of Industrial Education (Cairo	Ministry of Higher Education	Samy Meselhy	0106234286	0	3
9	Faculty Of Technology (Port Said)	Port Said	Ministry of Higher Education	Samy Meselhy	0106234286	0	. — च
7	Faculty Of Technology (Zakaziq)	Sharkeya	Ministry of Higher Education	Samy Meselhy	0106234286	≅ . C	-3-
∞	Armed Forces Training Center	Cairo	Armed Forces	Farouk Mostafa Aly Ahmed	0105701271	0	
6	Shatby Training Center	Alexandria	Ministry of Education	Mohamed Refaat	0121173685	0	6
10	EtsaTraining Center	Menya	CEOSS	Fahim Gaber	0101083629	0	w)
=	Aswan Training Center	Aswan	Ministry of Education	Ahmed Mohamed	0127834134	0	<i>(</i> -,-
12	Sharabeya Training Center	Cairo	Ministry of Manpower	Fathy Abou Sena	0123623322	0	4
13	Shoubra Metal Center	Qualiobeya	Ministry of Commerce	Mahmoud Abd El Hay	0127552652	0	c
			Total			80	52
No. of 1	No. of trainers trained in the training course for trainers = 20 trainers	trainers = 20 trainers = 25 traine	215 200				

The second secon

No. of trainces trained in the training course for trainces= 25 trainces.

LIST OF THE COORDINATORS AND SUPERVISORS OF THE TRAINING COURSES

• Dr. Mohamed Sayed Khalil C.E.O./ EEAA

Dr. Ezzat Lewis
 Director of the National Ozone Unit

Walid El Sammak
 Executive Engineer of the Refrigeration Sector/

NOU

• Edwar Ibrahim Fahmy Owner of the Company

Tarek Soliman
 General Manager of the Universal Company

Mohamed Refaat
 Executive Manager for the Training Program

(Universal Company)

Samy Meslly
 Ministry of Higher Education

Salah Abdel Haq
 Federation of Egyptian Industries

Fathy Abou Sena Ministry of Manpower and Emigration

• Mohamed Abdel Salam El Husseiny Representative of the Associations and Specialized

Institutions in the Refrigeration sector

Albert Ibrahim Meshreky
 Representative of the Universal Company

Ibrahim Meshreky
 Manager of the NPP Project

Guirges Zaki
 Ministry of Education

Mahmoud Mohamed Aguina
 Center for the MAC sector

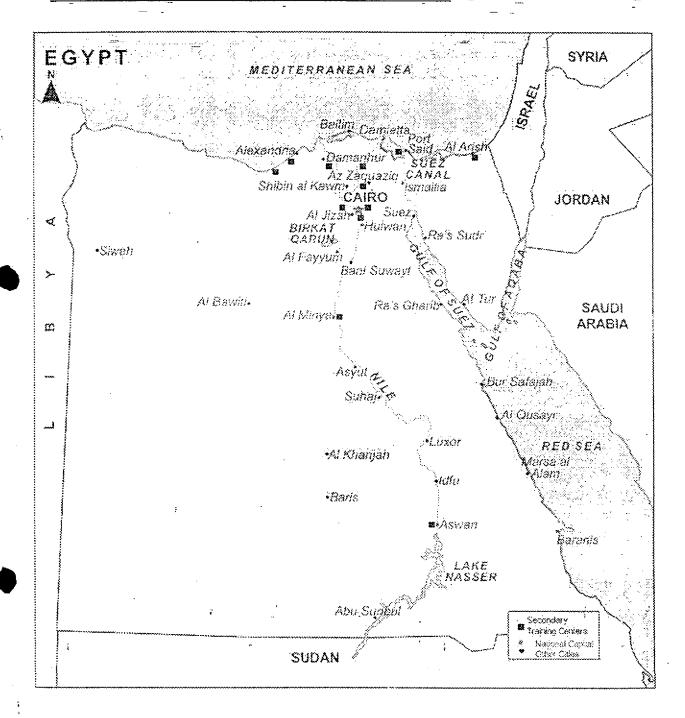
Mahmoud Abdel Hay
 Ministry of Foreign Trade and Industry

• Faheem Gaber NGOs

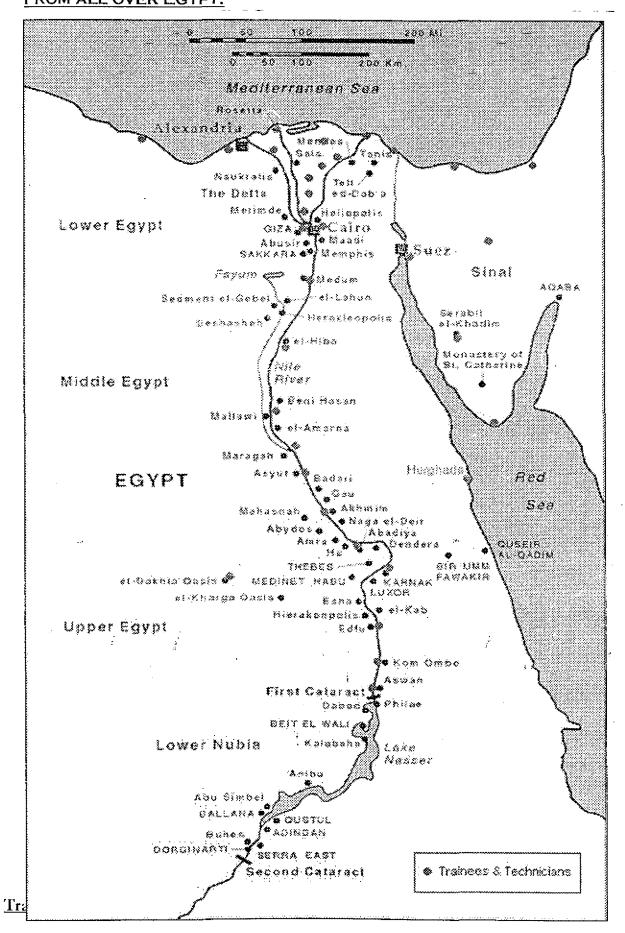
LIST OF TRAINERS OF THE TRAINING COURSES:

Serial	Names	Associations —
1	Yasser Elsayed Selim Ali	Badrasheen Industrial Secondary School
2-	Salah Bayoumi AbdelRahim Hekal	Bahtim Industrial Secondary School
3	Refat Mostafa Mousa	Bahtim Industrial Secondary School
4	Saria Ahmed Abd Elrahman	Bahtim Industrial Secondary School
5.	Elsayed Abdel Nabi Abdelaziz	Giza Electrical Secondary School
6	Amr Aly Farghaly Ahmed	Giza Electrical Secondary School
7	Essam Ibrahim AbdelHamid	Badrasheen Industrial Secondary School
8	Mohamed Ali Ali Mohamed	Elahram Industrial Secondary School for Boys
9	Mohamed Abdel Latif Ali	Refrigeration and A/C supervisor from Elnozha Educational Sector
10	Mohamed Mokhtar Mohamed Ahrfied	Galal Fahmy Advanced Technical School
11	Selim Mohamed Selim El Sherif	Teacher in Galat Fahmy Advanced Technical School
12	El Mewafaq Ahmed Abou Elela Khalil	Teacher in Galal Fahmy Advanced Technical School
13	Mohamed Saad Abbass Mohamed	Teacher in Giza Electrical Secondary School
14	Amer Elsayed Mahmoud El Sayed	Teacher in Banha Mechanical Secondary School
15	Mohamed Fouad Abbass	Teacher in Abdin Industrial Secondary School
16	Abdel Sattar Fouad Abdel Elsattar	Teacher in Abdin Industrial Secondary School
17	Ehab Abdel Azeem Mahmoud	Teacher in Abdin Industrial Secondary School
18	Mahfouz Rahim Eskarider	Teacher in Giza Electrical Secondary School
19	Mahmoud Elsayed Abdel Aziz Zayed	Technician in Agina Maintenance Center for MAC
20	Magdy Mohamed Hassan	Giza Secondary School
21	Mahmoud Ashour	Giza Electrical Secondary School
22	Khaled Osman Mohamed	Giza Electrical Secondary School
23	Atef Sedik Masoud	Giza Electrical Secondary School
24	Albert Ibrahim Meshreky	Universal Company
25	Tarek Ahmed Hassan	Universal Company
26	Sammar Abdel Gabar	Universal Company
27	Osama Abdel Tawab	Universal Company
28	Tarek Ahmed Soliman	Universal Company
29	Hany Fouad Gaballa	Universal Company
30	Nadia Abdel Samee	Universal Company

MAP OF GEOGRAPHICAL DISTRIBUTION OF THE SECONDARY TRAINING CENTERS FOLLOWING THE TRAINING PROGRAM:



MAP OF GEOGRAPHICAL DISTRIBŪTION OF TRAINEES AND TECHNICIANS FROM ALL OVER EGYPT:



Training Schedule for Traineers (2 days).

First Day		
1. Registration	8:00	8:30
2: Summary (Refingeration Maintenance Sector and training on Modern		<u>!</u>
Technology in order to freeze the consumption levels of the ODS in		
order to achieve compliance with the Egyptian Commitments and		
International Agreements (Montreal Protocol).	8:30	10:30
3. CFC's-HCFC-Ozone depletion potential, GWP, HGWP, the effect if		
you released refrigerant to atmosphere	10:30	12:00
4. Break	12:00	12 30
5. Ozone friendly Refeigerants and its oil	12:30	14:00
6. Revision of fundamental of refrigeration and air conditioning	1/1:00	15:00
7. ozone friendly Refrigerants (Zeotropics & Blends)	15:00	16:00
8. Recovery and Recycle unit	16:00	18:00

Second Day		
1. Experiments on the use of Recovery unit for domestic units.	8:00	10:00
2. Experiments on the use of Recovery unit for A/c unit	10:00	12:00
3. Break	12:00	12.30
4. Experiments on the use of Recovery unit for MAC.	12:30	15:00
5. Analysis of Refrigerant by Automotive Refrigerant Identifier.	15:00	16:00
6. Open Discussion	16:00	18:00

Training Schedule for Trainers (5 days).

First Day		
1. Registration	9:00	9:30
2. Summary (Refrigeration Maintenance Sector and training on Modern Technology in order to freeze the consumption levels of the ODS in order to achieve compliance with the Egyptian Commitments and International Agreements (Montreal Protocol).	9:30	12:00
3. Break	12:00	12:30
The effect of you release refrigerant to atmosphere (Theoretical)	12:30	14:00
5. Ozone friendly Refrigerants and its oil (Theoretical)	14:30	18:00

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Second Day		
1. Revision of fundamental of tefrigeration and air conditioning(<u>Theoretical</u>)	9:00	10:00
2. ozone friendly Refrigerants ("Zeotropic & Blends). (Theoretical.)	10:00	11:00
3. All the groups check for leak, then recover the refugerant charge in the unit they work on charge with nitrogen, check for leak with soap, purge the nitrogen, then evacuate to 300	11:00	12:00
micron, and then charge by volume. (Practical) 4. Break	12:00	12:30
5 Explain PCB Boards for split air conditioning units (Theoretical)	12:30	13:30
6. Retrofit the refrigerator and deep freezer from R12 to R13-la (Practical)	13:30	15:00
7. Measuring superheat and sub-cool for an conditioning and refrigerator (<u>Practical</u>)	15:00	16:00
8. Charging deep freezer with R404a: (<u>Practical)</u>	16:00	17:00
9. Wiring of the PCB boards (<u>Practical)</u>	17:00	18:00

Third Day	_	
1 Recovery and Recycle unit (<u>Practical</u>) —	9:00	12:00
2: Break	12 (0)	12.30
3. Connection of the recovery unit with different types of refrigeration and air-conditioning (Practical)	12:30	13:00
4. Experiments on the use of Recovery unit for domestic	13:00	18:00
runits <u>(Practic</u> al)		

Foirth Day		
1. Experiments on the use of Recovery unit for A/C unit. (Practical)	9:00	12:00
2. Break	12:00	12.30
3. Experiments on the use of Recovery unit for MAC: (Practical)	12:30	18:00

Fifth Day		
1. Evaluation Exam - Solving the Exam <u>(Practical +</u> Theoreti <u>cal)</u>	9:00	10:00
		12:00
2. Break 3. Analysis of Refrigerant by Automotive Refrigerant		1.4
Identifier		
4. <u>(Practical + Theoretical)</u>	12:00	16:00
5. Open Discussion - Revision for all lessons (<u>Theoretical</u>)	16:00	17:00

Draft Final Report LIST OF TRAINERS IN THE TRAINING COURSES (8 COURSES):

Firs	First Training Course						
š Z	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Pate of Graduation
1	Atef Awad Ghattas	Giza	2100111	Ref. & A/C	0124044488	Teacher	1992
2	Gamal Aboud Saad Aboud	Giza	84842	Ref. & A/C	0108914468	Teacher	1998
3	Ahmed Abdel Shafy Moawad	Dakahleya	1202434	Ref. & A/C	050/6824394	Teacher	1995
4	Ehab Ibrahim Mohamed	Cairo	0404791	Ref. & A/C	002/2489633	Teacher	1991
.C	Mohamed Anwar Abdel Raoff	Cairo	30403942	Ref. & A/C	0121579379	Teacher	. 11998
9	Nagy Adly Beshay	Cairo	0102488	Ref. & A/C	0121021007	Teacher	.1995
7	Essam Ahmed Zaky	Cairo	103352	Ref. & A/C	0106444303	Teacher	1994
œ	Salem Mohamed Selim	Cairo	0102584	Ref. & 1/C	0124777015	Teacher	1994
9	Mohamed Abdel Nady Abdel Magid	Cairo	0102299	Ref. & A/C	0127488443	Teacher	1994
10	Mohamed Fathy Mohamed	Cairo	2243	Rcf. & A/C	0124508840	Teacher	1996
11	Fady Fawzy Ghazy Mohamed	Giza	218235	Ref. & A/C	0106746443	Teacher	1992
12	Reda Owida Hakim Owida	Giza	2102044	Rcf. & A/C	0125806620	Teacher	1996
13	Magdi Mohamed Elsayed	Cairo	90204	Ref. & A/C	002/5906894	Teacher	1993
14	Hossam Mohamed Soliman	Cairo	0102777	Ref. & A/C	0106204280	Teacher	1998
15	Mamdoh Abdel Latif Abdel Aziz	Cairo	0100074	Ref. & A/C	0104322055	Teacher	1998
16	Ayman Ibrahim Fekry	Cairo	010112278	Ref. & A/C	.0105463146	Teacher	1990
17	Mohamed El sayed Ahmed	Cairo	01026478	Rcf. & A/C	0126603639	Teacher	1988
18	Magdi Louis Beshara	Cairo	0103875	Ref. & A/C	002/4984818	Teacher	1988
19	Akmal Yanny Salama	Payoum	230091	Ref. & A/C	0121619574	Teacher	1997
20	Ramadan Mahmoud Elsawy	Fayoum	2301079	Rcf. & A/C	084.6597093	Teacher	1997
21	Emad Naser Nashed	Cairo	0103258	Ref. & A/C	0122244765	Teacher	1994
22	Mohamed Salah Abdel Magid	Cairo		Ref. & A/C	0105447327	Teacher	1995
23	Ezzat Samy Amin	Fayoum	2301115	Ref. & A/C	0105817506	Teacher	1992
24	Adelsayed Ahmed	Cairo		Ref. & A/C	0103614688	Teacher	1987
25	Wafaa Shehata Abdel Moez	Cairo		Ref. & A/C		Teacher	1994

NPP	<i>d</i>	Ò	Q	Draft Final Report			
Sec	Second Training Course			;			:
						Current	Date of
ö Z	Name	Governorate	ID. No.	Major in	Tel. No.	Position	 Graduation
	Mohamed Ahmed Abdel Hamid	Cairo	0102718	Ref. & A/C	0124588205	Teacher	1992
C 1	Khaled Hassan Abdel Wahed	Giza	12104351	Ref. & A/C	0107681709	Teacher	1994
3	Hesham Elraey Mohamed	Cairo	0103172	Ref. & A/C	0125955108	Teacher	1991
4	Ebrahim Hassan Ibrahim	Kaliobcya	1400594	Ref. & A/C	002/6084718	Teacher	1997
5	Mohamed Mokhtar Mohamed	Cairo	0104235	Ref. & A/C	0104328044	Teacher	1993 1
9	Mohamed Hamza Ahmed	Cairo	012798	Ref. & A/C	002/4373046	Teacher	1988
_	Mohamed Roshdy Abdel Aziz	Cairo	012192	Ref. & A/C	0103807385	Teacher	2001
_∞	Gamal Abdel Kader Awad	Cairo	101611	Ref. & A/C	0106928867	Teacher	1996
6	Hamdy Abdel Alim Arafa	Dakanleya	1400637	Ref. & A/C	0109517283	Teacher	1992
10	Hazem Monir Ahmed Diab	Sohag	2602539	Ref. & A/C	0125652458	Teacher	1992
11	Mahfoz Ibrahim Eskandar	Beni -sweif	220978	Ref. & A/C	0123480802	Teacher	1994
12	Mohamed Saad Abas.	Cairo		Ref. & A/C	0124034060	Teacher	1994
13	Talaat Abdel Magid Elgary	Menofeya	1703012	Ref. & A/C	0103014447	Teacher	1994
14	Mohamed aly aly hegazy	Cairo	0101938	Ref. & A/C	0122319738	Teacher	1994
15	Zakaria Gomaa Abdel Maksod	Cairo	101759	Ref. & A/C	0104985739	T'eacher	1994
16	Mohamed Ibrahim Mohamed	Cairo	01034011	Ref. & A/C	012759723	Teacher	1995
17	Bahaa Eddin Gouda Abo Said	Cairo	0101115	Ref. & A/C	0106910046	Teacher	1993
18	Ebrahim Abdel Aziz Ahmed	Cairo		Ref. & A/C	0121065394	Teacher	1996
19	Nagah Abdel Karim	Cairo		Rcf. & A/C	002/3128663	Teacher	1993
70	Mosaad Said Mohamed	Cairo	0102097	Ref. &: A/C	0124651290	Teacher	1974
21	Mohamed Ragab Abdel Halim	Fayoum	2300251	Ref. & A/C	0105567129	Teacher	1997,
22	Mohamed Eid Elsaid	Fayoum	2300194	Ref. & A/C	084.230584	Teacher	1992
23	Nader zZakaria Yossef	Cairo	100039	Ref. & A/C	0128715356	Teacher	1995
24	Nasser Ahmed Makhlof	Елу оит	2300176	Ref. & A/C	0104472641	Teacher	1989
25	Alaa Helmy Mohamed	Fayoum	230079	Ref. & A/C	0108729018	Teacher	1992

NPP Third Training Course

	-					_			_			_									_		_		<u>.</u>
Date of Graduation	19,92	1997	1996	1997	1997	1993	1995,	1988	1994	1992	2003	1998	1996	2000	1993	1992	1996	1997	1997	1997	1996	1986	1994	1999	1993
Current Position	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher
Ter. No.	0124985585	0106358822	012269059	0124342820	0161401890	0127316979	012571380	002/5659673	002/3278720	010243489	0122688189	0122867760	0128999670	0106921864	01258334	013332265	0123415343	0103670936	084/6640108	0105369835	0105485237	002/8264752	0124559499	0125176332	0101274282
Major in	Rcf. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref & A/C	Ref & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Rcf. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Rcf. & A/C	Ref. & A/C	Ref. & A/C
ID. No.	1400551	1400796	0104319	0105394	0104439	0103894	1801179	2100137	210578	140147	102062	46912	2400291	0101871	103504	1402217	89934	2300735	2301011	2300112	0100054	154236		2100851	2102237
Governorate	Kaliobcya	Kaliobeya	Cairo	Cairo	Cairo	Cairo	Bchcira	Giza	Giza	Kaliobeya	Cairo	Kaliobeya	Menya	Cairo	Cairo	Kaliobeya	Cairo	Fayoum	Fayoum	Fayoum	Cairo	Cairo	Cairo	Giza	Giza
Name	Attef Elsaid Abdel Fatah	Amer Elsaid Mohamed Elsaid	Amr Ahmed Monir Mohamed	Ahmed Bayomy Mohamed	Tarek Mohamed Hassan	Mohamed Elsaid Ahmed	Mamdoh Fathy Azmy	Samy Shawky Louka	Ahmed Ibrahim Elsamaloty	Ahmed Mohamed Elawady	Mona Abdel Satar Abdel Karim	Sameh Khalaf Allah	Taw fik Abdel Gabbar Taw fik	Ahmed Hosseny Said	Nadia Abdel Rahman Saad	Atta Mossa Mohamed	Mohamed Shaaban Mohamed	Shaaban Fathy Abdel Kawy	Yaser Hussein Hemeida	Said Ramadan Osman	Ehab Aziz Escaros	Hosnia Aly Mohamed	Mohamed Ahmed Kamal	Mahmoud Mohamed Amin	Abdel Magid Badr Abdel Magid
ö Z	1	2	8	4	5	9	~	8	6	10	1.	12	13	14	15	92	17	18	19	20	21	22	23	24	25.

Fourth Training Course

						Current	Date of
Ż	Name	Governorate	ID, No.	Major in	Tel. No.		
; ;						Position	Graduation
-	Yasser Mohamed Mohamed	Menofeya	1701211	Ref. & A/C	0105458806	Teacher	,1992
, ?	Emad Mannaa Hassan	Assint	2501514	Ref. & A/C	088/7720497	Teacher	1994
3	Reda Mohamed Ahmed	Kaliobeya	1401795	Rcf. & A/C.	0132493712	Teacher	2002
4	Mohamed Gamal Gad	Giza	ł	Ref. & A/C	0106283750	Teacher	1994
5	Said Salem Salam	Cairo	0101737	Ref. & A/C	0105749076	Teacher	1997
9	Hesham Mohamed Abdel Maksoud	Kaliobeya	1400415	Ref. & A/C	0125614351	Teacher	1992
	Hany Kamal Khalil	Cairo	153373	Ref. & A/C	0122319967	Teacher	1993
	Naoah Lashin Mohamed	Giza	2101957	Ref. & A/C	1	Teacher	1987
	Hanv Yossef Samwael	Giza	2101759	Ref. & A/C	002/3260506	Teacher	1994
102	Esmat Elsaid Shehata	Giza	2401271	Ref. & A/C	0104743533	Teacher	1998.
11	Khaled Abdel Tawab Soliman	Giza	2102172	Ref. & A/C	0105586158	Teacher	1993
12	Ahmed Abo Elsoud Abdel Monsef	Giza	2100184	Ref. & A/C	0129883736	Teacher	1993
13	Hussein Mohamed Radwan	Qena	270374	Rcf. & A/C	0104399156	Teacher	1977
4	A shraf Eid Ahmed	Giza	100334	Rcf. & A/C	01048820345	Teacher	1993
- 7	Mohamed Abdel Wahab Mohamed	Cairo	0101291	Ref. & A/C	002/8950958	Teacher	1988
; 5	Soliman Makram Soliman	Giza	2101251	Ref. & A/C	0123731765	Teacher	1991
1 8	Zeinab Abdel Moty Ahmed	Giza	2108101	Rcf. & A/C	0128180580	Teacher	,2004
19	Mohamed Mohamady Mohamed	Giza		Ref. & A/C	I	Teacher	1994
20	Mahmoud Aly Ibrahim Badr	Cairo	0100232	Ref. & A/C	0124319938	Teacher	1997
21	Walid Abdullah Abdel Azim	Kaliobia	1401171	Rcf. & A/C	0124865123	Teacher	1995
22	Wacl Abbas Aly	Cairo	175846	Ref. & A/C	0109223880	Teacher	1997
23	Khaled Fathy Abdel Rassol	Cairo	0103478	Ref. & A/C	0106367093	Teacher	1997
77	Zakaria Ahmed Abdel Magid	Giza	2102212	Ref. & A/C	0126611013	Teacher	1991
25	Khaled Mohamed Saber	Giza	2103671	Ref. & A/C	0104838545	Teacher	1994
							_

ddN			Dra	Draft Final Report			-
Fift	Fifth Training Course				4		
Š	Name	Governorate	ID. No.	Major in	fel: No.	Current Position	Date of Graduation
-	Reda Abdel Fattah Hussein	Giza	2400379	Ref. & A/C	0103064203	Teacher	1999
· C1	Oassem Anwar Celery	Giza	2101939	Ref. & A/C	0125409834	Teacher	2003
3	Hesham Hanna Ayad	Giza	2101491	Ref. & A/C	0129268348	Teacher	19,93
4	Motea Aly Abdel Aziz	Kaliobcya	1402135	Ref. & A/C	0106873299	Teacher	1998
	Mohamed Abdel Baset	Cairo	0102113	Rcf. & A/C	0126060789	Teacher	1997
0	Walid Ragab Mohamed	Cairo	104833	Ref. & A/C	0126068624	Teacher	1998
_	Mahmoud Yahia Emam	Cairo	1	Ref. & A/C	0106789152	Teacher	1995
∞	Mohamed Abdel Hady Mostafa	Cairo	0101851	Ref. & A/C	0103620835	Teacher	1995
6	Romany Rafat Sharobin Karas	Cairo	2100858	Ref. & A/C	010557258	Teacher	1 1996
10		Cairo	0101078	Ref. & A/C	002/7866086	Teacher	2002
E	Sherief Ahmed Gaber	Cairo	0101334	Ref. & A/C	0128430378	Teacher	1997
12	1	Cairo	2101554	Rcf. & A/C	002/3108454	Teacher	1998
13	T-	Cairo	0101912	Ref. & 1/C	0101368246	Teacher	1998
14	1	Giza	160775	Ref. & A/C	002/87,36971	Teacher	1994
15		Giza	2101436	Rcf. & A/C	0102081607	Teacher	1994
16	1	Giza	2102692	Rcf. & A/C	0109704908	Teacher	1994
17	Т	Assiut	2502738	Ref. & A/C	0122968655	Teacher	1994
18	Sameh Salah Elsaid	Kaliobcya	1400548	Ref. & A/C	0133238992	Teacher	1992
19	T	Cairo	0105335	Rcf. & A/C	0103095951	Teacher	1992
20	T	Cairo	101454	Ref. & A/C	0102455460	Teacher	1994
21		Cairo	10059	Rcf. & A/C	0109970563	Teacher	1992
20	1	Sharkia	1304294	Rcf. & A/C	055/6504603	Teacher	19,90
23	Ahmed Abdel Galil Ahmed	Cairo	0100751	Rcf. & A/C	0106869472	Teacher	1998
24	Rabea V	Giza	1	Rcf. & A/C	0121386488	Teacher	1992
25	1	Sohag		Ref. & A/C	0106143019	Teacher	1994
	7						_

Sixth Training Course

, ° Z	Name	Governorate	TD. No.	Major in	Tel. No.	Current	Date of Graduation
-	Abo Elsaad Ragab Elmetwally	Dakahelya	1202831	Ref. & A/C	0106741195	tech. Ideal comp	1988
7	Magdy Yakoub Abdel Massich	Menya	2400534	Ref. & A/C	0124007677	agricultural eng	1996
۲,		Cairo	100101118	Ref. & A/C	0123283274	TT1 Comp	2003
. 4	 	Qena	2700417	Ref. & A/C	0127811366	Eng. bahgat group	2005
v	Wagdy William Khair Attia	Cairo	105375	Ref. & A/C	0123805532	tech. Ideal comp	1999
9	1	Alexandria	201279	Ref. & A/C	0126824464	eng, at Mog l	2004
	7 Osama Said Mohamed	Kaliobeya	1402976	Ref. & A/C	0122460492	Ref. & A/C	1998
	Tamer	Cairo	103927	Ref. & A/C	0101107654	tech -of air cond	1994
_L	O About Holim Abdel Fattab Abdel Halim	Cairo	73200078	Ref. & A/C	0121031010	B. tech comp	1995
	7.	Cairo	0102053	Ref. & A/C	0123951983	Engat comp	1976
	┰	Cairo	0101796	Ref. & A/C	0122577454	ref- air cond	2006
		Beheira	0180397	Ref. & A/C	0121232680	engat auto cool	2002
	13 Mohamed Saber Saad	Giza	2100212	Ref. & A/C	010444685	miraco - carrier	, 2003
		Menofeva	1700939	Ref. & A/C	0122792825	tiba and - eng	1978
	It assau it assau	Giza	2105535	Ref. & A/C	0106304617	production	2000
	- [0	Cairo	57126	Ref. & A/C	01.27464508	manager	1979
1 _	Ezz el-din most	Cairo	0102132	Ref. & A/C	0106973481	teacher	1983
1		Beheira	0181734	17 V V V V C	0108077738	teacher	1996
Τ.		Sohag	45591	Ref. & A/C	0129142227	teacher	1985
10	1	Giza	2100198		0107200866	teacher	1989
1		Giza	2101691		0106233543	teacher	1994
10	1-	Sohag	2602116	Ref. & A/C	0107075402	teacher	1973
1 6		Dakahleya	1	Ref. & A/C	0122538846	teacher	1994
1,	7	Sharkeya	1	Ref. & A/C	0125794244	teacher	
15	1-	Cairo	I	Ref. & A/C	0101073443	teacher	1992
_	7						

Seventh Training Course

Z	Name	Governorate	ID, No.	Major in	Tel. No.	Current	Date of Graduation
			1701156	D of x: A /C	0127872501		1999
,	Amr Essam Eddin	Charoeya	1001130	0/12/20/20	01070	0/ 1/ 0 9 2 4	2000
7	Ahmed Fathy Nabawy Mostafa	Giza	012108376	Ref. & A/C	7+++18/710	Ker. & 775	0007
m	Amr Shokery Rizk	Cairo	0102639	Ref. & A/C	0124247355	electronic- tech	2002
_	Mohamed Abdel Mohssen	Sharkeva	101050	Ref. & A/C	0123320418	Ref. & A/C	1975
- 11		Menya	2400099	Ref. & A/C	0122241463	Ref. & A/C	2005
, .		Cairo	1	Ref. & A/C	0101660017	m an ager	1998
,	Ahmed Saad Mohamed	Gharbeya	1601332	Ref & A/C	0127450683	1	1992
	THE COURSE TO CHARLES					production	
<u>~</u>	Diaa Nabii Hawed Ahmed	Giza	0101379	Ref & A/C	0103490710	cug.	2003
6	Ahm ed Moham ed Ghoneim y	Kaliobeya	1402072	Ref & A/C	0126554617	general electric	1 2000
-	A ref A hm cd A hu Elbabib	Cairo	101212	Ref. & A/C	0123306758	Ref. & A/C	1988
-		Sharkeya	1301333	Ref. & A/C	0128473669	Ref. & A/C	1999
2	Salah Hassan Hassan	Menofeya	1701793	Ref. & A/C	01274514	manager	1970
7 7	A A. I Nacil Michael Wabba	Cairo	0101738	Ref. & A/C	0126353155	Ref. & A/C	1977
	Mohamod Hassan Hassan	Cairo	0103318	Ref. & A/C	0101295588		1986
, <u>,</u>	A hm ed A viz Mohamed	Kaliobeya	1400856	Ref. & A/C	002/8580791	eng	2003,
	11 HIII CH 11 21 21 11 11 11 11 11 11 11 11 11 11					production	
16	Mohamed ragab ramadan	Beni Soweif	2206996	Ref. & A/C	0107303921	cag.	1998
						production	-
17	Mohamed Ibrahim Aly	Zagazig	1301516	Ref. & A/C	0123320418	eng.	1982
0	Donald Many of Holy ex	Menva	2400938	Ref. & A/C	0106748103	Ref. & A/C	1997
0 0	Makil A had Madder Schaib	Cairo	0103413	Ref. & A/C	0126323849	teacher	1990
7 6	Madar Ale Aladel Neer	Cairo	183573	Ref. & A/C	012804521	teacher,	1996
7 6	Elected Andel Chafar Alw	Cairo	0103334	Ref & A/C	0121072019	teacher	1988
22	Mohomod Komal Harid	Giza	1	Ref. & A/C	0101522480	teacher	1999
77	A Edulloh Abdel A Him Garare	Giza]	Ref & A/C	0125866223	teacher	1999
0 0	Mohrone Amin Abdel-Maoid	W ah at		Ref & A/C	0125268154	teacher	1999
7 2	A me A la A raghalu A laned	Giza	2101396	Ref. & A/C	0125446342	teacher	1993
3	<u>-</u>						

Eighth Training Course

							Data of
Ö	No. Name	Governorate	ID. No.	Major in	Tel. No.	Position	Graduation
1	Khaled Maher Senosy	Giza	5023336	Ref. & A/C	0127256156	teacher.	1999
2	Almed Mohamed Tawfik	Giza	1	Ref. & A/C	0123609620	teacher	1993
3	Sameh Ahmed Aly	Dakahleya		Ref. & A/C	050/7308318	teacher	1997
4	Khaled Ramadan Hussein	Giza	2100538	Ref & A/C	0103750841	teacher	1999
ı٧	Hany Abdel Fattah	E Faiyoum	2300152	Ref. & A/C	010)565614	teacher	1997
9	Mahmoud salem Flassan	Giza	7259649	Ref. & A/C	0102874905	teacher	1997
-	Ahmed Mohamed Ibrahim	Manya	24001794	Ref. & A/C	0125656458	teacher	1999
æ	Hesham Aly Hassan	Fsmailia	1900373	Ref. & A/C	0121071021	teacher	1994
0	Mahmoud Abdel Aziz Kamel	. El Faiyoum	2300378	Ref. & A/C	0104307901	teacher	1999
2	Aly Abbas Said Khalil	El Faiyoum	2300033	Ref. & A/C	0123901123	teacher	1997
=	Omar Mohamed El Sayed	Sharkeya	1300591	Ref. & A/C	0108067448	tcacher "	1998
12	Ussuna Aly Mohained	Sharkeya	1301375	Ref. & A/C	055-2162772	teacher	1999
13	El Husseiny Eweis Mohamed Aboxeid	Giza	2100273	Ref. & A/C	02-8066036	teacher	1999 ' 1
14	Essain Alimed Raafat.	Sharkcya	1303753	Ref. & A/C	0126914016	teacher	1995
15	Nabil Salman Ahmed	North Sinai	3400055	Ref. & A/C	068-3365749	teacher	1996
16	Hany Mohamed Hassan	Cairo	102832	Ref. & A/C	064-3441007	teacher	1994
17	Nacia Abd El Rahman Saad	Саіто	103504	Ref. & A/C	0125833801	teacher	1993
18	Yasser Mohamed El Sadek Mohamed	Sharkeya	1301958	Ref. & A/C	0124776647	teacher	1990
19	Khaled Mohamed Reyad	Assuit	2500437	Ref. & A/C	0105609147	teacher	1992
20	Reda My Mohamed	Giza	2101096	Ref. & A/C	0122680526	teacher	. 1993
21	Mohamed Soliman Dawoud	Cairo	0101131	Ref. & A/C	0125366770	teacher	1997
22	Fayez Atteya Mahmoud	Sharkeya	1300051	Ref. & A/C	02-2277622	teacher.	1991
23	Mostafa Mohamed Abo El Nour	Giza	2100897	Ref. & A/C	0109630523	teacher	1999
24	Mohamed Mostafa Abbas Flamed	Giza	2102015	Ref. & A/C	0123458651	teacher	1997
1	Salah Abd El Hakim	Giza	2100452	Ref. & A/C	02-8431398	teacher	1999

Draft Final Report LIST OF TRAINEES IN THE TRAINING COURSES (52 COURSES):

First Training Course

id Menofia 1701036 Ref. & A/C 048/3889091 Ref. & A/C 047/3402336 Ref. & A/C 045/2704683 Ref. & A/C 045/2704683 Ref. & A/C 045/2704683 Ref. & A/C 045/2704683 Ref. & A/C 0129218065 Ref. & A/C 0129218065 Ref. & A/C 0129218065 Ref. & A/C 0129218065 Ref. & A/C 01234086894 Ref. & A/C 01234086894 Ref. & A/C 01234086894 Ref. & A/C 01234086894 Ref. & A/C 040/2341318 Ref. & A/C 040/2341318 Ref. & A/C 040/2341318 Ref. & A/C 040/2341318 Ref. & A/C 040/2450275 Ref. & A/C 040/2450895 Ref. & A/C 040/2450275 Ref. & A/C 040/2450277 Ref. &	No.	Name	Governorate	ID, No.	Majorin	Tel. No.	Current Position	Date of Graduation
Naser Ebrahim Ahmed Kafer- El Shaikh 1500035 Ref. & A/C 0103867061 Ashraf Mohamed Abdel Salem Kafer- El Shaikh 29966 Ref. & A/C 047/3402336 Shaapan Khall Mostafa Bebaira 1801192 Ref. & A/C 045/2704683 Aba El Din Mohamed Abdel Hamed Alex 201911 Ref. & A/C 0129218065 El Said Mohamed Abdel Alla Bebaira 113950 Ref. & A/C 0103741201 Mohamed Kamal El Datamally Alex 201236 Ref. & A/C 0124086894 Mohamed Kamal El Datamally Alex 201236 Ref. & A/C 0124086894 Nahmoud Abdel Fattah Mohamed Bebaira 1800215 Ref. & A/C 0124786894 Reda Ebrahim El Said Alex Charbia 1600919 Ref. & A/C 012479869 Mohamed Hussen Yossef Gharbia 1600919 Ref. & A/C 040/2341318 Mohamed Hussen Yossef Gharbia 1700059 Ref. & A/C 040/2456275 Wohlamed Hussen Wohamed Alex 201956 Ref. & A/C 0121878985	1	Hatem Mohamed Zaki	Menofia	1701036	Ref. & A/C	048/3889091	Teacher	1993
Ashraf Mohamed Abdel Salem Kafer- El Shaikh 29966 Ref. & A/C 047/3402336 Shaapan Khalil Mostafa Bebarra 1801192 Ref. & A/C 0129218065 Alan El Din Mohamed Abdel Hamed Alex 201911 Ref. & A/C 0129218065 Raafat Ahmed Ebrahim Bebaira 113950 Ref. & A/C 0129218065 Mohamed Abdel Alla Bebaira 1818431 Ref. & A/C 0129218065 Mohamed Kamal El Daramally Alex 201236 Ref. & A/C 0124086894 Mohamed Abdel Fartah Mohamed Bebaira 1800215 Ref. & A/C 0124086894 Reda Ebrahim El Said Gharbia 1600919 Ref. & A/C 0124086894 Anabamed Abdel Gawad Gharbia 1600919 Ref. & A/C 0124292041 Hairbam Said Shabin Elrahim Alex 200039 Ref. & A/C 040/2456275 Mohamed El Shabat El Refea Gharbia 1700059 Ref. & A/C 040/2456275 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 012377843 Ebrahim Ebrahim Ebrahi	2	Naser Ebrahim Ahmed	Kafer- El Shaikh	1500035	Ref. & A/C	0103867061	Teacher	1997
Shaapan K-Halli Mostafia Behaira 1801192 Ref. & A/C 045/2704683 Aba EJ Din Mohamed Abdel Hamed Alex 201911 Ref. & A/C 0129218065 Raafat Ahmed Ebrahim Behaira 113950 Ref. & A/C 0129498727 El Said Mohamed Abdel Alla Behaira 1818431 Ref. & A/C 0103741201 Mohamed Kamal El Daeamally Alex 201236 Ref. & A/C 0103741201 Mohamed Kamal El Daeamally Alex 201236 Ref. & A/C 0124086894 Mahmoud Abdel Fattah Mohamed Behaira 1800215 Ref. & A/C 0124026894 Ganal Abdel Gawad Bdel Gawad Gharbia 1600919 Ref. & A/C 0124292041 Hattham Said Shahin Ebrahim Alex 200039 Ref. & A/C 0124292041 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 048/2326092 Maysata Mohamed Ahmed Alex 201956 Ref. & A/C 012378849 Ebrahim Ebrahim Abdel Naby Alex 200637 Ref. & A/C 012378373 Refaat Ahmed Said Mohamed	3	Ashraf Mohamed Abdel Salem	Kafer- El Shaikh	29966	Rcf. & A/C	047/3402336	Teacher	1995
Aba El Din Mohamed Abdel Harned Alex 201911 Ref. & A/C 0129218065 Raafat Ahmed Ebrahim Behaira 113950 Ref. & A/C 0128498727 El Said Mohamed Abdel Alla Behaira 1818431 Ref. & A/C 0103741201 Mohamed Kamal El Daramally Alex 201236 Ref. & A/C 0124086894 Nahmoud Abdel Fattah Mohamed Behaira 1800215 Ref. & A/C 0124086894 Reda Ebrahim El Said Gharbia 1600919 Ref. & A/C 040/2341318 Reda Ebrahim El Said Gharbia 1601036 Ref. & A/C 040/23454 Haitham Said Shahin Ebrahim Alex 200039 Ref. & A/C 040/2456275 Mohamed El Shabat El Refea Gharbia 1700059 Ref. & A/C 048/2326092 Maysara Mohamed Ahmed Alex 201556 Ref. & A/C 012378985 Waleed Ramadan El-Shaikh Alex 200537 Ref. & A/C 012378937 Ebrahim Ebrahim Abdel Naby Alex 200537 Ref. & A/C 012857831 Refaat Ahmed Said Mohamed	4	Shaapan Khalil Mostafa	Behaira	1801192	Ref. & A/C	045/2704683	Teacher	1993
Raafat Ahmed Ebrahim Behaira 113950 Ref. & A/C 0128498727 El Said Mohamed Abdel Alla Behaira 1818431 Ref. & A/C 0103741201 Mohamed Kamal El Daramally Alex 201236 Ref. & A/C 0124086894 Alahmoud Abdel Fattah Mohamed Behaira 1800215 Ref. & A/C 3366346 Reda Ebrahim El Said Gharbia 1600919 Ref. & A/C 0124086894 Gamal Abdel Gawad Gharbia 1601036 Ref. & A/C 0124086894 Haithmoud Abdel Gawad Gharbia 1601036 Ref. & A/C 012408694 Mohamed Isl Shahin Ebrahim Alex 200039 Ref. & A/C 0124292041 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 040/2456275 Maysata Mohamed Ahmed Alex 202577 Ref. & A/C 012877831 Refrat Ahmed Kamal El Din Katr Elsheikh 1500677 Ref. & A/C 0125743162 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0125743162	\cdot	Alaa El Din Mohamed Abdel Hamed	Alex	201911	Ref. & A/C	0129218065	Teacher	1989
El Said Mohamed Abdel Alla Behaira 1818431 Ref. & A/C 0103741201 Mohamed Kamal El Daramally Alex 201236 Ref. & A/C 0124086894 Mohamed Kamal El Daramally Alex 1800215 Ref. & A/C 3366346 Reda Ebrahim El Said Gharbia 1600919 Ref. & A/C 040/2341318 Gamal Abdel Gawad Gharbia 1601036 Ref. & A/C 0123778424 Haitham Said Shahin Ebrahim Alex 200039 Ref. & A/C 040/23450275 Mohamed El Shahat El Refea Gharbia 1700059 Ref. & A/C 048/2326092 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 048/2326092 Wajeed Ramadan El- Shaikh Alex 202577 Ref. & A/C 01237885 Refaat Ahmed Kamal El Din Kait Elsheikh 1500637 Ref. & A/C 012877831 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301	9	Raafat Ahmed Ebrahim	Behaira	113950	Rcf. & A/C	0128498727	Teacher	2000
Mohamed Kamal El Datamally Alex 201236 Ref. & A/C 0124086894 Mahmoud Abdel Fattah Mohamed Behaira 1800215 Ref. & A/C 3366346 Reda Ebrahim El Said Gharbia 1601036 Ref. & A/C 040/2341318 Gamal Abdel Gawad Gharbia 1601036 Ref. & A/C 0123778424 Haitham Said Shahin Ebrahim Alex 200039 Ref. & A/C 040/2456275 Mohamed El Shahat El Refea Gharbia 1605254 Ref. & A/C 040/2456275 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 048/2326092 Wajeed Ramadan El- Shaikh Alex 202577 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Kair Elsheikh 1500677 Ref. & A/C 0103758737 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200751 Ref. & A/C 0126541301		El Said Mohamed Abdel Alla	Behaira	1818431	Ref. & A/C	0103741201	Teacher	1993
Nahmoud Abdel Fattah Mohamed Behaira 1800215 Ref. & A/C 3366346 Reda Ebrahim El Said Gharbia 1600919 Ref. & A/C 040/2341318 Gamal Abdel Cawad Bdel Gawad Gharbia 1601036 Ref. & A/C 0123778424 Haitham Said Shahin Ebrahim Alex 200039 Ref. & A/C 0124292041 Mohamed El Shahat El Refea Gharbia 1605254 Ref. & A/C 040/2456275 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 040/2456275 Waleed Ramadan El- Shaikh Alex 201956 Ref. & A/C 0121378985 Waleed Ramadan El- Shaikh Alex 200637 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Katr Elsheikh 1500677 Ref. & A/C 0103758737 Ahmed Said Mohamed Alex 200731 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	∞	Mohamed Kamal El Daramally	Alex	201236	Rcf. & A/C	0124086894	Teacher	1998
Reda Ebrahim El Said Gharbia 1600919 Ref. & A/C 040/2341318 Gannal Abdel Gawad Gharbia 1601036 Ref. & A/C 0123778424 Haitham Said Shahin Ebrahim Alex 200039 Ref. & A/C 0124292041 Mohamed El Shahat El Refea Gharbia 1605254 Ref. & A/C 040/2456275 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 048/2326092 Maysara Mohamed Ahmed Alex 201956 Ref. & A/C 0121378985 Waleed Ramadan El- Shaikh Alex 200537 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Kafr Elsheikh 1500637 Ref. & A/C 0103758737 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0122743162	0	Mahmoud Abdel Fattah Mohamed	Behaira	1800215	Ref. & A/C	3366346	Teacher	1991
Gannal Abdel Gawad Bdel Gawad Gharbia 1601036 Rcf. & A/C 0123778424 Haitham Said Shahin Ebrahim Alex 200039 Rcf. & A/C 0124292041 Mohamed El Shahat El Refea Gharbia 1605254 Rcf. & A/C 040/2456275 Mohamed Flussen Yossef El- Monofia 1700059 Ref. & A/C 048/2326092 Maysara Mohamed Ahmed Alex 201956 Ref. & A/C 0121378985 Waleed Ramadan El- Shaikh Alex 202577 Rcf. & A/C 012877831 Ebrahim Ebrahim Abdel Naby Alex 200637 Rcf. & A/C 0103758737 Refaat Ahmed Said Mohamed Alex 200751 Rcf. & A/C 0125743162 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	10		Gharbia	1600919	Ref. & A/C	040/2341318	Teacher	1995
Haitham Said Shahin Ebrahim Alex 200039 Rcf. & A/C 0124292041 Mohamed El Shahat El Rcfea Gharbia 1605254 Rcf. & A/C 040/2456275 Mohamed Hussen Yossef El- Monofia 1700059 Rcf. & A/C 048/2326092 Maysara Mohamed Ahmed Alex 291956 Rcf. & A/C 0121378985 Waleed Ramadan El- Shaikh Alex 200537 Rcf. & A/C 03/258869 Ebrahim Ebrahim Abdel Naby Alex 200637 Rcf. & A/C 012877831 Refaat Ahmed Kamal El Din Kafr Elsheikh 1500677 Rcf. & A/C 0126541301 Ahmed Said Mohamed Alex 200751 Rcf. & A/C 0126541301	=	Gamal Abdel Gawad Bdel Gawad	Gharbia	1601036	Ref. & A/C	0123778424	Teacher	1992
Mohamed El Shahat El Refea Gharbia 1605254 Ref. & A/C 040/2456275 Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 048/2326092 Maysara Mohamed Ahmed Alex 291956 Ref. & A/C 0121378985 Waleed Ramadan El- Shaikh Alex 202577 Ref. & A/C 03/255869 Ebrahim Ebrahim Abdel Naby Alex 200637 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Kafr Elsheikh 1500677 Ref. & A/C 0126541301 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	12	Haitham Said Shahin Ebrahim	Alex	200039	Ref. & A/C	0124292041	Teacher	1991
Mohamed Hussen Yossef El- Monofia 1700059 Ref. & A/C 048/2326092 Maysara Mohamed Ahmed Alex 291956 Ref. & A/C 0121378985 Waleed Ramadan El- Shaikh Alex 202577 Ref. & A/C 03/2558869 Ebrahim Ebrahim Abdel Naby Alex 200637 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Kafr Elsheikh 1500677 Ref. & A/C 0103758737 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	13	Mohamed El Shahat El Refea	Gharbia	1605254	Ref. & A/C	040/2456275	Teacher	. 1992
Maysara Mohamed Ahmed Alex 291956 Ref. & A/C 0121378985 Waleed Ramadan El- Shaikh Alex 202577 Ref. & A/C 03/2558869 Ebrahim Ebrahim Abdel Naby Alex 200637 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Kair Elsheikh 1500677 Ref. & A/C 0103758737 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	14	Mohamed Hussen Yossef	El- Monofia	1700059	Ref. & A/C	()48/2326092	Teacher	1992
Waleed Ramadan El- Shaikh Alcx 202577 Ref. & A/C 03/2558869 Ebrahim Ebrahim Abdel Naby Alcx 200637 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Kafr Elsheikh 1500677 Ref. & A/C 0103758737 Ahmed Said Mohamed Alcx Alcx 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alcx Alcx 0122743162 150077	15	Maysara Mohamed Ahmed	Alex	291956	Ref. & A/C	0121378985	Teacher	1999
Ebrahim Ebrahim Abdel Naby Alex 200637 Ref. & A/C 012877831 Refaat Ahmed Kamal El Din Kafr Elsheikh 1500677 Ref. & A/C 0103758737 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	16	Waleed Ramadan El- Shaikh	Alex	202577	Rcf. & A/C	03/2558869	Teacher	1995
Refaat Ahmed Kamal El Din Kafr Elsheikh 1500677 Ref. & A/C 0103758737 Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	17	Ebrahim Ebrahim Abdel Naby	Alex	200637	Ref. & A/C	012877831	Teacher	1992
Ahmed Said Mohamed Alex 200751 Ref. & A/C 0126541301 Aly Hassanin Hussen Alex 200731 Ref. & A/C 0122743162	18		Kafr Elsheikh	1500677	Ref. & A/C	0103758737	Teacher	2001
Aly Hassanin Hussen - Alex 200731 Ref. & A/C 0122743162	19	Ahmed Said Mohamed	Alex	200751	Ref. & A/C	0126541301	Teacher	1988
	20	Aly Hassanin Hussen	Alex	200731	Ref. & A/C	0122743162	Teacher	1992

ö	Name	Governorate	ID. No.	Major in	Iel. No.	Current Position	Date of Graduation
	Mahmoud Mohamed Ahmed	Alcx	201918	Power	0123167956	Teacher	1993
2	Abdel Alem Ebrahim Ahmed	Kaliobia	1401411	Ref. & A/C	0127663481	Teacher	1998
3	Eman Abdel Halim Abdel Kader	Gharbia	1001704	Ref. & A/C	3811021	Teacher	1 1999
4	Aly Ebrahim Mohamed	Alex	202599	Ref. & A/C	5363630	Teacher	1984
2	Wageh Faway Farag	Mcnofia	1701235	Ref. & A/C	048/2736689	Teacher	1991
9	Samir Mohamed Mohamed	Bchaira	}	Rcf. & A/C	2986732	Teacher	1996
7	Abdei Latif Abdel Naffe	Alcx	201811	Ref. & A/C	0123838866	Teacher	1992
∞	Hamed Shabaan Hamed	Gharbia	1601953	Ref. & A/C	0103029039	Teacher	2000
6	Mostafa Bayomi Mohamed	Gharbia	1601378	Ref. & A/C	0402571494	Teacher	1999
10	Abdel Hamed El Said Abdel Hamed	Kafer- El Shaikh	1502291	Ref. & A/C	0107811687	Teacher	1993
11	Rabee Ahmed El Darbiry	Menofia	1701234	Ref. & A/C	0109465366	Teacher	1991
12	Mohamed Abdel Hamed Ahmed	Alex	022516	Ref. & A/C	012628485	Teacher	1995
13	El- Shahat Mohamed Mohamed	Kafer- El Shaikh	1501693	Rcf. & ∆/C	0122863650	Teacher	1995
14	Mohamed El Said Ahmed	Kafer- El Shaikh	1500438	Ref. & A/C	047/2682326	Teacher	1998
13	Ebrahim Foad Mohamed	Kafer- El Shaikh	1500591	Ref. & A/C	047/3287590	Teacher	2000
16	Mahmoud Mohamed Kamal	Sharkia	1301531	Ref. & A/C	055/684093	Teacher	1999
17	Saad Mohamed Abdel Moncem	Gharbia	1603699	Ref. & A/C	0108590032	Teacher	1995
18	Ahmed Abdel Gelil Abdel Azim	Gharbia	1601534	Ref. & A/C	0104073355	Teacher	2001
19	Abdel Nasser El Said Abdel Magid	Behaira	1803353	Ref. & A/C	0125799305	Teacher	1998
20	Mahrok Ahdel Fattah Ahmed	Behaira	1801335	Ref. & A/C	679754	Teacher	1998

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ò N	Name	Governorate	ID, No.	Major in	Tel. No.	Current Position	Date of Graduation
1	Mohamed Helmy Mohamed	Bchaira	1800071	Ref. & A/C	0126396854	Teacher	1991
2	Ibrahim Ahmed Hassan	Kafer-El Shaikh	61016	Ref. & A/C	0102018350	Teacher	1995
3	Fathy Shaker El Said	Menofia	1700997	Ref. & A/C	0109861784	Teacher	1991
4	Saad Ahmed Abas Ahmed	Alex	200252	Ref. & A/C	0121080935	Teacher	1991
5	Aly Mahmoud Mohamed	Alex	200053	Ref. & A/C	0120623454	Teacher	1,995
9	Mohamed Marzok Gad Alla	Alex	3070201411	Ref. & A/C	0123796966	Teacher	1992
7	Rafik Hana Botros Hana	Alex	200255	Rcf. & A/C	0109774014	Teacher	1995
∞	Khaled Mohamed Abdel Khalik	Cairo	0102793	Ref. & A/C	02/5034806	Teacher	1995
6	Hussen Ahmed Hussen	Alex	201779	Rcf. & A/C	0125385856	Teacher	1986
101	Ahmed Maawad Mohamed	Alcx	200379	Ref. & A/C	0122558305	Teacher	1986
1	Ashraf Mahmoud Abdel Ghany	Bchaira	3300770	Ref. & A/C	0104103443	Teacher	1991
12	Mohamed Ebrahim Emaam	Sharkia	1300692	Ref. & A/C	0108067448	Teacher	1999
13	Ayman El Said Atta Farahat	Menofia	1702193	Ref. & A/C	3623865	Teacher	1991
14	Hamada Shahat Fahmy	Kena	2701438	Ref. & A/C	0104529438	Shident	tama .
15	Mahmoud Abdel Alla Mhmoud	Sharkia	1400551	Ref. & A/C	055/2282342	Teacher	1992
16	Abdel Alla Abdel Rahman El Desoki	Gharbia	1601031	Ref. & A/C	0109536415	Student	ı
17	Mohamed El Said El Araby	Port said	300037	Ref. & A/C	06603415403	Teacher	1996
18	Mahmoud Fahmey Ebrahim	Giza .	2100236	Ref. & A/C	0125640123	Teacher	1993
19	Ebrahim Abdel Wahb Said	Giza	2104139	Ref. & A/C	0182968921	Teacher	_
70	Asaad Moris Khaled Micheal	Souhag	1103069	Ref. & A/C	0101536781	Teacher	1992

Fourth Training Course

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Date of Graduation	1999	2003	1993	1991	1995	1995	1993	1994	1994	1988	1994	1993	1993	1993	1992	1985	1991	1993	1996	-
Current Position	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher
Tel No.	02/8627225	0104770994	0101641613	0105231591	0122778138	0123615370	0121760179	064/3963444	0126180061	02/7216836	0102327293	0102263998	0126096262	064/3750709	0128501843	088/2294646		082/2514173	0109973217	0107988603
Majorm	Rcf. & A/C	Ref. & A/C	Rcf. & A/C	Ref. & A/C	Rcf. & A/C	Rcf. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Rcf. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C
ID. No.	2100652	2101298	l	85710	400173	2400077	2501573	1900056	2101631	100112	2800819	2500051	2500192	2601214	1301854	2500276	1302032	2200917	165880	0101577
Governorate	Giza	Giza	Cairo	Sharkia	Swiss	Minia	Assiut	Esmaclia	Giza	Cairo	Esmaclia	Assiut	Assiut	Souhag	Sharkia	Assiut	Sharkia	Bani- scuif	Giza	Cairo
Name	Alaa Mohamed Noaman	Fathy Mohaned Moamen	Abir Mohamed Yahia	Mohamed Soliman Mohamed	Mohamed El Said Fathy	Yasser Abdel Raof	Nasser Ahmed Mostafa	El-said Helmy Abozid	Yasser Mohamed Mohamed	Ussama Yassin Abdel Hamed	Hany El Said Mohamed	Alaa Salah Abdei Hafiz	Amgad Beniamen Mosaad	Alaa Mohamed Said	Ussama Ahmed Hassanin	Emad El Din Ahmed Aly	Waleed Mohamed Amin	Aly Taha Nascr Aly	Ayman Ezzat Aly Abdel Ghafat	Michel Magdi Abdel Shahed
No.	1	2	3	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20

NPP Fifth Training Course

ö Z	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
1	Bakry Mohamed Hussen	Aswan	2800312	Ref. & A/C	097/7324915	Teacher	1993
2	Magdi Mohamed Abdel Wahab	Giza	2102294	Ref. & A/C	0105760512	Teacher	1996
2	Hamada Mohamed Ebrahim	Sharkia	1300838	Ref. & A/C	055/2100695	Teacher	2001
4	Mohamed Abdel Shafy	Giza	2102958	Ref. & ∆/C	0109101513	Teacher	1998
N	Ahmed Yehia Mohamed	Cairo	0101812	Ref. & A/C	0105939546	Teacher	1998
9.	Tarek Amer Abdel Halim	Giza	70473	Ref. & A/C	0102288353	Teacher	1993
	Micheal Shawki Azmy	Cairo	107115	Ref. & A/C	0103437907	Teacher	
∞	Atef Fekry Abdel Halim	Bani- scuif	2201656	Ref. & A/C	0108434646	Teacher	1992
0	Makram Atta Girgis Saad	Payom	2300354	Ref. & A/C	0104917651	Teacher	1992
10	Salem El Said Abdel Hawed	Sharkia	1301475	Ref. & A/C	0106256502	Teacher	1991
17	Ussama Adel Amen Hassan	Cairo	101915	Ref. & A/C	0129902344	Teacher	1998
12	Gamal Galal Mohamed	Assiut	2500135	Ref. & A/C	0103162304	Teacher	1984
13	Ebab Loralla Nader	Assiut	2500773	Ref. & A/C	0182695316	Teacher	1993
7	Essam Aly Abdel Ghany	Cairo	100393	Ref. & A/C	0105097503	Teacher	1990
15	Mahmoud Ebrahim Mohamed "	Assiut	250077	Ref. & A/C	0107128172	Teacher	1993
16	Bahgat Abdel Azim Hashem	Sharkia	1301277	Ref. & A/C	055/2286357	Teacher	1991
17	Shaimaa Zin El- Abdin Abdel Alla	Giza	105389	Ref. & A/C	02/5648253	Student	-
18	Wael El-Said Mohamed Ahmed	Sharkia	1305015	1	01264284460	Teacher	1998
19	Khalifa Saber Mohamed El- Meshanab	Souhag		Ref. & A/C	093/2583760	. Inspector	1975
70	Talaat Yossef Yassa Aiad	Minia	240096	Power	093/2583760	Inspector	1977

Sixth Training Course

°Z	Name	Governorate	1D. No.	Majorin	Tel, No.	Current Position	Date of Graduation
-1-	Abdel Salam Elsaid	Sharkia	1301732	Ref. & A/C	055/3681944	Teacher	1995
2	Salah Khamis Khalil	Cairo	100191	Ref. & A/C	0123575279	Teacher	. 1987
3	Fathy Abdel Latif Hassanin	Esmaelia	1900199	Ref. & A/C	0126845292	Teacher	1994
4	Desoki Abd Alla Alam El Din	Assiut	2500971	Ref. & A/C	0104655402	Teacher	1993
ıŲ	Mohamed Medhat Hassan	Sharkia	1300039	Rcf. & A/C	0105210553	Teacher	1992
9	Mahmoud Hassan Mahmoud	Kena	2700072	Ref. & A/C	0161302930	Teacher	1988
	Ahmed Amir Ahmed	Кспа	273758	Rcf. & A/C	0102636918	Teacher	1998
∞	Mohamed El Said Soliman	Cairo	100976	Ref. & A/C	02/6272528	Teacher	1996
0	Soliman 14 Said Soliman	Sharkia	1300616	Ref. & A/C	055/2100309	Teacher	1991
10	Mohamed Khalil Gad	Sharkia	59903	Rcf. & A/C	0124061554	Teacher	1992
Ξ	Taha Ashor Kamel Mohamed	Giza	2102075	Rcf. & A/C	0128913805	Teacher	1998
12	Salah Salem Abdel Moncem	Sharkia	97603	Rcf. & A/C	0100251778	Teacher	1997
13	Hamada Abdel Alla Abdel Alla	Minia	240245	Rcf. & A/C	069/377541	Teacher	1995
14	Mamdoh Ebrahim Mohamed	Sohag	2600335	Rcf. & A/C	0124682345	Teacher	1994
15	Mohamed Helmy Mostafa	port- said	300173	Rcf. & A/C	066/3621486	Teacher	2001
16	Bayomi Mohamed Mahmoud	Assint	2500615	Ref. & A/C		Teacher	1993
17	Hassan Shawki Abdel Hamed	Giza	2101711	Ref. & A/C	0126388768	Teacher	1999
18	Eslam El Said Abo Ghait	Sharkia	1300136	Ref. & A/C	0182371690	Teacher	1994
19	Montasser Mohamed Abdel Halem	Assiut	84498	Rcf. & A/C	0101943022	Teacher	1993
20	Mohamed Zaki Mohamed	Esmaclia	1300897	Ref. & A/C	0123197322	Teacher	1994
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Seventh Training Course

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No.	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
-	Tamer Hassan Wahba	Giza	2103416	Ref. & A/C	0121179211	Teacher	1997
7	Ahmed Saher Abdel Nasser	El-Wady -El Gdid	320035	Rcf. & A/C	092/4775161	Teacher	1995
3	Hassan Ahmed Abdel Halem	Assiut	2500459	Ref. & A/C	- 1	Teacher	1996
4	Walced Edd Hassan	Cairo	104714	Ref. & A/C	0108088183	Teacher	1992
5	Ayman Mohamed Esmaeal	Cairo	0103856	Ref. & A/C	1	. Feacher	1994
9	Aly Aly Ahmed Salama	.Sharkia	130091	Ref. & A/C	055/3681033	Teacher	1991
7	Yasser Mohamed Wasfy	Sharkia	89926	Ref. & A/C	055/2274848	Teacher	1994
∞	Ahmed Said Ahmed Mohamed	Giza	2100515	Ref. & A/C	0107815665	Teacher	2000
6	Mahmoud Abdel Karim Abdel Zaher	Giza	2100659	Ref. & A/C	0105851716	Teacher	1999
10	Mohamed Ahmed Mahmoud	Giza	2101659	Rcf. & A/C	02/7753447	Teacher	1991
11	Amro Ahmed Hassan Aly	Sharkia	1300890	Ref. & A/C	055/3692901	Teacher	1991
12	Dahy Ebrahim Agazy Ebrahim	Minia	2400999	Ref. & A/C	086/3924990	Teacher	1994
13	Mohamed Abdel Ail Abdel Halem	Cairo	101532	Ref. & A/C		Teacher	1988
14	Wahid Abdel Tawab Mohamed	Giza	210475	Ref. & A/C	02/8413740	Teacher	1999
15	Ashraf Saber Abdel Alla	Menofia	1700131	Ref. & A/C	0127333789	Teacher	1997
16	Waleed Mohamed El Said	Cairo	0102974	Ref. & A/C		Teacher	1996
17	Hosseny Mohamed El Hosseny	Sharkia	1301916	Rcf. & A/C	0109390143	Teacher	1998
18	Mohamed Samy Farid	Cairo	100214	Ref. & A/C	0128666046	Teacher	1997
19	Hossam El Din Taha Abdel Razzik	Giza	918182	Ref. & A/C	0128165945	Teacher	1997
50	Mostafa Mohamed Ebrahim	Beni - scuif	06069	Ref. & A/C		Teacher	1993

NPP Ninth Training Course

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No.	Name	Governorate	ID, No.	Majorm	Tel. No.	Current Position	Date of Graduation
1	Karam Diab Khalaf Diab	Sohag	2600453	Electricety	093/2235082	Tech - Trainer	1980
2	Aly Abdel - Moneem Mchanny	Meya	2402313	Electricety	0122637301	Manger - tech	1976
60	Mahmoud Ahmed El - Said	Sohag	2600438	Elect-Equipment	0127182101	Tech - Trainer	1981
4	Sobehy Takawy Mosaad Gad	Assiut	2501235	Elec-Equipment	·	Tech - Trainer	1978
5	Mohyi Abdel Mohaimen Hassan	Менойа	ŀ	Trainer	0107708234	Ref. & A/C	1983
9	Anwar Abdel Hakem Abdel Mottele	Menofia	1700533	automotive	048/3421343	Ref. & A/C	1983
	Said Ebrahim Mohamed Soliman	Sharkia	11730	automotive	055/2289759	Manger of automotive	1981
∞	Redda Saber el - Said Ahmed	Sharkia	1301239	automotive	055/2400648	Tech - Trainer	2001
6	Mohamed Hashem Mohamed	Sohag	2600296	Maintenance Equipment	0108106649	Traner	1981
10	Said El- ¹ Said Abdel Fladdy	Cairo	1700171		02/7573026	Trancr Automotive	1984
11	Abdel Hakem Zaky Jachob	North - Sinai	3400111		0106398165	Tech - Trainer	1982
12	Hamed Farahat Ebrahim	Giza	51564	Ref. & A/C	0128930582	Teacher	1993
13	Gamal Abdo Ahmed	Assiut	2500136	Ref. & A/C	0103081444	Teacher	1978
14	Saad Kotb Saad Kotb	Alex	200431	Ref. & A/C	0124728561	Teacher	1992
15	Amro Khalil Mohaned Khalil	Kafer el - shaikh	1500072	Ref. & A/C	0121024939	Teacher	1999
16	Khaled Fakhry Abdel-Rahman	El- Behaira	1803251	Ref. & A/C	0128836670	Teacher	1996
17	Atta Mohamed Mahmoud Farghaly	Souhage	2600392	Ref. & A/C		Teacher	1979
18	Ahmed Hamed Hashem	Alex	202473	Ref. & A/C	1.	Teacher	1995
13	Ahmed Abdel - moneem Edd	Alex	201194	Ref. & A/C	0124028541	Teacher	1988
70	Mostafa Ahrned Ebrahim abdel Lattif	Cairo	0101239	Ref. & A/C	0129825398	Teacher	2000

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NPP Tenth Training Course

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No.	Name	Governorate	ID. No.	Major in	Tet No.	Current Position	Date of Graduation
1	Mohamed Soliman Ahmed	Menofia	1700914	Rcf. & A/C	3894882	. Teacher	1993
2	Mamdouh Salem El- Said Soliman	Cairo	101493	Ref. & A/C	0109224561	Teacher	1991
3	Mahmoud Abdel Halem Abdel Aziz	Menofia	1700837	Ref. & A/C	048/3882185	Teacher	1991
4	Mohamed Farouk El- Said El- Saadany	Gharbia	1418	Ref. & A/C	040/2160022	Teacher	1992
ī	Nabile Mahmoud Mohamed Mossa	Behaira	1801414	Ref. & A/C	0123288946	Teacher	1991
9	Attla Foad Atia Hendy	Behaira	1803417	Ref. & A/C	0127827572	Teacher	1991
7	Hassan El- Said El- Maraey.	Gharbia	1600174	Ref. & A/C	0128992417	Teacher	1995
œ	Mohamed Ebrahim El-Sabahy	Alex	201798	Ref. & A/C	0102364342	Teacher	1998
6	Foad Ahmed Foad El-Saedi	Kafer el - shaikh	1500979	Ref. & A/C	0104878121	Teacher	1999
10	Mohmoud Mahmoud Abdel - Hamed	Behaira	1802154	Ref. & A/C	0101282010	Teacher	1991
11	Bassiony Fathy Mohamed	Kafer el - shaikh	58248	Ref. & ∆/C	047/3486798	Teacher	1995
12	Redda Abou El-Fettoh Mohamed	Kafer el - shaikh	1500431	Ref. & A/C	0102060866	Teacher	1997
13	Said Maher Said Beshai	Alex	201311	Ref. & Λ/C	5508639	Teacher	1985
14	Ussama Ebrahim Yossef Aly	Alex	02595	Ref. & A/C	0104921589.	Teacher	1989
15	Mahmoud Ahmed Hamed Mohamed	Alex	2000575	Ref. & A/C	0123847924	Teacher	1993
16	Hany Aly Mohamed Hussen	Alex	201256	Rcf. & A/C	03/3609476	Teacher	1999
17	Alaa Abdel Wahab Abbas	Alex	202093	Ref. & A/C	03/4435730	Teacher	1992
18	Marwa Abas Helmy El- Said	Alex	200461	Ref. & A/C	0107474413	Teacher	1999
19	Gamal Abdel Naby Aly Ahmed	Alcx	2001818	Ref. & A/C	0127549948	Teacher	1999
20	Sherif Abdel Aziz Mohamed	Giza	2102013	Rcf. & A/C	0105281398	Teacher	1998

Eleventh Training Course

No.	Name	Governorate	ID. No	Major in	Tel. No.	Current Position	Date of Graduation
-	Abdel Alim Salah El- IDin	Beni- Seuif	2200197	Ref. & A/C	082/2171071	Teacher	1993
2	Wael Hamdy Mohamed El- Said	Giza	2102295	Ref. & A/C	0101910767	Teacher	1993
3	Hesham Said Afify Khamis	Giza	2100079	Ref. & A/C	0101109774	Teacher	1992
4	Abdel Waheb Abdel Magid	Giza	2100091	Ref. & A/C	0109772606	Teacher	1994
īV	Mohamed Hassan Gaber Hassan	Scuiz	400032	Ref. & A/C	0127986310	Teacher	1995
9	Hamza Mostafa Abdei Mohsen Ahmed	Paioum	201999	Ref. & A/C	0128669217	Teacher	1999
	Mona Ahmed Salah Aly	Sina	1	Ref. & A/C	0126613387	Teacher	1987
œ	AKram Ahmed Mahmoud abdel Magid	Giza	8800177	Ref. & A/C	0128547101	Teacher	2000
6	Hosny Rashed Abdel Maged	Sharkia	1301236	Ref. & ∆/C	0103885914	Teacher.	1991
10	Samy Fauzy Mahmoud Shimbary	Sharkia	1201016	Ref. & A/C	055/2100908	Teacher	1991
1	Aly Mokhtar Aly Bdel Fattah	Giza	2100517	Ref. & A/C	0124776107	Teacher	6661
12	Tarrek Abdel El-Naby Hassan	Sharkia	1302415	Ref. & A/C	055/2306113	Teacher	1990
13	Mohamed Kamel Mohamed	Cairo	101636	Ref. & A/C	0122361103	Teacher	1994
14	Mohamed Mahmoud Mohamed	Minia	2402436	Ref. & A/C	012642122	Teacher	1998
15	Ahmed Mohamed Mahmoud	Sharkia	1300677	Ref. & A/C	;	Teacher	1997
16	Hazem Mohamed Abdel Baky	Beni- Scuif	2201096	Ref. & A/C	0105641102	Teacher	1993
17	Mostafa Ahmed Said Mohamed	Beni- Seuif	2201316	Ref. & A/C	0109024255	Teacher	1993
18	Ussama Abdel Hamed Said Zidan	Beni- Seuif	2201551	Ref. & A/C	2172880	Teacher	1993
19	Reda Talaat Fahmy Abdel Bar	Sharkia	91450	Ref. & A/C	055/2325805	T'eacher	1991
50	El-Said Khairy El-Said Ebrahim	Sharkia	1300072	Ref. & A/C	055/2377004	Teacher	1997
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		Date of Graduation	2003	2004	2000	1971	1982	1990	1983	1999	1992	2001	i	2004	,	1990	1991	1992	1988	1998	1	1976
		Current Position	Teacher	Eng. Egypt. Comp	Teacher. Of maintenence	Super Faizer	Teacher	Teacher	Teacher Maintenance	Teacher	Teacher	Teacher	Teacher	Teacher	Teacher	Ref. & A/C	Teacher	Quality Abserver	Teacher	Teacher	Teacher	Superfaizerof Ideal
	3 .	Tel. No.	0124946596	0104969169	0102708592	0127178312	0104409861	8313491	0101596432	3179220	02/1218111	0102328115	0109197801	055/3651888	02/3557526	0104425125	0109481274	0128653826	010498717	0125127086	1	02/6428737
•		Majorin	Ref. & A/C	Production	Ref. & A/C	Arlido - Advertising	Ref. & A/C	MaintenanceOf Elect	Rcf. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Electricity	J	Power	Ref. & A/C	Electricai Aquipment	Machanic Automative	Ref. & A/C	Ref. & A/C	Ref. & A/C
		ID No.	1011086	2200833	1701738	100411	0101872	1700838	0102935	100636	12118111	2103578	1603131	1306496	-	2101697	1701279	1500557	2201214	1401775	100496	1900335
		Governorate	Sharkia	Bene- Seuf	Menofia	Cairo	Cairo	Menofia	Cairo	Cairo	Giza	Giza	Gharbia	Sharkia	Giza	Giza	Menofia	Assiur	Beni- Seuif	Kaliobia	Cairo	Cairo
	Thirteenth Training Course	Name	Mohamed Fathy Mohamed	Edd Abdel Galil Abdel Galil	Ahmed Abo El- Feroh Mohamed	Aly Hawdy Hassan Soliman	Salah Mohamed Ahmed	Mohamed El- Said Maarof	Hanafy Mohamed El- Said	Waleed Gaber Aly Saleh	Mohamed Mohamed Shaaban	Khaled Abdel Nasscr Badawy	El-Gohary Yossef El-Gohary	Mohamed Ussama Fekry Abdel Kader	Ussama Ebrahim Abdel Hamid	Ehab Mohamed El- Habashi Abdel Hakim	Medhat Ahmed Aly Mohamed	Mostafa ¹ Raian Mohamed Salem	Hamdy Ramadan Abdel Ghafar	Romany Samir Ebrahim Soliman	Ashraf Beshara Meshriky Shenada	Mohamed Maher Abas El- Said
	Thirte	No.	1-	2	3	4	'n	9		∞	6	10	=	12 ;	13	14	15	16	17	18	19	2

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Fourteenth Training Course

	Louise Training Course						
óŻ	Name Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
-	Hesham Mohamed Abou Hashem	Cairo	0101891	Power	0161676078	Eng	2004
7	Salwa Adel Azab Salama	Dakehllia	1200661	Mechanical	0124904720	Eng At Egypt	2004
رم ا	Adel Ahmed Esmael Ahmed	Giza	2100078	Elect	02/5733757	Tech . Elect	1982
4	Amro Ebrahim Mohamed Aly	Cairo	0104034	Power	0103450518	Eng. Of &A/C	2003
5	Ahmed Fathy Abdel Fatah El Akhras	Giza	2102013	Ref. & A/C	0106405034	Tech .& A/C	1989
9	Ebrahin Gomaa Ahmed Ebrahim	Kaliobia	1400551	Ref. & A/C	0106854481	Tech .& A/C	1998
~	Abdel Hamed Hemeda Bakry	Cairo	1015457	Tech Ref. & A/C	0109242217	Tech .& A/C	1992
ω	Mahrous Hamdy El- Said Ahmed	Cairo	0101933	Fine Instrument	0126242513	Tech & A/C	1983
٥	Ashraf Ahmed Mohamed Soliman	Cairo	103098	Ref. & A/C	0127375503	Tech & A/C	1984
10	Marzouk Kamel Marzouk Haggag	Cairo	0104139	Ref. & A/C	0108830878	Tech.& A/C	1995
17	Ahmed Mostafa El- Said Mohamed	Giza	2102053	Ref. & A/C	0100831931	Tech & A/C	2002
12	Faragalla Ahmed Abdel Moncom	Cairo	0103632	Mechanical	0106406510	Tech.& A/C	1999
13	Mohamed Foad Mohamed Abdou	Dakchlia	1202332	Ref. & A/C	0124006045	Tech.& A/C	1996
14	Ashraf Mohamed Wahbee Abdel Khalil	Cairo	101311	Ref. & A/C	02/7182706	Tech & A/C	1991
15	Mostafal Baghir Abdel Rahem Aly	Souhag	2601631	Mechanical	093/253100	Inspector	1976
16	Raafat Mohamed Abdel Haddy Flussen	Souhag	2600112	Ref. & A/C	0127013737	Inspector	1973
17	Nasser Mohamed Salem Mohamed	Cairo	86419	Ref. & A/C	02/7311479	Inspector	I
18	Magdi Awad Alla el billtagy Awad	Cairo	100011	Ref. & A/C	0106362360	Inspector	1985
19	Abdel Raof Abdel Ghafar El- Dawce	Kenna	2700073	Ref. & A/C	095/2467070	Inspector	1985
70	Ebrahim Farag Ebrahim Abou El-Khair	Мепоба	1	Ind - Educ	0125682079	Inspector	1991

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NPP | Fifteenth Training Course

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Š.	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
-	Mostafa Abdel Hamid Hassan	Kaliobia	1403573	Ref. & A/C	0124573851	Teacher	1992
2	Mostafa Gaber Abdel Rahman	Cairo	104857	Metal Industries	6016281	Teacher	1984
3	Mahmoud Hassan Mahmoud	Cairo	0102191	Power	0123121249	General	1979
4	Waleed Farouk Negm Yassin	Cairo	102154	Ref. & A/C	0123243269	Teacher	1997
5	Amir Ebrahim Abdel Magid	Gharbia	1626172	Power	0102334911	Eng Omega Comp	2003
9	Ahmed Serag El- Din Ahmed	Kaliobia	100993	Elect- Equipment	0107819545	Teacher	
7	Ebrahim Abdel Salam Ebrahim	Giza	2100517	Power	0105469995	Eng.Air Cond	2002
∞	Rafaat Abdel Latif Mohamed	Cairo	0101516	Ref. & A/C	0102310750	Teacher	1996
6	Yasser Edd Mohamed Mostafa	Cairo	8800432	Calculators	5260653	Teacher	2003
10	Ahmed Mohamed Morsi Hassan	Giza	2101859	Power	0104314516	Епд .Отеда Сотр	2004
11	Khaled Sobhy Hamza Aly	Cairo	103171	Automative	0101615266	Maintenance Manager	1988
12	Mohamed Abdel Patah Mohamed	Giza	2101672	Ref. & A/C	0124450709	Teacher	2000
13	Ebrahim Mohamed Abdel Ghany	Kaliobia	1400851	Ref. & A/C	0103674474	Teacher	1996
14	Said Mohamed El Said El Sabry	Cairo	100636	Ref. & A/C	0105024802	Manager Of Quality	1980
15	Ebrahim Goda Ebrahim Mohamed	Dakhalia	1201634	Power	0123997607	production Manager	1994
16	Mostafa Mohamed Kabari	Cairo	104233	Electricity	0125153302	Teacher	1990
17	Said Mohamed Aly Dawod	Menofia	1700297	Ref. & A/C	0106649519	Teacher	2000
18	Zaki Ebrahim Zaki Osman	Kaliobia	1400632	Ref. & A/C	0125975019	Teacher	1997
19	Gomblat Mohamed El- Hady	Sharkia	1303154	Ref. & A/C	2963871	Super Faizer	1984
20	Marwa Wahid Mohamed Taha	Cairo	245281	Power	4544661	Eng .Omega Comp	2006

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	Sixte	Sixteenth Training Course						
<u> </u>	No.	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
81		Taalat Gornaa Abdel Magid Mostafa	Beni- Seuif	2201533	Ref. & A/C	0105147317	Tech- Ĝoldi	1994
	2	Nabil Mohamed Mohamed Mossi	Alex	43677		0127539791	Tech- Delta Comp	1987
J	3	Raafat Said Abdel Ghany	Sharkia	105435	Ref. & A/C	0122711571	., Tech-Ref- Air cond	1988
I	4	Ahmed Hamada Mohamed Abdel Kawi	Cairco	0105172	Ref. & A/C	02/2955813	Tiba- Eng school	2000
L	50	Esmael Morsi Ragaab Morsi	Minia	2403278	General Gloss	0104726027	e tech- Zanuissi	2000
<u> </u>	9	Abdel Gawad El- Morsi El- Haj	Gharbia	1600178	Mechanical	0125381884	Tech- Zanossi	1991
	7	Hassan Ahmed Ebrahim Mohamed	Cairo	103116	Ref. & A/C	0128689086	Tech,	1991
3	∞	Walid Mohamed Morsi Khalifa	Cairo	100539	Power	02/5050336	Tech Tech	1991
! -	6	Mostafa Abdel Raof Mostafa	Sharkia	1301959		0122580537	Tech- Air cond	1987
<u> </u>	10	Aḥmed Mohamed Karam Abdel Aziz	Cairo	677801	Electricity	0125828285	Tech- Miraco Comp	1972
I	111	Mohamed Mohamed Shaaban	Giza	2118111		0126169653	Tech - Ref	
J	12	Abo Bakr Mohamed Mahmoud	Cairo	103091	Tech- Ref& A/C	0127828774	Tech- Ref& A/C Gldi Comp	1982
L	13	Ayman Mitwally Koth Hussen	Cairo	100719		0101615176	Maneger Of Maintenance	1983
L	14	Adel El- Said Mohamed Mohamed	Sharkia	1302617	Electricity	0109634096	Tech- Of Air Cond	1985
	15	Hany Mahmoud Khlil El Said	Cairo	0103975	-	0126881731	. — ·	1
L.,,,,	16	Wael Yossef Raggab Mohamed	El- Basatin	104137	Ref. & A/C	0122346893	Rcf. & A/C	1998
	17	AbdAlla Mohamed Aly El-Said	Cairo	100591	Ref. & A/C	0101222461	Tech- Shoubra Comp	1981
	18	Jeosif Aizac Sultan Saweris	Cairo	104292	Ref. & A/C	0121288815	Eng - At Kirriazi Comp	1999
	19	Mohamed Saad El-Din El-Said	Kaliobia	1401076	Ref. & A∕C	0124051645	Teacher	1996
	20	Mahmoud Maged Lattfy Sedik	Cairo	102672		0109390847	Teacher	2004
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Seve	Seventeenth Training Course						•
No.	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
1	Attef Abdel Sattar Naser	Giza	2102437		0128280030	Tech- Zanussi Comp	1995
2	Mohamed Hanafy Abd Alla	Cairo	0104358	Power	0122993734	Eng- At Mog . Comp	2003
3	Hossam Salah Abdel Monecm Ebrahim		8800394	Power	0107818760	Eng- At Auto Cool	2006
4	Abdel Mawla Abdel Lattif Mohamed	Cairo	0101851	Ref. & A/C	0124409922	Ref. & A/C Tech	1993
ın	Tarck Korany Mohamed Mohamed	Giza	2100434	Power	0123569553	Maneger Of Research At Goli Group	1992
و	Mohamed Said Mohamd Eissa	Giza	2100252	Ref. & A/C	0107375628	Super Faizer	1984
7	Ashraf Sabry Aziz Girges	Kaliobia	1400591	Power	0128865695	Eng. At Gorika	2003
ω	Nabile Mohamed Lotfy Said	Giza	2100099	Power	0127446605	Tech- AtTiba Comp	1986
0	Tarrek Fahmy Mahmoud Gamal	Menofia	1700331	Ref. & A/C	0122593535	Tech - At Goldi Group	1993
10	Abdel Fatah Aly Mohamed El- Zaher	Sharkia	1301799	Power	0123319099	Tech - Eng	1976
=	Saida El- Hosainy Mahmoud Abdel Daim	Cairo	100629	Chimestry	0107242552	Chimestry At Shoubra	2005
12	Osama Fathy Mohamed El- Said	Menofia	1709979	Power	0106935914	Tech- At Goldi	1997
13	Soliman El- Said Mabrouk Solima	Giza	2100997	Ref. & A/C	0122822628	Tech- At B. Comp	1993
7	Walcd Mohamed Taha Mahmoud	Alex	210200975	Ref. & A/C	0123832785	Tech- At Ideal Comp	2002
15	Alaa Anter Mohamed Ahmed	Cairo	101832	Power	0105466540	Eng- Union Air	2002
16	Samir Mohamed Abdel Halim	Cairo	157	Power	0123331236	-	2002
17	Hatem Mohamed Abdel Razik	Dakalia	120335	Ref. & A/C	012296439	Tiba IndEngComp	2006
18	Mohamed Ahmed El-Said Abdel Alla	Sharkia	1307235	Electrical Sectim	0121067168	Electrical Tech	1998.
19	Ramdan Mohamed Said Mohamed	Giza	2102179	Ref. & A/C	02/7316592.	Teacher	1990
20	Hesham Mohamed Ebrahim	Cairo	102612	Ref. & A/C	0106991049	Ref. & A/C	2000

Eighteenth Training Course

No.	Name	Governorate	ID. No	Majorin	Tel. No.	Current Position	Date of Graduation
-	Hany Kamel Abo Kalam	Cairo	102434	Ref. & A/C	0105150759	Tech . Ref. & A/C	1990
2	Ahmed Mohamed Ahmd Said	Giza	2103192	Ref. & A/C	0101924688	Tech .In Egat Comp	
ا ا	Ahmed Gharib El Said Hassan	Sharkia	1302255	Ref. & A/C	0100498932	Tech - Goldi Comp	1990
4	Wael Abdel Rehem Khalifa	Souhag	2600131	Ref. & A/C	093/6850653	Tech	1992
.2	Waleed Adel Ebrahim Mohamed	Gharbia	152521	ı	0128363956	Tech- Ideal Comp	1996
9	Moataz Yossef Zaky Saber	Cairo	104717	Ref. & A/C	0124156325	Tech . In Kerrnazi Comp	1992
	Mostafa Kamal Abdel Monee	Cairo	107779	Ref. & A/C	0124137624	Tech - Ciltal Comp	1997
∞	Mahmoud Fathy Mohamed Abdel Alla	Assiut	2500356	Micatronic	0101999276	Eng. Of Miraco Carrier	2006
6	Ahmed Mamdoh Ebrahim Shehata	Giza	2100216	Ref. & A/C	02/8326815	Tech . Ref. & A/C	1991
10	Hamada Mohamed Abdel Kawy	Giza	5954	Electricity	02/2955813	[1974
=	Amro Fahmy Abdel Alla	Cairo		Ref. & A/C	0106699357	1	1987
12	Mohamed Msbah Said Mohamed	Cairo	0102671	Production	0101647198	Production	2004
13	Mohamed Hashem Mohamed Flashem	Cairo	01011793	Power	0101458278	Eng. Auto cool Comp	2004
4	Essam Shafik Henes	Giza	2103395	Ref. & A/C	0127452108	Tech. Of Ref. & A/C	1994
15	Amro Mohamed Ebrahim Aly	Sharkia	010213117	1	I	-	
16	Mohamed Abdel Mohsen El- Balasy	Sharkia	14252	Ref. & A/C	0123620076	Tech. Of Ref. & A/C	1975
17.	Hossen Said Hossen KHalil	Cairo	93692	Production	02/6034664	Eng. At Delta Ind Comp	1990
18	Mohamed Mohamed Mahmoud Rehim	Cairo	1	Ref. & A/C	02/4904443	Tech. Of Ref. &A/C	1988
19	Khald Abdel Moneem Abdel Alim	Cairo	101414	Power	0101518005	Maintenance manger	1988
20	Waleed Ahmed Abas Mashady	Cairo	103031	Production	0106508678	Power	2002

NPP Ninteenth Training Course

Date of Graduation	1997	2001	1	1988	2002	1997	1996	1986	2001		1990			1996	1992	1988	1990	1977	1992	1997
Current Position		Armed Forces			Eng			Trainer	•		Tee - Armed Forces	-	1	·		-	1	Maneger Of Ref. & A/C	Su _H	Eng
Tel. No.	0123549920	0126252835		0103099605	0101430131	0124436275	0122842615	0107314802	0127318933		0182412161	!		0123438858	0105431758	0100676416	0122381425	0101448113	0123619845	0104001872
Majorin	Electricity	General Proctation	Power		Power	Power	Mechanical	Ref. & A/C	Electricity	-	Electricity	Electricity	Ref. & A/C	Food - Manifacture	Ref. & A/C		Power	Ref. & A/C	Electricity	Power
1D. No.		2101851	[0102079	0100534	1	1	2400456	119078	1	91149	 	123421	69144	1	32633	2100911		100392	2101975
Governorate	Cairo	Giza	Cairo	Cairo	Cairo	Alex	Kaliobia	Minia	Cairo	Gharbia	Dakchallia	Cairo	Cairo	Cairo	Cairo	Kaliobia	Giza	Sharabia	Cairo	Giza
Name	Mohamed Yahia Hamed El-Rashidy	Mohamed Fathy Abbas Mohamed	Salah El- ¹ Din Mohamed Hassan	Sameh Abdel Fattah Yossef Sand	Amro Attia Saad El- Din Attia	Hussam, El- Din El- Said Awad Alla	Mohamed Abdel Aziz Abou- Enin	Girgis Zaky Girges	Esmeal Razik Esmeal Rizek	Magdi Botros Aziz	Mohamed Salah El- Din Farag	Sherif Rafaat Salama Mohamed	Magdi Fathy Abdel Gawad	Ebrahim El-Said Abdel Kader Maady	Mohamed Kamal Tohamie Aly	Waleed Tohamy Aly Farghally	Mohamed Ahmed Abdel Razik	Essam El- Din Abdel Malek	Ahmed Mohamed Mahmoud Bayomi	Ahmed Mohamed Aly Taalab
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So.	Name	Governozate	ID. No.	Majorin	Tel. No.	Current Position	Date of Graduation
1	Ahmed Hamdy Abdel Lattif	Kaliobia	1401693	Ref. & A/C	0120192191	Inspector	1992
2	Mostafa Alv El-Goharry	Gharbia	1600772	Ref. & A/C	0104954223	Inspector	1985
\ \ \ \	Mahmoud Mostafa Taha Mostafa	Beni - Seuir		Ref. & A/C	0123554351	Inspector	1988
4	Mahmoud Alv Omar Hassan	Kafer El- Shaikh	113012	Ref. & A/C	0109084653	Inspector	1985
-	Salah Abdel Alem Ahmed Farrag	Kaliobia	1401893	Ref. & A/C	0161531703	Inspector	1985
9	Meloned Abdel Holim El Coid	Alov	20202	Ref & A/C	0122855625	Inspector Of & A/C	1984
	Mohamed Abdel Latif Aly	Cairo	100971	Ref. & A/C	02/4783741	Inspector Of & A/C	1992
α	Alv Ahmed Ahmed Ahou Rava	Dakehallia	100109	Ref. & A/C	0127650542	Inspector	1985
) 0	Sameh Taha Saber	Assiout	2500036	Ref. & A/C	- - - - -	Inspector	1973
2	Essam Esmeal Mohamed Abdel All	Esmaellia	19000235	Ref. & A/C	0125255813	Inspector Of & A/C	1990
1	Abdel All Ally Mostafa Abdel All	Port - Saed	01100131	Electricity	0121417071	Inspector	1991
12	Mohamed Ahmed Abdel Razik Hamad	Giza	2100911	Ref. & A/C	047/3486278	Inspector	1991
13	Abdel Aziz Bassiony Ahmed	Kafer El- Shaikh	1500795	Power	047/3400292	Inspector	1985
7	ŀ	El- Wady El- Gadid	3200057	Ref. & A/C	0161835288	Inspector Of & A/C	1980
15	Khaled Mahrous Mohamed Salem	Cairo	3378	Ref. & A/C	02/4909331	Inspector	1984
16	Hamdy Abdel Sattar Ramadan	Kafer El- Shaikh	1500354	MaintenanceOf Elect	047/3231586	Inspector Of & A/C	1981
17	Said Monir Foad Said	Cairo	101875	Ref. & A/C	0123063327	Teacher	1995
18	Ahmed Mohamed Ahmed Mohmed	Cairo	101311	Ref. & A/C	0125883303	Teacher	1992
19	Mohamed Abdel Razzik Abdel Kader	Cairo	1300217	Ref. & A/C	0161321109	Teacher	1993
20	Shaimar Mohamed Mohamed	Giza	2103262	Ref. & A/C	0128475839	Teacher	

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NPP. | Twenty First Training Course

No. Name 1 Said Hussen Mohamed Aly 2 Gamal Ahmed Abdel Barry Said 3 Mohamed Anwar Mohamed Hassan 4 Ezzat Flelmy Zaky Bedwany 5 Nadder Nazary Bassally Abid 6 Mohamed Hamed Abd alla Ahmed 7 Mohamed Saad Hefny Telleb 8 Afifi Mohamed Ahmed 9 Mohamed El. Said Ahmed Mostafa	Governorate Cairo Dakchallia Assiut Souhag Souhag Giza	102079 1201277 2500054	Major in	Tel. No.	Current Position Training Center	Date of Graduation
od Abdel Barry Said nwar Mohamed Hassan y Zaky Bedwany ary Bassally Abid Hamed Abd alla Ahmed Saad Hefny Telleb ned Ahmed	Cairo Dakchallia Assiut Souhag Souhag Giza Giza	1201277	-	1171071/00	Training Center	110
ed Abdel Barry Said mwar Mohamed Hassan y Zaky Bedwany ary Bassally Abid Hamed Abd alla Ahıned Saad Hefny Telleb ned Ahmed	Dakchallia Assiut Souhag Souhag Giza Giza	1201277		02/4/01011) 	1977
nwar Mohamed Hassan y Zaky Bedwany ary Bassally Abid Hamed Abd alla Ahmed Saad Hefny Telleb ned Ahmed	Assiut Souhag Souhag Giza Giza	2500057	Ref. & A/C	0103446773	Tech At Ghamr	1982
y Zaky Bedwany ary Bassally Abid -famed Abd alla Ahmed Saad Hefny Telleb ned Ahmed	Souhag Souhag Giza Giza	1000007	Ref. & A/C	088/2406566	Tech At Man Power	1983
ary Bassally Abid Jamed Abd alla Ahmed Saad Hefny Telleb ned Ahmed	Souhag G:za · Giza	2600634	Electricity	093/4762755	· Tech . Trainer	1981
Jamed Abd alla Ahmed Saad Hefny Telleb ned Ahmed	Giza ·	2600137	1	0124838392	Tech Trainer	1977
sad Hefny Telleb ned Ahmed 31. Soid Ahmed Mostafa	Giza	2101556	Ref. & A/C	70893356307	Tech , Trainer	1985
aed Ahmed 31. Said Ahmed Mostafa		2101314	Wilding Metal	02/3257320	Training Center	1982
41 Said Abmed Mostafa			1	4456788	Mechanical	
THE CARLES AND THE STATE OF THE PARTY OF THE	Menofia		Automotive	0129965048	Trainer Of Automotive	1982
40hamed Abdel Naddy	Minia	43073	Elect . Equipment	0121384517	Training Center	1976
otfy Ahmed El- Henawy	Alex	1400293	Ref. & A/C	-	TrainerOf Ref. & A/C	1981
Tosbah Abdel Moatty	Dakchallia	1203214	Ref. & A/C	1	TrainerOf Ref. & A/C	1983
onir Habib Morgan	Minia	2400295	Blectricity	0124785394	"TrainerOF Ref. & A/C	1982
umed Mohamed Said	Beni - Scuif	2200031	Tech	0121589709	Tech. ref. & A/C	1987
named Soliman Ghannam	North - Sina	3300152	Automotive	0161623675	Tech . Trainer	1987
ık Abbas Farhat	Catro	14213	Wilding Metal	02/3196728	Trainer Of Wilding Tech	1984
Zin El-abdin Mohamed	KaferEl- Shaikh	1501415	Ref. & A/C	0128707136	Training Center	1984
fosaad Mohamed	Damietta	171000434	Ref. & A/C	0123263119	Tech. ref. & A/C	1985
m El- Desoki Ebrahim	Dakchallia	1200579	Ref. & A/C	050/6011541	Inspector	1992
named Said Said	Cairo		Ref. & A/C	0122823366	Inspector	1984
	Afifi Mohamed Ahmed Mohamed El- Said Ahmed Mostafa Mahmoud Mohamed Abdel Naddy Mohamed Lotfy Ahmed El- Henawy Mohamed Mosbah Abdel Moarty Ebrahim Monir Habib Morgan Magdi Mohamed Mohamed Said Ayman Mohamed Soliman Ghannam Abbas Farouk Abbas Farhat Ahmed Aly Zin El-abdin Mohamed Mohamed Mosaad Mohamed Mohamed Mosaad Mohamed Adel Ebrahim El- Desoki Ebrahim Khamis Mohamed Said Said	cb Mostafa Naddy Henawy Garty Said Said Sharmam ohamed d	eb Giza Mostafa Menofia Naddy Minia Henawy Alex Gorty Dakchallia Said Beni - Seuif Shannam North - Sina Charod Shaikh d Dametta brahim Dakehallia Cairo Cairo	cb Giza 2101314 Mostafa — — Naddy Minia 43073 Flenawy Alex 1400293 Goarty Dakchallia 1203214 Said Beni - Seuif 2400295 Said Beni - Seuif 2200031 Shannam North - Sina 3300152 Carro 14213 KaferEl- Carro d Damietta 171000434 d Dakchallia 1200579 Cairo — —	cb Giza 2101314 Wilding Metal Mostafa — — — Mostafa Menofia — Automotive Naddy Minia 43073 Equipment Flenawy Alex 1400293 Ref. & A/C San Minia 2400295 Ref. & A/C Said Beni - Seuif 2200031 Tech Shair Automotive Automotive Cairo 14213 Wilding Metal KaferEl- 1501415 Ref. & A/C d Damietta 171000434 Ref. & A/C d Dakehallia 1200579 Ref. & A/C Cairo — Ref. & A/C 0	cb Giza 2101314 Wilding Metal 02/3257320 Ch — — 4456788 Mostafa Menofia — Automotive 0129965048 Naddy Minia 43073 Equipment 0121384517 Henawy Alex 1400293 Ref. & A/C — San Minia 2400293 Ref. & A/C — Said Beni - Scuif 2200031 Tech 0124785394 Said Beni - Scuif 2200031 Tech 0121589709 Shain Souif 2200031 Tech 0121589709 Shain Souif 2200031 Ref. & A/C 0161623675 Shaikh 1501415 Ref. & A/C 0123263197 d Damietta 171000434 Ref. & A/C 01232631197 brahim Dakehallia 1200579 Ref. & A/C 0122823366

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	Twe	Twenty Second Training Course				4.		
-	No.	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
		Tamer Massan Mohamed Hassan	Sharkia	43819	Armed Forces	1	Armed Forces	1994
	2	Aly Abdel Galil Abdel Latif	Kaliobia	470124108	Ref. & A/C	0132713916	Armed Forces	1992
	3	Bahy Mohamed Mostafa Awad	Alex	1	Electricity	0120623325	Armed Forces	1996
	4	Aly El-Said Aly El-Shorbagy	Dakehallia	14607	Electricity	0125414549	Armed Forces	1990
	5	Kamal Khalaf Embaby Khalaf Alla	Cairo	14781	Ref. & A/C	02/4744304	Armed Forces	1996
	0	Mohamed El- Shahat El- Tahher	Sharkia	1304575	Ref. & A/C		Armed Forces	1991
		Ekramy Fahmy Mohamed Gadalla	Gharbía	9101011	Electricity	040/2883109	Armed Forces	1990
	∞	Mohamed Abdel Atty Abdel Kadder	Gharbia	1603391	Armed Porces	040/5750726	Armed Forces	1992
	6	Mohamed Hamdy Mohamed Abdel Latif	Dakehallia	102679	Armed Forces	0107912582	Armed Forces	1989
	10	, El-Said Abbas El-Said	Kaliobia	71302	Ref. & A/C	0132521575	Armed Forces	1984
	=	Emad Hamdy Lotfy Zidan	Behaira	471163418	1	03/4999745	Armed Forces	1990
	12	Ayman Abdel Hamed Ahmed	Charbia	1604451	Steam Heater Survices		Armed Forces	1989
	13	Fathy Aly Bader Hassan	Sharkia	1302495	\			1984
	14	Mahmoud Mohamed Mahmoud	Sharkia	79317	Armed Forces	0129124215	Armed Forces	1985
	15	Amro Sultan Abdel Nabby Ebrahim	Giza	106354	Ref. & A/C		Armed Forces	1990
	16	Waleed Abdel Moneem Sobhy Hasham	Cairo	0102193	Elect - Equipment	0126437347	Armed Forces	1993
	17	Aymen Fares Aly Diab	Cairo	0101538	Tech - At Armed Forces	02/2808781	Tech . Ref. &A/ C	1992
	18	Abdel Hamed El-Said Abdel Rehim	Souhag	2602412	Blectricity	093/3270880	armed Forces Officer	1972
-	19	Ashraf Gaafar Aly Abbas	Giza	50614	Armed Forces	0122358261	1	1985
	20	Wasfy Shawky Kellada Machrious	Kenna	2701416	Ref. & A/C	096/5328452	Inspector	1

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NPP Twenty Third Training Course

No.	Name	Governorate	ID. No.	Majorin	Tel. No.	Current Position	Date of Graduation
1	Abdalla Ahmed Ebrahim Gabbr	Menofia	49009716		048/771966	Armed Forces	1987
2	El- Mahdy Ahmed Salah El- Din	Gharbia	83951	Power	0128784614	Armed Forces	1988
3	Farid Hendy Farid El- Gazzar	Cairo	146387	Electricity	1	Armed Forces	1988
4	Èssam Salah El- Din Aly	Cairo	6115090	Ref. & A/C	1	Tech. Ref. & A/ C	1991
5	Mohamed Mostafa Flassan Youssef	Alex	69582814	Power	0124525301	Armed Forces	2004
9	Mohamed Mohamed Abdel Maksod	Alcx	828991122	Ref. & A/C	0122909366	Armed Forces	2001
	Adel Abdel Rahman Kamel	Giza	115469	1	010787756	1	1979
	Hany Atter Maamon Khedr	Kafer El- Shaikh	57414	Power	.0107429916		2001
6	Hany Fawzy Ahmed Amer	Cairo		Ref. & A/C	0106134331	Armed Forces	1991
10	Salah Hashem Abdel Hamed	Sharkia	1301359	Ref. & A/C	0106994174	Armed Forces	1999
=	Mohamçd Fatteh Radwan Sultan	Menofia	3002612	Electricity	0108306589	Armed Forces	1987
12	Mohamed Hassan Abdel Moatty	Behaira	100479		03/5004769	- Armed Forces	2003
13	Mohamed Mohamed Saad Abou - Zid	Menofia	1701938	Elect - Equipment	03/4428379	Armed Forces	1984
14	Mohamed Nabile Abdel Kadder	Alex	38304340	Power	0102005594	Arnied Forces	2005
15	Waleed Ahmed Abdel Gawad	Cairo	1063	Mechanices	0101252348	Armed Forces	1998
16	Ahmed Samy Mossa Mohamed	Sharkia	909615	1	0109239281	Armed Forces	1
17	Fathy Abdel Alem Abdel Rahman	Menofia	827828		3889757	Armed Forces	1997
18	Ahmed Mohamed Samir Taher	Cairo	105081	Power	0101920096	Armed Forces	1995
19	Mohamed Baazak Said Ahmed	Paioum	2300858	1	0129414360	Armed Forces	1991
20	Said Emain Mohamed Ahmed	Cairo	223730	Ref. & A/C	0101093764	Teacher	1995
Twei	Twenty Fourth Training Course						

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No.	Name	Governorate	ID. No.	Majorin	Tel. No.	Current Position	Date of Graduation
	Mohamed Metwally Ahmed Morad	Dakchallia	1202039	Ref. & A/C	0127028211	Armed Forces	1990
2	Kamal Mohamed Mahmoud	Alcx	72992	Rcf. & A/C	0129382234	Armed Forces	1969
3	Aymen Abdel Aziz El- Said	Behaira	1803831	Ref. & A/C	0106470461	Armed Forces	1992
4	Magdy Abdel Monem Ghonam Mohamed	Kaliobia	147058	Rcf. & A/C	0106438284	Armed Forces	1987
.C	Yasser Hemdan Hussen Mahfouz	Assiut	2500331	Power	0126082614	Eng	1995
9	Mahmoud Mohamed Abd Alla	Gharbia	1600815	Rcf. & A/C	0126728589	Armed Forces	2006
	Mohamed Zaki Aly Seddik	Cairo	0100438	Electricity	02/6039210	Armed Forces	
∞	Emad Sabry Taha Mohamed	Cairo	250718	Automotive	0122620357	Armed Forces	!
6	Ebrahim Ahmed Said Abdel Flafiz	Cairo	0102454	Electricity	0106165496	Armed Forces	1991
10	Aymen Abdel Magid Soliman	Cairo	103692		0124469034	Armed Forces	1998
=======================================	Ebrahim Esmeal Ebrahim Hashish	Menofia	1700871	Ref. & A/C	0107384236	Armed Forces	1985
12	Mohamed Abdel Ghafar Rasslan	Behaira	1801372	Electricity	0108349159	Armed Forces	1991
13	Badawy Zaghlol Ahmed Newishy	Giza	I	Ref. & A/C	0104342331	Armed Forces	1990
14	Samch Mostafa Amen Ahmed	Cairo	0104477	Power	0102606885	Armed Forces	1994
15	Khaled Mohamed Said Ahmed	Cairo	116110	Electricity	0109984917	Armed Forces	1984
16	Mohamed Gamal El Din Aly	Faioum	2300191	Power	0101539413	Armed Forces	1998
17	Mohamed Asaad Husseny Mahmoud	Cairo	1	Power	0101504788	Armed Forces	1996
18	Nasser Mohamed El- Askary Aliwa	Kaliobia	82252	Computer	0101570702	Armed Forces	1998
13	Ahmed Gamal Ahmed Lotfy	Kaliobia	82386	Computer	0106719677	Armed Forces	1988
20	Hammed Ahmed Goda Ahmed	Beni - Seuif	2200617	Rcf. & A/C	0127539531	Inspector	1993

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Twenty Fifth Training Course

Š.	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
-	Medhat El- Said Ahmed Abdel Rehim	Cairo	94095	Leathal Wippons	0122855120	Armed Forces	1992
2	Shaaban Dib Tawfik Abdel Magid	Beni - Seuif	2200117		082/6905849	Armed Forces	1992
3_	Hany Adib Ebrahim Hanna	Gharbia	1600238	Ref. & A/C	0123850666	Armed Forces	1991
4	Ahmed Abbas Hassan Mohamed	Cairo	101051	Ref. & A/C	0129475676	Armed Forces	1991
'n	Mohamed Nabil Tawfik	Cairo	169088	Welding	4647554	Armed Forces	1985
9	Barrakat Esmael Taha Ogela	Menofia	90366	Power	048/2770330	Armed Forces	1989
7	Safwat El-Said Mohamed Rezk	Menofia	467250	Electricity	-	Armed Forces	
∞	Orner Mohamed Soubhy Abde Alla	Cairo	0101034	Mechanical	0126603696	Armed Forces	1990
6	Mohamed Seady Mahmoud Artia	Giza	473369	Tech	010292373	Armed Forces	1992
10	Shawky Esmeal Attia	Gharbía	4790329	Armed Forces	0101996103	Armed Forces	2005
=	Wael Abdel Halim Ebrahim	Menofia	97438	Ref. & A/C	0127162292	Armed Forces	1988
12	Redda Abdel Sattar Aly	Sharkia	1301311		0104141084	Armed Forces	2000
13	Mohamed Zaki Ebrahim	Menofia	88831		0108156252	Armed Forces	1972
14	Magdi Kamal Abdel Kadder	Cairo	64570	Armed Forces	1	Armed Forces	1986
15	Saad Ebrahim Abdel Moatty	Kafer El- Shaikh	1800631	Electricity	047/2555768	Armed Forces	1997
16	Waleed Aly Mostafa	Cairo	46511	Mechanical	0182910213	Armed Forces	1990
17	Gaber Farhat Omar.Shahat	Menofia	1700151	Ref. & A/C	048/2281410	Inspector	1975
18;	Ahmed Mohamed Mahmoud El-gendi	Menofia	1700192	Ref. & A/C	0104385333	Inspector	1976
19	Zarif Aly Ebrahim Mikawy	Sharkia	1302871	Ref. & A/C	0103343303	Teacher	1981
20	Nagy Mahmoud Abdel Aziz	Sharkia	1300252	Mechanical	055/2286598	Teacher	1984

Twenty, Sixth, Training Course

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Š	Name	Governorate	ID. No.	Major in	Tel. No.	,	Date of
						Current Fosition	Graduation
-1	Zarif Aly Ebrahim Mikawy	Sharkia	1302871	Ref. & A/C	010 3343303	Teacher	1981
7	Abdel Wahhab Mahmoud Abdel - Wahhab	Sharkia	1300594	Automotive	055/2351873	Teacher	1971
47	Ahmed Elewa Mohamed Elewa	Sharkia	1301151	Power	055/3978286	Teacher	1970
4	Mahmoud Fathy Mahmoud Youssef	Sharkia	1301059	Mechanical	0101804604	Teacher	1985
\cdot	Nader Gendi Abdel - Malak Rzik Alla	Sharkia	1302895	į	0106202268	Teacher	1988
9	Alaa El- Din Mohamed Youssef	Sharkia	1300114	Automotive	0122246981	Teacher	1978
7	Flamed El- Shahat Mohamed Mahimoud	Sharkia	1301097	Automotive	0127280792	Teacher	1989
∞	Terriza Labib Shehatta Mansour	Sharkia	1301361	Power	0124942890	Teacher	1980
6	Samy Shafik Ebrahim Yossef	Dakehllia	1201531	Automotive	6843168	Téacher	1973
10	Ahmed Mohamed Ahmed Osman	Sharkia	1300894	Automotive	0127433158	Eng	1
=	Mohamed Mohamed Hussany	Sharkia	1300907	Power	0121612480	Teacher	1987
12	Mohamed Mohamed Mahedy	Sharkia	1300214	Ref. & A/C	0129910808	Teacher	
13	Khaled Abdel Aziz Mohamed Mohamed	Sharkia	1301191	Rcf. & A/C	0107251250	Teacher	1982
14	Hamed Abdel Hamed Mohamed Mohsen	Sharkia	1300479	Automotive	255/2356872	Teacher	1977
15	Farida Zaky Mostafa El- Nager		1302149	Ref. & A/C	0121208423	Teacher	1979
16	William Ramsis Saif	Sharkia	1300071	Automotive	0120546996	i.	1981
17	' Samir Ghabrial Sharobim Farag	Seuz	400274	Transmission	0125389449	Teacher	1992
18	Gamal Salem El- Alemy Mostafa	Cairo	0102779	Ref. & A/C	0104191658	Teacher	1983
19	Aid Michael Abdel Malak	Sharkia	2315	Power	055/4554497	Teacher	1980
20	Hany Shaker Mahmoud Youssef	Kalliobia	14040658	Power	0103719486	Teacher	2002

Twenty Seventh Training Course

No.	† Name	Governorate	ID. No.	Мајов in	Tel. No.	Current Position	Date of Graduation
	Hazzem Shaker Ahmede Shaker	Cairo	100057	Power (Ref. A/C)	012 3353534	Engineer	2005
2	Nabil Desoky Mostafa Desoky	Giza	2101993	Metals (Ref. A/C)	010 0427038	Technician	2001
٤,	Mohamed Said Mohamed Abou-Serce	Cairo	101054	Electricity (Ref. A/C)	010 3365736	Tcchnician	1998
4	Mohamed Foad Abass Hassan	Cairo	101036	Ref. & A/C	010 3972928	Technician	1995
	Mostafa Kamel Ahmed	Cairo	102792	Ref. & A/C	012 3149562	Technician	1982
9	Hanna Fawzy Ephram Abou-Saif	Cairo	2404239	Ref. & A/C	012 3733461	Technician	1997
7	Abdel- Fattah Mohamed Abdel Fattah	Cairo	105497	Ref. & A/C	012 4766497	Technician	2003
œ	Mahmoud Ahmed Mahmoud Karrany	Cairo	ı	Ref. & A/C	015 3559069	Technician at Ideal Co.	1988
6	Abdel Khalek El-Said Abdel- Khalek Aly	Cairo	263816	ş	012 4512769	Technician	1985
10	Emad Abdel Samad Abdallah Hassan	Cairo	101693	Ref. & A/C	012 1173985	Manger of Ref.	1983
					-	said metal co.	
11	Mohamed Safwat Ahmed Attia	Cairo	104598	Ref. & A/C	012 3597138	Technician	1996
12	Ozoris Roshdy Selwanis Aziac	Cairo	100738	Ref. & A/C	02/2570850	Technician	1980
		·	000004	A	010 4104540	Project Manager at	7007
13	Mohamed Fauly Meawad Aly	Cilza	1300021	Automonive	012 4124340	Company	0000
41	Mohamed Said Aly Ebrahim	Giza	2102394	1	02/8119602	Production Super Visor	1996
15	Adham Abdel -Barry Aly Mostafa	Kenna	2700159	Ref. & A/C	010 0516341	Technician	1995
16	Zarif Nașeem Israel Barnaba	Cairo	100932	Ref. & A/C	012 1829040	Technician	1991
17	Abdel -Rahman Abdallah Mostafa	Sharkia	1300314	Rcf. & A/C	012 3583613	Inspector	1985
18	Mohamed Ahmed Mahmoud	Sharkia	1300373	Ref. & A/C	010 3137825	Inspctor	1989
19	Ramadan Esmael El-Said Kassab	Sharkia	1301739	Ref. & A/C	010~1546388	Inspector	1984
20	Wael Ahmed Ebrahim El- Shoura	Gharbia	1600854	Ref. & A/C	012 7222737	Trainer	1991

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Twenty Eighth Training Course

Date of Graduation	2002	1998	2002	2001	2000	1993	1999	1992	1976	1997	2002	1995	1992	1991	1969	1985	1988	1989	1996	1992
Current Position	Enviromental Inspector	Enviromental Inspector	Enviromental Inspector	Enviromental Inspector	Enviromental Inspector	Teacher	Teacher	Trainer	Trainer	Trainer	Trainer	Trainer	Tramer	Trainer	Traincr	Traincr	Trainer	Trainer	Teacher	Traincr
Tel: No.	010 3926817	-	010 3817246	010 6179157	012 4001361	012 3587317	012 0297292	010 8272781	012 3784423	35556294		055/ 2420554	055/2421357	s	012 7707176	050 9140126	012 3709340	010 1738664	010 2969260	010 6914065
Major in	Chemistry	1	Physics (Ref. A/C)	Chemistry (Ref. A/C)	Chemistry (Ref. A/C)	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Power (Ref.& A/C)	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C
D. No	18023095	103453	ı	400031508	ı	2101958	2101875	102319	2101693	101398	102794	1300599	1300375	103935	1600852	1203334	201432	101134	100427	1400915
Governorate	Behira	Cairo	Giza	Seuz	Alexandria	Giza	Giza	Cairo	Giza	Cairo	Cairo	Sharkia	Sharkia	Cairo	Gharbia	Dakchallia	Alexandria	Cairo	Cairo	Kalliobia
Name	Ahmed Aly el- Said	Mohamed Hamdy El- Babelly	Mohamed Abdel - Mbdy Mahmoud Soliman	Mahmoud Mohamed Mohamed Ebrahim	Ahmed Fathy Abdel Baky El Adll	Adol Awad Ehrahim Mohamed Awad	Yasser Mansour Ahmed Awad	Hesham Shazelly Yossef Abdel- Kerim	Fl. Banawy Harned Mohamed El-Banawy		Mohamed Koth Mohamed Flussen	Helal Saad helal hassanin	Khaled Ahmed Mohamed Galballah	Hesham Talaat Mohamed Aly	Moham'ed Mohamed Mohamed Afaan	Hamed Helmv El-mahedv Attia	Nabile Kamal Fahmy Sedarous	Medhat Ahdel - Rahman El-Said	Wafaa Mahedy Aly Mostafa	Mohamed Sherif El- Senosy
No.	1	2	3	4	r.C	4	2 /-	- α	0	10	11	12	13	7 4	15	1,5	17	12	19	20

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Twenty Ninth Training Course

Company of the Compan	Date of Graduation	1	1993	1994	1987	1998	1990	1993		1990	2002	1985	1987	2004	1992	2004	1991	1992	2000	1988	0
	C D		1	1	-	1	100	15		15	7(16	16	7(15	2(15	51	75	1	-
	Gurrent Position	Technician	Technician	Technician	Group Manager	Technician	Observer Quality	Technician	Technician	. Technician	Engineer	Technician	Technician	Technician	Technician	Engineer Production	Technician	Technician	Maintenance Manager	Maintenance Manager	
	Tel. No.	012 2183671	010 1303631	012 3812708	012 3306748	048/3960740	010 8015164	015 3717461	012 5507955	010 1945214	012 2544175	010 6195802	012 2783186	010 8243192	02/4847359	03/4510216	010 5323855	010 5749668	010 1615177	012 23631665	
	Majorin	Automotive	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	Ref. & A/C	(Ref. & A/C)	-	Ref. & A/C	(Ref. & \/C)	Production (Ref. &A/C)	Ref. & A/C	power (Ref. &A/C)	power (Ref. &A/C)	Power (Ref.A/C)	Ref. & A/C	Ref. & A/C	Power (Ref.A/C)	Ref. & A/C	
Ç	oN CI	ı	į	1401938	4732	1702133	140451	1301532	104331	104751	101698	1603055	4879	100539	9020100	200971	2201091	2745252	1400696	1300037	
	Сометогате	Palastin	Zeitoun	Kalliobia	Cairo	Menofia	Kalliobia	Sharkia	Giza	Cairo	Cairo	Gharbia	Cairo	Cairo	Cairo	Alexandria	Beni- Saif	Giza	Kalliobia	Sharkia	
	Name	Maged Attia Mohamed Hassan	Ahmed Essam El-Din Mohamed	Ahmed Mostafa Kamel Ahmed	Tarrek Shawky Abdel -Khallck	Mohamed Aboulfath Mahmoud	Wael Abdel- Shafy Diab Ebrahim	Nageh Abdel- Hafiz Abdallah	Tallal Essam Hussen Salem	Khaled Mohamed Nady	Ahmed Mohamed Ahmed Mostafa	Kamel Kamel Mohamed Albou- Hamama	12 Usama Ahmed Mohamed	Gamal Hassan Mohamed Aly	Alaa Esmael Mohamed Ahmed	Ahmed Mohamed Mahgoub Salem	Helmy Gomaa Hashem Abdel- Naby	Ahmed Ragab Abdel- Aziz	Amr El- Khoudary Mohamed	Jósif Ryad Ebrahim Mansour	
	oN.	1.	7	3	4	ı,	9	7	∞	6	10	11 -	12	13	14	15	16	17	18	19	

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No.	Name	Governorate	ID. No.	Majorin	Fcl. No.	Current Position	Date of Graduation
1	Ussama Abdel Wadod Abdel Rassol	Kalliobia	1400756	Power	0133428745	Eng . At Banha Tech	1992
2	Mohamed Abdel Hamed Taha	Dakchlia		1		Section Manger	1975
33	Abdel Hamed Zaky Abdel All Sand	Menofia	1701231	Power	0100580232	Eng	1974
4	'Shokry Ahmed Hassan El- Seaddi	Menofia	1700693	Power	0103103149	Eng	1977
r.C	Kamal Abdel Moarty Mohamed	Menofia	1702291	Teacher	3705206	Tech	1985
9	Mahmoud Abdel Alla Mahmoud	Menofia	1700534	Teacher	0106758293	teacher Eng . Educ	1983
	Sabah Kamel Ghanem Seror	Cairo	110994	Power	02/6390035	Maintenance	1989
- ∞	Neamat Alla Faris Nakhla	Cairo	67146	Power	0122379300	Teacher	1990
6	Ghada Kassem Abdel Rahman	Cairo	0100286	Power	0104320583	Teacher	1990
10	Hannan Ahmed Attia Foda	Cairco	0101249	Power	02/4529497	Teacher	1987
11	Edd Ebrahim Mohamed Ahmed	Cairo	144438	Power	02/5270029	Teacher	1990
12	Saber Mohamed Abdel Atty Matter	Kalliobia	1400716	Automotive	0105416603	Teacher	1983
13	Khaled Abdel Fattah El- Said	Cairo	105218	Power	0108762318	Teacher	1982
14	Magdi Muhssen Rushdy	Cairo	0102793	Power	0123340717	Teacher	1994
15	Ahmed Lamee Aly Ahmed	Cairo	0103695	Power	0123325480	Teacher	1990
16	Saber Saad Abdel Fattah	Kalliobia	1401692	Ref. & A/C	02/2830886	Teacher	1973
17	Mohssen Mohamed Mohamed	Domiat	1100158	Automotive	4187531	Teacher	1975
18	Adel Morcous Lottfy Shally	Cairo	82956	Automotive	0121858329	Teacher	1982
19	Mahmoud Shawky Mescilty	Sharkia	1301457	Ref. & A/C	055/3680562	Teacher	1982
20,	Mohamed Abdel Fatrah Mohamed	КаШовія	1400932	Ref. & A/C	0120751975	Teacher	2001

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Thir	Thirty First Training Course						
°Z	Name	Боустояде	ID, No.	Major in	Tel. No.	Current Position	Date of Graduation
1	Mohamed Said Abdel Motaal	Esmeallia	1900056	Power	0105608516	Teacher	1985
73	Said Said Mohamed El- Haddy Emam	Kalliobia	1400791	Ref. & A/C	0129132909	Teacher	2002
n	Ebrahim Abdrabou Abdel Samec	Kalliobia	1403958	Rcf. & A/C	0108047436	Teacher	2002
4	Said Ahmed Mohamed Rashid	Cairo	101012	Automotive	02/2541950	Teacher	1990
ı.c	Gamal Philib Yassa	Cairo	0103976	Refrigeration	0124596310	Teacher	2006
9	Mohamed Said Aly Ebrahim	Giza	2102394	1	02/8119602	Production Supper Fazer	1996
1-	Mohamed Fathy Meawad Aly	Gizz	138829	Λυτοπιοτίνε	0124124540	MangerProject Sicel Master Co	1986
∞	Ozoris Roshedy Selwanes Eshak	Cairo	0100738	Ref. & A/C	0127974515	Tech. Ref. & A/C	1980
6	Mohamed Safivat Ahmed Attia	Cairo	104598	Ref. & A/C	0123597138	Tech. Ref. & A/C	1996
101	Emad Abdel Samad Abdalla	Cairo	0101693	Ref. & A/C	0121173985	Manger Of Ref. Section At Mog	1983
111	A'bdel Khalek El- Said Abdel Khalek	Cairo	263816	Survice Of Maintenenice	0124512679	Tech . At Bahgat Co	1985
12	Mahmoud Ahmed Mahmoud	Cairo		Ref. & A/C	0123556069	Tech . At Ideal Co	1988
13	Abdel Fattah Mohamed Abdel Fattah	Cairo	105497	Ref. & A/C	0124766497	Tech . Ref. & A/C	2003
7	Hanaa Fawzy Ebrahim Abou Saif	Cairo	2404239	Ref. & A/C	0123733461	Tech . Ref. & A/C	1997
15	Mostafa Kamel Ahmed	Cairo	102792	Ref. & A/C	0123149562	Tech	1982
16	Mohamed Foad Abbas Hassan	Cairo	101036	Ref. & A/C	0103972928	Tech . Ref. & A/C	1995
. 17	Mohamed Said Mohamed Abou Seree	Cairo	101054	Elect- Machines	0103365736	Tech	1998
18	Nabil Desoky Mostafa Desoky	Giza	2101993	Metals	0100427038	Production Technation	2001
19	Hazem Shaker Ahmed Shaker	Carro	1000057	Power	0123353534	Eng . At Miraco Carrier	2005
20	Zarif Nessim Israel Barnaba	Cairro	100932	Ref. & A/C	0121829040	Tech. Ref. & A/C	1991

Thirty Second Training Course

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No.		Governorate	ED. No.	Majorin	fel. No.	Current Position	Date of Graduation
_	Mostafa Mohamed Yossef Mohamed	Minia	2400576	Power	0124262946	Teacher	1975
2	Mohamed Ahmed Mohamed	Cairo	0102117	Tech - Ref & A/C	0121430813-	Tech - Ref & A/C	
3	Halla Abdel Halem Mostafa	Port - Said	300064	Power	0124464195	Teacher	1982
4	Mohamed Hassan Hassan Rawy	Porr - Said	300052	Automotive	066/3417337	Teacher	1987
r.c.	Tafida Aly Abou El- Nour Ebrahim	Port - Said	300104	Power	0123269393	Teacher	1980
9	Haisam Saad Aly Rahem	Soudi - Arabia	880036	Power	3227276	Teacher	1983
7	Ahmed Helmy Aly Abdel Hafz	Souhag	2600454	Ref. & A/C	0109814112	Teacher	1993
∞	Said Mansour Habib	Aswan	2800774	Ref. & A/C	0125039485	Teacher	2000
0	Waleed Khalifa Abdel Rahman	Souhag	2603275	Ref. & A/C	093/2501263	Teacher	1994
2	Attef Fathy Mohamed Soliman	Souhag	2601614	Ref. & A/C	0124219975	Teacher	1994
1	Salch Fawzy El- Sawy El- Said	Sharkia	1302598	Ref. & A/C	255/3762823	Teacher	2001
12	Rehan Meawad Aly Ebrahim	Dakchallia	1203198	Ref. & A/C	0108660616	Teacher	1996
13	Abou El- hassan Shazly Said	Rcd - Sea	3100072	Ref. & A/C	065/3547405	Teacher	1993
14	Mahmoud Ahmed Abdel Patrah	Cairo	0104777	Ref& AC	012 5865432	Technician	2004
15	Ahmed Mohamed Agamy	Cairo	1	Ref. &A/C	010 3732080	Technician	2005
16	Mohamed Abd El Dayem Mohamed	Sharkeya	140711	Ref.&A/c	055 3951742	Technician	1990
17	SariaAhmed Abd El Rahman	Tebin	45020	Ref. &A/C	010 2812572	Technician	1996
18	Abd Allah Mohamed Aly El Shafee	Cairo	0100591	Ref. &A/C	010 1222461	Technician	1981
19	Ehạb Sayed Mosuad Ahdo	Cairo	0102531	Ref. &A/C	010 6337838	Technician	2005
20	Mahamed Ahnied Youssef	Cairo	0103919	Rcf. &A/C	010 3598212	Technician	2003
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Thirty Third Training Course

No.	Name	Governorate	Ö. Ö.	Majof in	Let. No.	Current Position	Date of Graduation
	Adham Abdel Bary Aly Mostafa	Kenna	2700159	Ref. & A/C	0100516341	Technical Research	1995
2	Mahmoud Emam Ebrahim Mohamed	Cairo	1	Ref. & A/C	02/4930654	Manger Of Ref. & A/C	1982
3	Mohamed Abdalla Mostafa Ebrahim	Cairo	0103857	Ref. & A/C	02/3219106	Tech. Of Ref & A/C	1996
₹	Alaa Ahmed Mohamed Ahmed	Minia	2400954	Power	010684246	Teacher	1989
٢U	Sarry Abdel Fatrah Badawy El-Said	Gharbia	1602399	Ref. & A/C	0104548501	Teacher	1984
9	Said AlylMersal Hussen	Aswan	2800357	Ref. & A/C	0124638736	Teacher	1973
7	Mostafa El- Said Hussen Yossef	Kenna	2701377	Ref. & A/C	0123113257	Teacher	1984
œ	Mohamed Ahmed Abdel Naem	Kenna		Ref. & A/C	5216179	Teacher	1984
6	Sameh Aly El- Sawy Mohamed	Esmaellia	1900298	Ref. & A/C	0123713780	Tech . Of & A/C	1997
10	Mohamed Abdou El- Desoky	Gharbia	68902	Power	0105235262	Teacher	1989
111	Essam Abdel Halem Abdel Daim	Menofia	1701034	Power	0123107665	Teacher	1988
12	Mahmoud Mesalhy Soliman	Alex	200697	Ref. & A/C	0122628287	Teacher	2001
13	Abdou Said Abdou Maarof	Gharbia	1600151	Power	0123788657	Teacher	1988
14	Adel Labib Kirollos	Souhag	1	Ref. & A/C	0128320886	Teacher	1973
15 ;	Aly Mohamed Ahmed Soliman	Souhag	57716	Power	0102528299	Teacher	1994
16	Abdel Hamed Mohamed Yossef	Kenna	2701616		097/2269646	Teacher	1974
17	Yasser Amen Ahmed Torkia	Menofia	1701754	Ref. & A/C	0109898198	Teacher	1996
18	Morad Girgis Demian Beshay	Gharbia	1601295	Power	0124511610	Teacher	2002
19	Razek Abdalla Saleh Singer	Gharbia	103418	Electricity	0108012639	Teacher	1984
20	Mohamęd Sabet Alem El- Din	Cairo	1	Power	0122913385	Teacher	1975

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Thirty Fourth Training Course

7	Nimb	Governorate	ID. No.	Major in	Tel. No.	Current	Date of
ÖN	INGHIC))		,		FOSITION	Graduallon
1	'Mohamed Ahmed hassan Ahmed	Kenna	2701715	Ref. & 11/C	010 4916628	Teacher	1974
2	Said Mohamed Hassan Mohamed	kenna	2551	Ref. & A/C	012 8815478	Teacher	1995
3	Attalla Farrag Abou-el-Hassan Abaddy	Kenna	2705518	Ref. & A/C	096 6821441	Teacher	1995
4	Mahmoud Ahmed Albou - srait	Aswan	280051	Ref. & A/C	ı	Teacher	1992
ıc	Abdel-Redda El- far Tawfik	1	-	Ref. & A/C	1	Teacher	1
9	Mohamed Kassem Mohamed Ahmed Anany	Souhag	2600115	Ref. & A/C	012 8022918	Teacher	1993
7	Salem Manaee Diab Abdel- Salam	Aswan	2800432	Ref. & A/C	097 4718937	Teacher	1992
∞	Mansour Khoudary hassan abdalla	Aswan	2800358	Rcf. & A/C	010 0276786	Teacher	1992
6	Aly abdel- rahman aly rahman aly	Assuit	2500815	Ref. & A/C	010 4733721	Teacher	1992
2	Rabeey hassan mahmoud osman	Aswan	2800271	Ref. & A/C	012 5461632	Teacher	1992
11	Ashraf Nour-El-Din Abdel- Aziz	Aswan	280053	Ref. & A/C	012 7140622	Teacher	1992
12,	Sultan Bassry Mahmoud hassanin	Aswan	2800616	Ref. & A/C	012 2818434	Teacher	1992
13	Gihan Bahr Mohamed nour nasser	Aswan		Ref. & A/C	097 2310027	Teacher	1997
4,	Abdel Nasser Abdel - Sattar Ahmed	Souhag	2603773	Ref. & A/C	012 7062792	Teacher	1993
15	Ahmed Rabee Mahmoud Metwally	Kenna	2700134	Ref. & A/C	010 2632408	Teacher	1993
16	Hemdan Ahmed Yossef Gomaa	Kenna	2700299	Ref. & A/C	095 815271	Teacher	1977
17	Ashraf Kamel Reiad abdel-messeh	Souhag	2600233	Ref. & A/C	093 2798281	Teacher	. 1994
18	Hany Mohamed El-rashidy hassan Khalil	Kenna	27017930	Ref. & A/C	012 8028687	Teacher	1998
19	Medhat Shabban Mahmoud Kamal El-Din	Souhag	2602555	Ref. & A/C	010 9452990	Teacher	1994
70	Waleed Khalifa Abdel - Rahman Abdel-kerim	Souhag	2603275	Ref. & A/C	093 2501263	Teacher	1994

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Thirty Fifth Training Course

						Current	Date of
No.	Name	Сочетолате	ID. No.	Majorin	Tel. No.	Position	Graduation
-	Lingua Mohyaa Ri-Din bassan Mohamed	Aswan	2800219	Ref. & A/C	097 3590851	Teacher	1998
- (Thussell Moliyee Li Milkin Codolli	Alexandria	201093	Ref. & A/C.	03 4500299	Teacher	1992
7	Monmode Abdes- Ivaboy Cadana	Aswan	2800279	Ref. & A/C	097 4501549	Teacher	1992
2 -	Ayman Monanned ersand somman	Aswan	2800615	Ref. & A/C	097 4500273	Teacher	1992
4 n	Attef Lakih Vossef Bekheet	Souhag	2600057	Ref. & A/C	010 1071062	Teacher	1992
n c	Ashraf Assil Nour el- Din Ebrahim	Souhag	2601158	Ref. & A/C	012 9080243	Teacher	1992
) [-	Mamdouh Ahmed Hassan Awis	Souhag	26021704	Ref. & A/C	093 2321753	Teacher	1992
. 00	Ahmed Mostafa Mohamed Ahmed	Souhag	2600235	Ref. & A/C	012 8074367	Teacher	1994
- 6	Zaky Mohamed Rashidy Ahmed	Kenna	2800757	Ref. & A/C	095 2254642	Teacher	1992
. 2	Mansour Mohaned Ahmed Soliman	Kenna	2700218	Ref. & A/C	012 9086889	Teacher	1995
? =	Ashraf Abdel - Kerrim Khoudary Metwally	Aswan	2800195	Ref. & A/C	010 2292990	Teacher	1995
2	Ashraf Fahkry Abdel-Metaal Mohamed	Aswan	2800918	Ref. & A/C	012 4544899	Teacher	1992
1 5	Rashwan Ahmed Rashwan Mossa	Kenna	2700513	Ref. & A/C	010 3054745	Teacher	1981
5 4	Mostura Mohamed Mahmoud El- Tawil	Кеппа	2700835	Ref. & A/C	010 7645990	Teacher	1993
15	Hussen Ahmed El-Said Meawad	Kenna	2701792	Rcf. & A/C	010 8724392	Teacher	1980
16	Abdel - Basset Selem Abdel- Ghafar Selem	Kenna	l	Ref. & A/C		Teacher	1978
17	Khaled Abdel - Wahab Mohamed Ahmed	Aswan	2800291	Ref. & A/C	010 0652559	Teacher	1992
18	Mohamed Fatthy Mohamed Aly	Aswan	270500	Rcf. & A/C	097 3135180	Teacher	1992
19	Ahmed Said Mamdouh Ebrahim	Cairo	103873	Ref. & A/C	018 2686432	Teacher	1993
20	Mohamed Shokry Hussen Kassem	Souhag	2601111	Ref. & A/C	093 2535771	Teacher	1992
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Thirty Sixth Training Course

No.	Name	Governorate	ID No.	Majorm	Tel. No.	Current	Date of Graduation
1	Fifi Nabile Mohamed Abdel - Arty	Kafer El Sheikh	1500608	Ref. & A/C	012 7169410	Teacher	2002
2	Ebrahim Lotfy Mohamed Ahmed	Cairo	ţ	Ref. & A/Ċ	010 5869957	Teacher	2002
3	Mohamed Salama Abdel - Haddy Mohamed	Alexandria	170200691	Ref. & A/C	010 9283643	Teacher	2005
4	'Ahmed Ahmed Meawad	Giza	2103732	Rcf. & A/C	0100562245	Teacher	1996
ın	Noha Abdel- Atty Abdel - Wahab	Cairo	100036	Ref. & A/C	010 6073189	Teacher	1984
9	Aymen Mohamed Mohamed Ebrahim	Cairo	106775	Rcf. & A/C	012 7088332	Teacher.	1990
7	Redda Aly Mohamed Yossef	Kalliobia	1401091	Ref. & A/C	013 3361393	Teacher	1978
00	Mohamed Said Abdel - Ghany Yossef	Cairo	101213	Ref. & A/C	012 8728731	Teacher	1984
6	Aly Mahmoud Abou-Zeis Hassan	Cairo	101175	Ref. & A/C	02 4274896	Teacher	1993
2	Amal Aly Dahab El-Gendi	Alexandria	49278	Ref. & A/C	1	Teacher	1988
11	Hassan Fawzy Mohamed El Strar	Cairo	102796	Ref. & A/C	010 5141393	Teacher	2006
12	Hamada Mohamed Abdel- Rahman Awis	Beni-Sewif	2201011	Ref. & A/C	012 9688916	Teacher	2000
13	Saber Shaaban Emam Said	Beni-Sewif	82201099	Ref. & A/C	082 9200619	Teacher	2004
14	Ahmed Lotfy El-Said Atwa	Cairo	100293	Ref. & A/C	02 3068681	Teacher	1988
15	Sabry Ramadan Ahmed	Gharbia	1601759	Ref. & A/C	010 4194979	Teacher	2004
16	Medhat Mohamed Ahmed Abdel - Rahman	Cairo	100951	Ref. & A/C	012 4595824	Teacher	1990
17	Hanaa Aly Abdel - Rahman	Cairo	101249	Ref. & A/C	012 8787556	Teacher	1986
18	'Mohamed Reface Abou El-Hassan Yassen	Aswan	374043	Ref. & A/C	09730 74043	Teacher	1995
19	El-Amir Alfy Saleb Abou - Saif	Aswan	2800693	Ref. & A/C	012 3887435	Teacher	1992
20	Mohessen Aly Esmael Mohamed	Aswan	2800293	Ref. & A/C	018 2632278	Teacher	1992
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Thirty Seventh Training Course

No.	Name	Боустогие	Ö. Ö. Ö.	Majora	Tel. No.	Current Position	Date of Craduation
1	Saffaa Aly Soliman Aly	Port -Said	30268	Ref. & A/C	0026038990	Teacher	1990
2	Yossef Mohamed Yossef Terra	Port -Said	300211	Rcf. & A/C	066 3728683	Teacher	1980
3	Tarrek Mohamed Mahmoud Mohamed	Port -Said	3000310	Ref. & A/C	010 5011419	Teacher	1995
4	Nassera El- Said Hassan	Port -Said	300127	Ref. & A/C	066 3720207	Teacher	1980
5	Yossef Yossef Mohamed	Port -Said	300136	Ref. & A/C	010 2759428	Teacher	1978
9	Fawzy Abdel-Ghamy Wahed Abdalla	Dakehallia	1202115	Ref. & A/C	0503225645	Teacher	1976
, 7	Mamdoh El- Said Attia El -Said	Kenna	40274	Ref. & A/C	010 1840143	Teacher	1978
- ∞	Gamal Ahmed El-Desoky	Port-Said	300111	Ref. & A/C	012 479899	Teacher	1978
6	Mohmed Mohamed Mahmoud Osman	Port- Said	300278	Ref. & A/C	012 334574	Teacher	1978
101	Wahba El-Said El Refaey El-Lully	Port- Said	45192	Ref. & A/C	012 790857	Teacher	1978
1	Zaghloul Abdel- Sadek Abdel- Hamed	Port -Said	1701232	Ref. & A/C	012 2831967	Teacher	1978
12	Ebrahim El- Said Mohamed El-Gizy	Port -Said	300274	Ref. & A/C	012 3486594	Teacher	1978
13	Mohssen Mohamed Fatthy Ebrahim	Port- Said	300253	Ref. & A/C	010 5632546	Teacher	1990
14	Mohamed Hanafy Biomy Abdalla	Port- Said	52412	Ref. & ∆/C	010 1820279	Teacher	1990
15	Attef Mohamed Awad Shaaban	Port-Said	47470	Ref. & A/C	010 7663554	Teacher	1978
16	Aly Abdel- Fattah Ahmed El- Araby	Port-Said	8800034	Ref. & A/C	010 7332433	Teacher	1983
17	Nadia Ahmed Talaat El-Said	Port -Said	300065	Ref. & A/C	066 3603917	Teacher	1989
18	Hassan Mohamed Ahmed El Daba	Port-Said	300312	Ref. & A/C	010 9506557	Teacher	1974
19	Taghrid Ebrahim Asffor	Port-Said	300305	Ref. & A/C	010 5266044	Teacher	1987
20	Karim Ebrami Mohamed El Tarrabily	Port-Said	300148	Ref. & A/C	012 2356669	Teacher	1990

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Thirty Eighth Training Course

Z _o	Name	Governorate	ID, No.	Major in	Tel. No.	Current Position	Date of Graduation
1	Ehab Mahmoud Hassanin Nassar	Souhag	2601556	Ref. & A/C	012 3821682	Teacher	1992
2	Yeha Mahmoud Ahmed Alian	Aswan	2800096	Ref. & A/C	097 4501834	Teacher	1992
3	Abdel Naeem Hassan Mohamed Adam	Aswan	2800116	Ref. & A/C	010 9688572	Teacher	1992
4	Mohamed Yossef Aly Mohamed	Aswan	2800251	Ref. & A/C	010 27004528	Teacher	1992
ىر. 	Ramadan Ragab Hamed Hassan	Aswan	2800091	Ref. & A/C	012 4215119	Teacher	1992
9	Abdel - Moneem Abdlly Soliman	Kenna	2700572	Ref. & A/C	010 0331601	Teacher	1995
~	Abdel Mehana Badran Yonnis	Kenna	27001111	Ref. & A/C	096 5410116	Teacher	1992
∞	Mohamed Okasha Mohamed Flussen	Kenna	2700495	Ref. & A/C	018 2246832	Teacher	1993
6	Ashraf Abdel- Raddy Hussen Kennawy	Kenna	2701593	Ref. & A/C	012 4163232	Teacher	1992
10	Kamal Mohamed Nassary Abdel - Rahman	Kenna	2701719	Ref. & A/C.	010 6345771	Teacher	1993
11	Ahmed Said Hassan Hussen	Kenna	2702858	Ref. & A/C	010 7716339	Teacher	1998
12	Husseeny hassan Soliman Aly	Souhag	2601355	Rcf. & A/C	093 2621927	Teacher	1994
13	Fayz Sarwat Fekry Said	Souhag	2601392	Ref. & A/C	010 3670442	Teacher	1992
14	Mareey Anwar Maree Zidan	Souhag	2601731	Ref. & A/C	093 32551003	Teacher	1994
15	Ahmed Aly Hussen Ahmed	Kenna	2700131	Ref. & A/C	010 7006853	Teacher	1978
16	Hussam Helal Waser Abdel- Shafy	Sharkia	1302357	Ref. & A/C	012 6544273	Teacher	1999
17	Yossef Abdel- Salam Esmael Mohamed	Sharkia	1300552	Ref. & A/C	012 3513253	Teacher	1993
18	Khalaf Ebrahim Desoky El-Said	Souhag	2601778	Ref. & A/C	012 2928284	Teacher	
19	Mohamed Said Aly Hamdalla	Kenna	3615	Ref. & A/C	010 7271517	Teacher	1995
207	Nabile El- Abd Ashaia Girgis	Kenna	2700175	Ref. & A/C	010 6191283	Teacher	1980
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Thirty Ninth Training Course

i N	Name	Governorate	ID, No.	Majorin	Tel. No.	Current Position	Date of Graduation
-	Mohamed abd El fattah	Gharbeya	1	Ref& A/C	012/3953425	Technician	1982
2	Ahmed Mohamed Hassan Soliman	Alexandria	201279	Ref& A/C	012/6824464	Technician	2004
3	Maha Ayad Markos	Cairo	264020	Ref& A/C	010/1905711	Technician	1986
ব	Hamada Mohamed Abd El Kawy	Giza	3954	Ref& A/C	02/2955813	Technician	1974
r.	Alaa Mohamed Antar	Cairo	101832	Ref& A/C	02/5437049	Technician	2002
9	Gomblat Abd El Hady Mahmoud	Sharkeya	1303154	Ref& A/C	2963871	Technician	1984
7	Mohamed Farouk Mohamed	Gharbeya	1601273	Ref& A/C	040/5360662	Technician	2002
∞	Mohamed Aly Mohamed Zin El Din	Cairo	0100971	Ref& A/C	010/1660017	Technician	1998
0	Hazem Shaker Ahmed Shaker	Cairo	0100057	Ref& A/C	012/3353534	Technician	2005
10	Hosney El Sayed Abd El Megid	Sohag	2641124	Ref& A/C	012/3256512	Technician	1992
=	Sayed Mahmoud Sayed Mahmoud	Cairo	0101035	Ref& A/C	012/7102420	Technician	2004
12	Mohamed Sherif El Senousy	Kaliobeya	1400915	Ref& A/C	010/6914065	Technician	1993
13	Sayed Abd El Moneim Refacy	Sharkeya	1301193	Ref& A/C	055/2821106	Technician	1986
14	Zaki Ahmed Soliman	Dakahlia	74398	Ref& A/C	3640335	Technician	1982
15	Hussein El Sayed Hussein	Kaliobeya	1403319	Ref& A/C	010/3795803	Technician	1993
16	Mohamed Ahmed Fouad	Giza	2200099	Ref& A/C	010/5327999	Technician	ı
17	Scham Naguib Tawfik	Cairo	0101861	Ref& A/C	02/5566462	Technician	2000
18	Magdi Abd El Salam	Cairo	103896	Ref& A/C	02/2316223	Technician	1985
15	Yasser Amr Hanafi	Cairo	0101551	Ref& A/C	02/4107962	Technician	1984
20	Mamdouh Aly Aly Osman	Assuit	2500714	Ref& A/C	010/5743193	Technician	1989

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No	¹ Name	Governorate	ID. No.	Majorin	Tel. no.	Current Position	Date Of Graduation
1	Mohamed Mostafa Abdo	Cairo	58608	Ref. &A/C	02/ 5691213	Technician	1971
2	Abd El Ghafour Gamal El Din	Cairo	1402091	Ref. &A/C	02/2270161	Technician	2002
3	Alaa El Din Mokhtar	Cairo	0100298	Ref. &A/C	012 4328813	ı	1994
4	Soliman Abd El Hamid Salman	Cairo	0103876	Ref. &A/C	010 1952783	Technician	2000
'n	Ațef Fayez Ahmed	Giza	96951	Ref. &A/C	012 2947458	,	ı
9	Mohamed Fayez Ahmed	Giza	2100111		012 3878012	_	ı
7	Hany Hassan Zaki	Menoufeya	106160	Ref. &A/C	010 1363813	Technician	1998
ဆင	Walid Mohamed Mohamed Shams	Cairo	101571	Ref. &A/C	02/ 2391151	Technician	1991
6	Ahmed Galess Ibrahim	Cairo	0102296	Ref. &A/C	010 9920999	1	2001
10	Sherif Mostafa Ahmed El Dahshan	Dakahelya	1217712	Ref. &A/C	059/ 4481729	Technician	1994
11	El Sayed Shaaban Ahmed El Tantawy	Dakahleya	1202377	Ref. &A/C	012 8069402	Technician	ı
12	Ahmed Mohamed Hasanein	El Kaliobeya	1404334	Ref. &A/C	013 2729959	Technician	2005
13	Ahmed Youssef El Sayed	El Kaliobeya	1401995	Ref. &A/C	02/ 4671693	Technician	1996
14	Zaki Abd El Moneim Zaki Mahmoud	Cairo	112692	Ref. &A/C	012 4063355	Technician	2002
15	Mohamed Gamal Ahmed	El Menya	12400076	Ref. &A/C	010 8781394	Technician	2004
16	Adel Ahmed Radi Ahmed	El Menya	79682	Ref. &A/C	010 7926569	Technician	1990
17	Ahmed Raafat Abd El Gaber	Fil Menya	2401959	Ref. &A/C	012 4848848	Technician	2002
18	Meichel Adel malak	El Menya	2400032	Ref. &A/C	012 4070750	Technician	2006
19	Zarif Tobia	El Menya	2402476	Ref. &A/C	086/7711548	Technician	1972
20	Mena Adel Malak	El Menya	2400191	Ref. &A/C	010 7971743	Technician	

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Forty	Forty First Training Course						
No.	Name	Governorate	ID. No.	Majorin	Tel. no.	Current Position	Date Of Graduation
-	Mohamed Abd HI Davem	El Menva	1 2403236	Ref. & A/C	08/ 67718153	Technician	2002
-	Rapah Morsy Ahmed Darvesh	Beny Sweif	2201299	Ref. & A/C	082/7541746	Technician	1988
	Saved Farouk Ahmed Osman	El Menya	2401632	Ref. & A/C	086/7661741	Technician	2001
4	Lewis Latif Habib	El Menya	22400885	Ref. & A/C	086/7820013	Technician	1980
'n	Isak Latif Habib Boktor	Assuit	3500134	Ref. & A/C	088/ 7824977	Technician	1981
9	Nabil Barzik Boshra	Samalout	49928	Business Adm.(Ref. & A/C)	086/7724398	Technician	1985
7	Mohamed Shehata El Sawy	El Menya	2401375	Ref. & A/C	086/7721533	Technician	1998
∞.	Rabee khalaf Abd El Fodel	El Menva	2401251	Ref. & A/C	086/7640768	ŧ	1989
6	Mohamed Saad Abd El Hamid	El Menya	2403373	Ref. & A/C	010 8140133	Technician	1998
100	Ahmed Sayed Mohamed	El Gharbeya	1601332	Mechanical Power (Ref. & A/C)	012 7450683	Technical Manager	1992
111	Mohamed Aly Mohamed Aly	Dakahleya	1202175	Ref. & A/C	012 6826308	Technician	2000
12	Hussein Mohamed Hussein Eid	Dakahleya	1200034	Mechanics (Ref. & A/C)	010 9552828	Technician	1964
13	Refaat Abd El Latif Mohamed	Cairo	0101516	Ref. & A/C	010 1231075	Ref. Technician	1996
14	Hossam Fawzy Hassan	Aswan	280553	Ref. & A/C	010 3753617	Technician	1993
15,	Mahmoud Khairy Maghraby Mansoyr	Qualiobeya	. 1	Ref. & A/C	010 3904752	Technician	
10	Mohamed Soliman Mohamed	Мепобеуа	170539	Ref. & A/C	012 9057092	Technician	1997
17	Walid Mohamed Ramadan	Sharkeya	27300	Maintenance(Ref.&A/C)	012 3307548	Maintenance Ref. &A/C	1994
18	Mohamed Mohamed Abdelzaher	Cairo	110737	Power (Ref. & A/C)	012 3062929	Quality Eng.	2004
19	Fadia Hassan Kotb Ragab	Menofeya	1701441	Chemistry (Ref. & A/C)	010 1985450	Enviromental Inspector	1997
20	Adel Abd El Hay Abd El Hamid	Cairo	101751	Ref. & A/C	012 3168863	Maintenance Tech	1987

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ror	Forty Second Training Course						
Š	Name	Governorate	ID. No.	Major in	Теі. по.	Current Position	Date Of Graduation
	Abd El Fattah Abd El Hamid Abd El Fattah	Sharkeya	1301236		010 8860355	Recovery Tec.	1987
2	Ahmed Abd El Tawab Mohamed Osman	El Fayoum	2301016	Ref. & A/C	012 7811866	Technician	1986
3	Ahmed Samy Abd El Moneim Mohamed	Cairo	0105477	Ref. & A/C	010 8252714	Engineer	
4	Osama Ahmed Mohamed Abou El Ghaz	Cairo	4879	Ref. & A/C	012 2783186	Technician	1987
Ŋ	Ahmed Mostafa kamel Ahmed	Qualiobeya	1401938	Rcf. & A/C	012 3812708	Technician	1995
9	Mohamed Mohamed Shaaban Mohamed	l Giza	211831	Ref. & A/C	012 6169653	Technician	
7	Mohamed Fatallah Abd El Gawad	Мепоѓеуа	1701736	Ref. & A/C	012 5667972	Technician	2000
ဆ	Khaled Ahmed Selim Mostafa	Sharkeya	1302555	Ref. & A/C	012 3151597		2002
6	Akram Abd El Moneim Abd El Rahman	Menofeya	86603	Power(Ref.&A/C)	010 8391957		1994
10	Ahmed Ghareeb El Sayed Hassan	Sharkeya	1302255	Ref. & A/C	055/5681498	Technician	1990
11	Sherif Hussein Abd El Hamid	Cairo	801275	Rcf. & A/C	010 1574808	Maint. Tec.	1993
12	Walid Aly Ibrahim Abd Allah	Sharkeya	2337	Rcf. & A/C	012 6963644	Technician	2001
13	Mahmoud Abd El Rafee Sanad Talch	Sharkeya	ı	Power(Ref.&A/C)	012 3076443	Ref. & A/C Training Eng.	1987
14	Khaleed Abd El Naser Badawy Mohamed	Giza	2103578	Ref. & A/C	010 2328115	Technician	1992
15	Mohamed Saad Ahmed Ibrahim	Cairo	30102857	Equipments (Ref. & A/C)	012 2780112	Technician	1975
16	Emad Saber Abou Seif Botross	Kena	2701411	Power(Ref.&//c)	012 2191274	Quality Eng.	1998
17	Mohamed Ashour Mostafa	Cairo	104151	Ref. & A/C	012 3857930	Teacher&Trainer	1994
18	Khaled Ramadan Hussein El Sayed	Giza	2100538	Ref. & A/C	010 3750841	Teacher	1999
19	Hazem Monir Ahmed Zeyad	Souhag	2602593	Ref. & A/C	012 5652458	Teacher	1992
20	Khaled Mohamed Osman Mostafa	Giza	2101778	Ref. & A/C	012 3821509	Technical Ref. & A/C Teacher	1994

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Forty Third Training Course

ġ Z	Name	Governorate	ID. No.	Major in	Tel. no.	Current Position	Date Of Graduation
	Mahfouz Ibrahim Eskandar	Beny Sweif	2200978	Ref. &A/C	082/7200426	1	1994
7	Mohamed Saad Abas	Cairo	165251	Ref. &A/C	012 4034060	Technician	1994
3	Amr Aly Farghaly Ahmed	Giza	2101396	Ref. &A/C	012 5446342	Ref. &A/C Teacher	1992
4	Hussein Mohamed Radwan	Kena	2700371	Ref. &A/C	010 4399156	Ref. &A/C Teacher	1988
5	Adel Awad Ibrahim	Giza	2101958	Ref. &A/C	012 3587317.	Ref. &A/C Teacher	1993
9	Ahmed Mohamed El Awady	Qualiobeya	1401178	Ref. &A/C	010 234589	Technical Teacher	1992
7	Mostafa Mohamed Ahmed	Qualiobeya	36005	Ref. &A/C	012 2756721	Technician	1992
∞	Ayman Abd El Azcem	Cairo	0104412	Rcf. &A/C	02/4383414	Ref. &A/C Teacher	1989
9	Taha youssef Mohamed	Cairo	101878	Ref. &A/C	012 4656879	Ref. &A/C Teacher	1991
10	Youssef Said Mohamed	Qualiobeya	1401539	Ref. &A/C	012 3662427	Ref. &A/C Teacher	1992
11	Ashraf Mohamed Hussein Aly	Cairo	100811	Ref. &A/C	010 7916510	Teacher Ref.& A/C	1991
12	El Sayed Abd El Naby	Sharkeya	ı	Ref. &A/C	012 5794244	Ref.& A/C Teacher	1994
13	Bassem Mostafa Said	Cairo	101974	Ref. &A/C	010 5812270	Technician	1988
14	El Gohary Youness	El Gharbeya	1603131	Ref. &A/C	010 9197801	Technician	1
15	Mostafa Ramadan Mostafa	Cairo	102013	Ref. &A/C	012 5776233	Technician	1983
16	Amr Fahmy Abd Elaal	Cairo	ı	-	010 6699357	Technician	1987
17	Wael Kamal Rezk Saweres	Giza	211166	Ref. &A/C	012 7335084	Technician	2003
18	Mahmoud Mohamed	Cairo	103736	Ref. &A/C	012 5494207	Technician	1989
19	Mohamed El Syed Abdallah	Qualiobcya	1400958	Rcf. &A/C	012 3497289	ŀ	2001
20	Mohamed Ragab Ramadan	Beny Sweif	200996	Rcf. &A/C	010 7303921	Technician	1998
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Dare Of	Graduation	1991	2001	1995	1983	1979	1998	1984	2004	2003	ı	1984	1991	1996	1982	1979	1996	1984	1984	1978	1984
	Current Position	Technician	Engineer (I.E.P) Co.	Technician	Technician Ref. & A/C	Technician	Technician	Ref. & A/C Technician	Engineer - Alaska Co.	Mechanical Engineer	Maintenance Engineer	A/C Production Quality Controller	Director R& D Dept.	Technician	Practical Teacher	Practical Teacher	Practical Teacher	Practical Teacher	Practical Teacher	Practical Teacher	Tachnicallinacher
	Tel. no.	012 4940704	0101632572	055/6991847	0104409861	0103708227	01020346893	02/6061281	0126323118	0124343931	0123319099	010 7375628	0123934140	0123597138	02/4930654	055/3765157	0109787198	096/5216179	0104548501	0123486524	01/03/01/04/0
	Majorim	Ref.& A/C	(Ref.& A/C)	Ref.& A/C	Ref.& A/C	Ref.& A/C	Ref.& A/C	Ref.& A/C	Ref.& A/C	(Ref.& A/C)	Ref.& A/C	Ref.& A/C	(Ref.& A/C)	Ref.& A/C	Ref.& A/C	Ref.& A/C	Ref.& A/C	Ref.& A/C	Ref.& A/C	Ref.& A/C	(D of & A /C)
	ID. No.	22100216	101019	1304176	101872	Į.	0104137	0104857	0104439	71423	01301799	2100252	120	4598	١	1301136	170200	2700438	1	300274	102/19
	Governorate	Giza	Cairo	Sharkeya	Cairo	Menofeya	Cairo	Cairo	Cairo	Qualiobeya	Sharkeya	Giza	Sharkeya	Cairo	Cairo	Sharkeya	Menofeya	Кена	Gharbeya	Port Said	Charle our
6	Name	Ahmed Mamdouh Ibrahim	Mohamed Ahmed Elsayed	Mohsen Hosny Selim	Salah Mohamed Ahmed	El Sayed Aly Abd El Gawad	Wael Youssef Ragab	Mostafa Gaber Abdelrahman	Zakher Guigus Zakher	Samah Ibrahim Afifi Hatab	Abd El Fattah Alv	Mohamed Sayed Mohamed	Osama Flassan Morsy	Mohamed Safwat Ahmed	Mahmoud Emam Ibrahim	Hassan Mahmoud Mostafa	Yasser Amin Ahmed	Mohamed Ahmed Abdelmonem	Samy Abd El Fattah Badawy	Ibrahim El Sayed Mohamed	Deed Ala Allah Calah
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Forty Sixth Training Course

N _O	Name	Governomie	ID No	Major in	Tel. No.	Current Position	Date of Graduation
-	Sameh Ebrahim Maghazy	Kalliobia	1400714	Ref. & A/C	012 5465219	Teacher	1992
2	Mohamed Abdel-Alem Mohamed	Cairo	100374	Ref. & A/C	012 5093471	Teacher	1987
3	Ehab Yossef Atta Yossef	Cairo	-	Ref. & A/C	010 5486482	Teacher	1996
4	Rafaat Mostafa Mossa	Kalliobia	1401291	Ref. & A/C	010 1420512	Teacher	1992
ıc	'Ayman Ahmed Aly Mohamed	Cairo	104431	Ref. & A/C	010 8234793	Teacher	1991
9	Ebrahim Faraghally Sabra Osman	Cairo	101454	Ref. & A/C	010 2455460	Teacher	1994
7	Ragab Abdel - Tawab Said	Giza	2102171	Ref. & A/C	012 3179140	Inspctor	1987
8	Khaled Mohamed Abdelmobdy	Cairo	108778	Ref. & A/C	012 3886102	Teacher	1991
6	Khamis Mohamed Said Said	Cairo	1	Ref. & A/C	012 2823366	Inspector	1984
10	Magdi Awadallah El- Beltagy	Cairo	100610	Ref. & A/C	010 6362360	Inspector	1985
11	El Said Abdel-Naby Abdel-Aziz	Sharkia	1301432	Ref. & A/C	012 5794244	Teacher	1994
12	Mahmoud Mohamed Mostafa	Sharkia	1300872	Ref. & A/C	012 6099263	Owner SalamCo.	2001
13	Ahmed Mohamed Ahmed	Мелоба	1301303	Ref. & A/C	012 6169191	Technician	2006
14	Ahmed El-Said Abdel- All Raddy	Dakchallia	1221977	Ref. & A/C	010 8856680	Env. Inspector	2002
15	Tamer Yassen El- Said Yassen	Dakchallia	1200315	Ref. & A/C	010 1184255	Env.Inspector	2001
16	Abdin Hefny Khalil Selem	Kenna	2704451	Ref. & A/C	010 5214007	Enviromental Inspector	2001
17	Eslam Aly Aly Dawoud	Demiat	1100316	Ref. & A/C	010 4645453	Env. Inspector	2002
18	Sabry Abdel- Mohssen Mohamed	Bchaira	1800297	Rcf. & A/C	012 2638206	Env. Inspector	2002
19	Makram Abou-El-Fetouh	Giza	1	Ref. & A/C	010 3479417	Teacher.	1991
20	Ahmed Mossa Mohamed Madany	Aswan	2800332	Ref. & A/C	012 4296666	Teacher	1990

Forty	Forty Fifth Training Course						
S Z	Магле	Governorate	ID. No.	Major in		Current Position	Date Of Graduation
_	Mohamed Mohamed Elmahdv	Sharkeya	1300214	Ref. & A/C	012 9910808	Practical Teacher	1983
2	Mohamed Saved Saadawy	Cairo		Ref. & A/C	012 7945247	Trainer	ı
3	Adel Labib Kirolos	Souhag	1	Ref. & A/C	0128320886	Practical Teacher	1973
4	Mohamed Ahmed Mohamed	Cairo	102817	Ref. & A/C	0121430813	Technician	,
ľ	Youssef Mohamed Youssef	Кспа	2701291	Rcf. & A/C	097/2251080	Practical Teacher	1970
9	Saved Alv Mersal Hussein	Aswan	2800357	Rcf. & A/C	0124638736	Practical Teacher	1973
1	Adel Mohamed Ragab	Cairo	0100356	MAC	-	Practical Teacher	1975
8	Alv Mohamed Ahmed	Souhag	57716	Ref. & A/C	0102528629	Engineering Teacher	1994
6	Samir Saad Zaghlol Salch	Dameita	l	Ref. & A/C	0101447940	Vice Dean – Tech. Faculty	1975
10	Tarek Mohamed Sedik	Cairo		MAC	0104408067	Industrial Inst. Dep.	2006
11	Sayed Alimed Malimoud	Caro	101012	MAC	02/2541950	Practical Teacher	1992
12	Mohamed Mansour Ahmed	Qualiobeya	1400179	Ref. & A/C	0133410145	Teacher	1977
13	Gomaa Abd El Wahed	Cairco	102435	Ref. & A/C	0105486559	Matarcya Tec. Inst.	1980
4	Gamal Salem El Alimy	Cairo	0102779	Ref. & A/C	0104191658	Teacher.	1983
15	Tarck Ahmed Soliman	Cairo	0104277	Ref. & A/C	0125713455	Teacher	1993
192	Adel Abd El Aziz El Emam	Menofeya	1700432	Ref. & A/C	0123544843	Ref. & A/C Section -	1981
17	Hany Fouad Gaballah	Cairo		Ref. & A/C	02/4576136	Teacher	1993
18	Mohsen Mohamed Fathy Ibrahim	Port Said	300253	Ref. & A/C	0105632546	Practical Teacher	1978
19	Mostafa El Sayed Hussein	Kena	2701377	Ref. & A/C	0123113257	Practical Teacher	1984
20	Mohamed Emain Ibrahim	Cairo	1	Ref. & MAC	02/4930654	Technician	1982

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Forty Seventh Training Course

7	Graduation	2004	1982	1994	ı	1985	1995	1996	1997	1988	1987	2002	1977	1993	1987	1992	1	1	2004	1963	1998
	Current Position	Technician	Technician	Teacher	Technician	Teacher	Teacher	Technician	Teacher	Inspector	Teacher	Technician	Engineer -	Technician -	Teacher	Teacher	Goldi Comp.	Student	Student	Manger	Teacher
	Tel. No.	010 5201585	012 5062249	012 6486138	012 7177435	012 2412650	010 3708989	012 5491522	010 6960626	012 3554351	02/ 2060872	012 2343455	010 6951075	,	010 1312322	1	010 1288688	02/ 2564819	012 1615424	012 4420891	012 4272437
	Major in	ı	Rcf. & A/C	Ref. & A/C	,	Ref. & A/C	Ref. & A/C	1	Ref. & A/C	(Ref. & A/C)	Ref. & A/C	Ref. & A/C	(Ref. A/C)	Ref. & A/C	Ref. & A/C	Ref. & A/C		Ref. & A/C	Ref. & A/C	1	Ref. & A/C
	D. No.	2102691	103155	102133	103037	1100131	104294	2855	1402476	2200832	102371	100437	101611	106511	2400238	2201156	127952	102576	1415592	1700831	2101411
	Governomte	Giza	Cairo	Cairo	Cairo	Demiat	Cairo	Cairo	Kalliobia	Beni- Sewif	Cairo	Cairo	Cairo	Cairo	Minia	Beni- Sewif	Cairo	Cairo	Kalliobia	Menofia	Giza
	Name	Mahmoud Ashour Mahmoud Salch	Said Abdel Fattah Bahady Hassan	Ayman Ahmed Mohamed Ahmed	Emad Hussen Ahmed Ahmed Hussen	Wohamed Ebrahim Ahmed Mohamed	Aly El-Din Fares Aly Hawash	Ashraf Said Ramadan Gomaa	Aly Mohamed Omer Kassem	Mahmoud Mostafa Taha Mostafa	Abdailah Farouk Abdallah Mohamed Sherif	Amro Ahmed Mohamed Ahmed	Mostafa Mohamed Hamed Shehata	Amir Adel Ragab Mohamed Ebrahim	Hanafy Rabee Ebrahim Hussen	Mohamed Esmacl Mohamed Aly	Ahmed Ezz Ahmed Salah	Ramy Nabile Mchany Michael	Sameh Magdi Atia Abdel- Messch	Mohamed Abdel- Ghanny Hassan El- Wardany	Hany Abdel - Aziz Alv Hassan
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Forty Eighth Training Course

S.	Name	Сохеновис		Majoran	Tel. No	Current Pasition	Date of Graduanon
-	Said Taher Badawy	Cairo	101913	Ref. & A/C	010 5241633	Technician	1984
2	Bolis Melad Masoud Dawoud	Giza	2103974	Ref. & A/C	010 3014768		
3	Hamedyl Salama Ahmed Salama	Cairo	103657	Ref. & A/C	012 0381298	Student	1
4	Hamada Shafik Aly Shafik	Kfer El-Sheikh	1500851	Ref. & A/C	012 2764659		-
ī	Eslam Mahmoud Mostafa Mahmoud	Sharkia	1301353	Ref. & A/C	055/3693196	Technician	-
9	Ebrahim El- said El- Araby El-Said	Giza	2101897	Ref. & A/C	02/3260057	Student	
٢-	Flussant abdrabou El-Said Shalaby	Cairo	8800119	Ref. & A/C	010 6429185	Technician ,	1995
ω	Khaled Zakaria Abdel-Sadek	Cairo	101274	Ref. & A/C	012 6212025	Technician	1991
6	Ashraf El- Said Abdel El-Shenaity	Dakchallia	12003172	Ref. & A/C	012 3554351	Technician	1989
10	Mahmoud Farghally Abou-Zaid	Giza	2100494	Ref. & A/C	012 9141821	Technician	1990
11	Abdallah Edd Abdallah Mossa	Giza	2750721	Building Substances	012 4554916	1	1995
12	Tarrek Ahmed Mostafa	Giza	101993	Computer	010 6602544	Mohandis Co.	2001
13	Ahmed Mohamed Aly Aly	Giza	2101755	Ref. & A/C	010 7378296	Technician	1996
14	Wael Fathy Mahmoud Said Ahmed	Sharkia	-	Ref. & A/C	055/3700116	Technician	1998
15	Saber Mohamed Omer Eissa	Giza	2711014	Ref. & A/C	02/7105437	Technician	1994
16 :	Ahmed Mahmoud Abdel-Megid	Giza	102613	Ref. & A/C	010 5154104	Technician	1998
17	Ayman El-Amen Hamed Ramadan	Alexandria	-	Ref. & A/C	010 5644896	Technician	1998
18	Mohamed Helmy Shehab	Cairo	103895	Ref. & A/C	012 3913602	Technician	2001
19	Ahmed Sabry Ahmed Mahmoud	Aswan	2800391	Ref. & A/C	012 2183669	Technician	1988
20	Mohamed Kamal Tohamy Yosser	Cairo	100498	Ref. & A/C	010 6797754	Technician	1997
	!						

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Fc	orty	Forty Ninth Training Course						
No.	ö	Name	Governorate	ID. No.	Major in	Tel. No.	Current Position	Date of Graduation
		Badery Noshy Fawzy Said	Giza	2104013	Ref& A/C	012/8640990	Technician	autus .
2	2	Ayman Aziz Eskandar Rizk	Kaliobeya	1701872	Ref& A/C	010/9366128	Technician	1
3	2	Khairy Gouda Abdel -Mottalcb	Sharkia	1301457	Ref& A/C	012/6108355	Technician	1993
4	-	Mohamed Abdalla Ahmed Abdalla	Giza	1475	Ref& A/C	010/2233201	Technician	1992
ا ر	10	Khaled Mohamed Barbary	Luxor	1113	Ref& A/C	012/4817527	Technician	1993
	9	Emad Mahmoud Zaki Ebrahim	Cairo	103931	Ref& A/C	012/5464786	Technician	1992
	-	Waleed Soliman Mohamed Soliman	Sharkia	1301655	Ref& A/C	055/2062809	Technician	2001
50	60	Said Mohamed Abd El All Sultan	Giza	2101572	Ref& A/C	010/7352420	Teacher	1994
	6	Mohamed Mohamed Elwan	Sharkia	1300751	Ref& A/C	012/1049202	Supervisor	1994
	0	Mohamed Ebrahim Omer Aly	Beni Sweif	2500531	Ref& A/C	012/1256173	Teacher	1990
	11	Tamer Abd El Tawab Abdel Walted	Kafr El Sheikh	1501394	Ref& A/C	010/1397624	Eng.	2004
	12	Ábdel Halem Ahmed Mohamed	Gharbeya	21600175	Ref& A/C	012/4219884	Manager of Zamussi Comp	1984
<u> </u>	13	Mohamed Mahmoud Awad Abdou	Cairo	0101232	Ref& A/C	010/4168593	Technician	1988
<u></u>	41	Ahmed Esmael Farag Ahmed	Giza	,2102133	Ref& A/C	012/3340733	Teacher	1993
<u> </u>	15	Maher Mahmoud Awad Aly	Cairo	101815	Ref& A/C	010/1980852	Technician	1974
<u> </u>	16	Waleed Ahmed Hassan Aly	Cairo	102815	Ref& A/C	012/9853316	Technician	1992
	17	George Micheal Tawfic	Kaliobeya	1400774	Ref& A/C	012/3284159	Teacher	1996
	18	Sobehy Abdel Hakim Amen	Menofeya	17001352	Ref& A/C	010/6682749	quality Manager	1977
==	61	Mohamed Mabrouk	Cairo	, 103915	Ref& A/C	012/5299603	Teacher	1986
[]	20	Mohamed Mohsen Ahmed Yossef	Sharkia	1300759	Ref& A/C	055/3381667	Technician	1983

Fiftieth Training Course

		**************************************	. <u></u>				4
	Name	Governorate	ID, No.	Majorin	Tel, No.	Current Position	Date of Graduation
-	Fathy Hassan Osman Hassan	Cairo	102078	Ref. & A/C	0101883327	Privat Section	1960
2	Elyrahim Ebrahim Naeem Saad	Behaira	85538	Ref. & A/C	045/3338173	Impector	1984
2	Mohamed Said Ahmed Ahmed Said	Dakchllia	1201876	Ref. & A/C	0122643817	Impector	1987
17	El-, Said Aly Abdel Gawad Yomia	Behaira	1801174	Ref. & A/C	0121885266	Impector	8261
٠,٠	El- Said Mohamed Abou Hashem	Sharkia	1302135	Elect	0122291067	Impector	1987
9	Hanaa William Hanna Aizac	Menofia	1801737	Ref. & A/C	0106590806	Impector	1972
7	Mohamed Ahmed Mahmoud Fasla	Faioum	2300076	Mech	084/6340394	Impector	1979
∞	Yassen Abdel Gawad Awis Mansour	Beni - Seuif	2201894	Power	0120045149	Impector	1975
0	Hąmdy Aly Abdel Hamed Abou Hussen	Menofia	1701673	Ref. & A/C	0128750144	inspector	1973
2	Sherief Mohamed Gamal El- Din	Menofia	1701932	Ref. & A/C	048/2312982	Impector	1984
11	Manal El Said Hassan El Said	Cairo			0125760678	Teacher	1999
12	Nawal Said Ebrahim Abdel Megid	Giza	2101861		0126440849	Impector	1992
13	Moheb Ell Said El- Sherbiny El- Habiby	Gharbia	1601259	Power	0121045798	Impector	1977
7	Said Abdel Fattah Fathalla Abou Ghadia	Gharbia	18051	Elect	045/2211206	Impector	1975
15	Hamed Mohamed Abdrabou Abdel Gawad	Kaliobia	1403231	Ref. & A/C	0132561944	Impector	1992
10	Mohamed Hamdy Abdel Makaod Negm	Sharkia	1300292	Elect	0126672051	inspector	1983
17	Said Mohamed Mohamed Abdeallah	Gharbia	1600711	Ref. & A/C	0122430139	inspector	1972
18	Samir El- Said Mohamed Hassan	Dakehllia	1200592	Power	050/2253533	inspector	1975
19	Abdel Wahhab Mahmoud Abdel Wahhab	Bchaira	1800657	Ref. & A/C	0121385814	inspector	1989
20	Ragab Aly Abdel Hallem Said	Giza	2101056	Ref. & A/C	02/5892260	inspector	1975

So.	Name		Ξ. S.	Мајог ш	Fel. No.	Current Position	Date of Graduation
1	Mahmoud Adel Ahmed Mohamed	Cairo	101737	Ref. & A/C	02/4275428	. Tech	1994
2	Emad El- Din Abdrabou Mahmoud	Cairro	102353	Mech	0124553917	Manger Of Zanussi Co.	1986
3	Mohamed Mamdouh Said Nagy	Giza	2100179	Mech	0126060661	Tech	1996
4	Hussen Abdel Waheb Abulfottoh	Sharkia	1301519	Ref. & A/C	0123919804	Super Faizer	1992
5	Mohamed El- Said Mohamed El- Said	Cairo	0102432	Mech	0126380439	Tech	2003
9	Ussama Abass Emam Mahmoud	Kalliobia		Ref. & A/C	0122849218	Tech	1989
7	Shaaban Farouk Said Mohamed	Aswan	2800215	Maintenenc	0105438576	Tech	1987
æ	Ashraf Mohamed Saleh Attia Ahmed	Sharkia	1301572	Mech	0161407716	Eng	1992
6	Salah Ebrahim Amer Mohamed	Giza	2100815		0120086361	Tech	
10	iMostafa Abdel Mawlia Mostafa	Menofia	1702093	Ref. & A/C	0105606882	Tech	1988
11	Hassan Fathy Nour El- Din Shehara	Kalliobia	1401951	Quality Inspector	0104774895	Tech	1999
12	Said Abdel Moneem Rfaey Ebrahim	Sharkia	1301193	Ref. & A/C	0107986204	Tech	1985
13	Mohamed Said Mohamed Said	Cairo	105795	Ref. & A/C	0107074504	Tech	1998
14	Mohamed Ahmed Ahmed Mohamed	Dakchllia	1201534	Ref. & A/C	0104205689	Tech	1998
15	Wael Hassan Ebrahim Hussen	Cairo	122716	Ref. & A/C	0105404784	Tech	1994
16	Mostafa Mohamed Barbary Gadallah	Giza	1	Ref. & A/C	0120307760	Steel Master Comp	1995
17	Mostafa Aly Rawy Mohamed	Cairo	2702511	Ref. & A/C	0106604802	Tech	1998
18	Abdel Gawad Mohamed Awad	Kalliobia	1401832	Ref. & A/C	0101610193	Tech	1992
19	Wael Abdel Hak Abdel Azeem	Cairo	0100771	Computer	02/4630900	Tech	2002
20	Ahmed Hamed Ahmed Bendary	Sharkia	1300035	Ref. & A/C	0128438137	General Impector	1990

Fifty Second Training Course

COORDINATION WITH ICCT COMPANY:

A contract has been signed up between the RTI Company-the supplier of the equipments- and the ICCT Company for consultations.

This contract aims at introducing ICCT Company experience in operating the modern R&R equipments to the trainers who will be responsible for the training courses during the training program.

In addition to this and in coordination with the ICCT Company, a delegation of their experts visited Gairo, and held a training program for trainers on the use of the new equipment during the period 22-26/11/2006.

The trainers have been trained during this training course on all types of RTI equipment that have been supplied.

It has been agreed with ICCT experts' delegation upon another visit to Cairo to evaluate and assess the performance of the trainers and to introduce the new technologies of retrofitting refrigeration units.

And, Icct Company has made its second visit to us during the period 20-26/12/2006. The RTI delegation has continued its role in introducing the modern technology in the maintenance and servicing of the Ref. & A/C units.

I would like to seize this opportunity to express my deep thanks for UNIDO for choosing RTI Company as we really have great benefits and experiences from it were not available for us before.

Concerning this second training, it dealt with many themes of which the most important were:

A. Retrofit:

- Retrofitting a unit from using R-12 to using R-134a.
- Retrofitting a unit from using R-22 to using R-407c.

B. Welding:

- · Different safe methods of welding.
- · How to test welding.

Finally, I would like also to thank the UNIDO team in my name and on behalf of all the trainees on the successful choice of the ICCT Company which has also transferred to us its great experiences in the field of maintenance and servicing, Find in attach a report on ICCT Company Experts Visit.

TECHNICAL REPORT OF THE TRAINING COURSES:

C. Course Location:

• The training courses were held in 13 different training centers distributed among 8 governorates from all over Egypt:

Serial	Governorates	Training Centers	
1	Giza	Leading Training Center (Giza School)	
		Abdeen Training Center	
		Faculty of Technology (Sahafa)	
2	Cairo	Faculty of Industrial Education (Cairo)	
2	Cairo	Faculty of Technology (Mataria)	
		Armed Forces Training Center	
		Sharabeya Training Center	
3	Port Said	Faculty of Technology (Port Said)	
4	Sharquia	Faculty of Technology (Zagazig)	
5	Alexandria	Shatby Training Center	
6	Menya	Etsa Training Center	
7	Aswan	Aswan Training Center	
8	Qaliobeya	Shoubra Metal Center	
TOTAL	8 Governorates	13 Training Center	

- The courses started at 9:00 am till 6:00pm (during practical sessions & due to the number of trainees and technicians, training sessions sometimes ended at 9:00pm)
- Coffee break usually lasted for half an hour after the first lecture; hunch break was for half an hour according to the time schedule for each day.

D. Training Materials Used:

- The book "The introduction of new technology for servicing and maintenance of refrigeration and A/C units".
- Handouts (Refer to Appendix 5 in the First Interim Report).
- Video film and CD.
- · Presentation shown using data show.
- Transparencies, overhead projector.

E. Theoretical Course:

Refrigeration Fundamentals: Refrigeration Fundamentals:

- Explain temperature in degree Fahrenheit and degree Celsius
- Explain heat & BTU
- Describe latent and sensible heat
- Define pressure
- Define saturation point
- · Explain superheat & sub-cooling
- Understand pressure & boiling points
- · Read the compound gauge and high pressure gauge
- Explain perfect vacuum
- Explain refrigeration cycle
- Identify different types of evaporators
- Understand temperature difference for air conditioning evaporators
- Understand condensers
- Accessories for refrigerant circuits

Refrigerants:

- · Recognize refillable, non refillable and recovery cylinders
- Explain cylinder capacity and cylinder color
- · Know the difference between pure, isotropic, and zeotropic blends
- Using nitrogen
- Describe leak detection methods
- Explain use of vacuum pumps and evacuation procedures
- Explain the charging procedures
- Understand zeotropic blends and lubricants
- Work with bubble point and dew point
- · Use saturation tables for zeotropic blends
- Use proper lubricants for refrigerant blends

Refrigerant Controls:

- Capillary tubes
- Flow control valve
- Explain TXV

Some of the trainers from each group had information about saturation, temperatures and how to use the tables to calculate superheat and sub-cool. Same_about micron gauge during vacuum or how to recover the refrigerant during maintenance and re-using it in the same circuit.

They were also introduced to charge by volume and by weight. Many of them had idea about thermostatic expansion valve, how to adjust it and how to charge from R12 to R134a. They lack the knowledge of the 400 refrigerant families, ODP & HGWP.

We were asked to explain the PCB for air-conditioners.

I. The Practical Course:

All available equipment was used. Equipment was of good quality and thus, facilitated the smoothness of the sessions.

Equipment Available At the Lab:

- 36 refrigerators R12 -R134a.
- 64 split air conditioner using R22
- 53 window air conditioners using R22.
- · 21 condensing unit using R404a & R407c.
- 22 cooling unit using R502 and R12 available.
- 31 water coolers using R12.
- 14 Ice machines using R404a.
- 125 A/C units
- 70 Refrigeration units
- 50 Chillers
- 101 Commercial Ref. units
- Measuring & Security equipments

Trainers were divided into 4 groups. In the beginning they measured the superheat and sub cool (if possible) and current. They used tables, pressure gauge, temperature sensors, and clamp ammeter. They also checked leak in the circuits by electronic leak detectors.

After they became familiar with the equipment, we explained how to recover the refrigerant charge then they started to recover the refrigerant in 12 units (refrigerators and air conditioners) using the recovery unit and MAC unit for cars.

They used nitrogen and checked again for leak by using soap this time. After that they purged the nitrogen to air, they started to evacuate the systems from air up to 300 micron, using the

electronic micron gauge. They evacuate the graduated charging cylinder and filled it with the required amount of refrigerant.

They charged the system on three or four steps measuring after each step temperature, superheat, current, etc.

After charging the system with the right quantity of refrigerant, they measured the performance of the system, then they were asked to add more charge and check what the result is. They discovered many mistakes during their previous way to charge capillary tube system.

During charging air conditioners, they discovered that storage of 30gm can be critical and can reduce the efficiency of the air conditioning unit.

Also they retrofit R12 refrigerator by R134a. They adjusted the supper heat for TXV.

They measured the micro farad for capacitors. They worked with PCB's for different types of air conditioners.

Each group worked as a team, they divided the work between them.

- Explain temperature in degree Fahrenheit and degree Celsius
- Explain heat & BTU
- Define pressure
- Explain superheat & sub-cooling
- Explain perfect vacuum
- Explain refrigeration cycle
- Accessories for refrigerant circuits

Refrigerants:

- · Recognize refillable, non refillable and recovery cylinders
- · Know the difference between pure, isotropic, and zeotropic blends
- Using nitrogen
- Understand zeotropic blends and lubricants
- · Use saturation tables for zeotropic blends
- Use proper lubricants for refrigerant blends

Refrigerant Controls:

- Capillary tubes
- Flow control valve
- Explain TXV

· Demonstrate how to adjust superheat setting

Recovery, Recycle, Reclaim (RTI Equipment):

- · Refrigerant specifications
- Refillable refrigerant cylinders
- Refrigerant recovery methods
- Basic refrigerant recovery
- Recovering/ recycling systems
- RTI model refrigerant recovery unit
- · Recycling machine maintenance
- · Reclaim procedures

Trade Tools & Test Equipment:

- Charging stations
- Electronic vacuum gauge
- · Programmable charging scale

Retrofits:

- Converting R12 and R502 systems to one of the replacement refrigerant, R12 to R134a
- Converting R22 systems to one of the replacement refrigerant, R22 to R407 in A/C Air conditioning

J. Level of Trainers:

Approx estmat 55% of them have practical experience in the field refrigeration and airconditioning. The remaining 45% have theoretical knowledge only.

In the first lecture, trainers were given a one-hour exam (half an hour for practical examination ad half an hour for theoretical examination) to evaluate their knowledge of the subject.

K. Attendance Rate:

The attendance of the trainers was 100% during the course

L. The feed-back of the Trainers:

Little number of the trainces and technicians from each group had information about saturation, temperatures and how to use the tables to calculate superheat and sub-cool. Same about micron gauge during vacuum or how to recover the refrigerant during maintenance and re-using it in the same circuit.

They were introduced to hoe to charge by volume and by weight. Many of them had idea about thermostatic expansion valve, how to adjust it and how to charge from R-12 to R-134a. They lack the knowledge of the 400 refrigerant families and their alternatives, ODP & HGWP.

We were asked to explain the PCB for air-conditioners.

M. The Practical Course:

All available equipment was used. Equipment was of good quality and thus, facilitated the smoothness of the sessions.

Total Quantities of Equipment Available in the Laboratories for all the Training Centers:



Workshop Report

Train the Trainer workshop of Recovery, Recycling and Charging Equipment Giza, Egypt

23rd to 25th November 2006 and 20th to 23rd December 2006

Equipment Supplier:

RTI Technologies P.O. Box 3099 10 Innovation Drive York, Pa. 17402, USA

National Training Institution

UNIVERSAL Company
For Consultation and Training
68, Mohamed Farid Abou Hadid Street
Nasr City, Cairo, Egypt

Location of seminars: Giza Electrical School

Worksop was organized by:

UNIDO, Universal Co. and the NOU – Cabinet of Ministers
Egyptian Environmental Affairs Agency

RTI project manager:

Mr. Ole Reinholdt Nielsen from RTI Technologies.

Author:

Rolf Hühren, Senior Consultant, ICCT Germany for RTI Technologies, USA

ICCT GmbH — Kronprinzenstrasse 90, D-40217 Düsseldorf Tel/Fax: 0211-342210 — Email: info@i-cct.com





Train the Trainer Worksop in Giza, Egypt (November / December 2006)



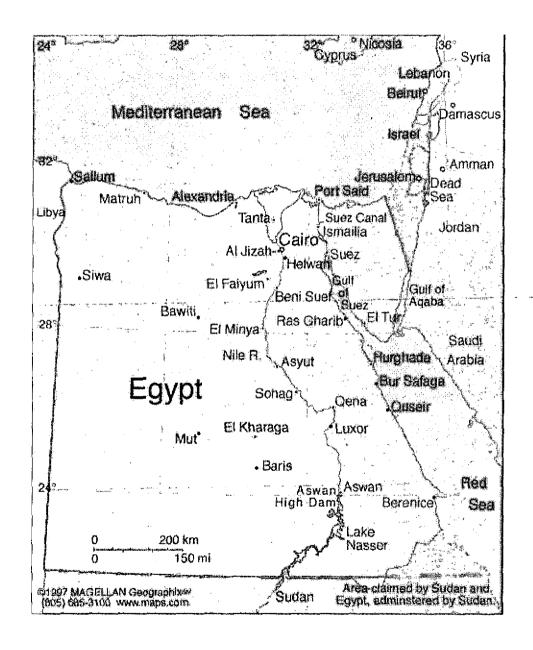


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Map of Egypt





List of acronyms and abbreviations:		
LIST OF ACT	onyms and abbreviations.	
WS	Workshop (service company)	
R&R	Recovery and Recycling	
MAC	Mobile Air- Conditioning	
RAC	Refrigeration and Air- Conditioning	
NOU	National Ozone Unit	
CFC	Chlorofluorocarbon Refrigerant like R12	
ODS	Ozone Depleting Substances	
CP/NPP	Country Program/National Phase Out Plan	
RRC 770	Refrigerant Management Center, Manufacturer RTI, USA	
TX 200	Multi Refrigerant Recovery Unit, Manufacturer RTI, USA	
RMP	Refrigerant Management Plan	
A/C	Air-Conditioner	



Executive summary

The goal of this training of trainers workshop on professional R&R equipment handling is to reduce ODS (Ozone Depleting Substances) usage in the refrigeration & airconditioning service sector in Egypt and to assist the country to comply with the phase-out schedule for CFC's under the Montreal Protocol.

The train-the-trainers workshop on professional R&R equipment handling and generic issues, such as best practices in commercial refrigeration and the sectors of MAC and AC is part of a comprehensive approach to reduce the ODS consumption in the refrigeration servicing sector in Egypt. Such approach is defined in the Refrigerant Management Plan (RMP) of Egypt, which has been approved by the Executive Committee of the Multilateral Fund to be implemented by UNIDO.

UNIDO is responsible for the implementation of the training programme on good practices in refrigeration and the implementation of the training programme on control and monitoring of ODS imports and exports for customs officers.

The completed train-the-trainers workshop on professional R&R equipment handling and other related generic issues in best refrigeration practices in Egypt was the initial workshop of this kind in the region as part of a National Refrigerant Management Plan.

The programme consists of two phases, the train-the-trainers phase and the train-the-technicians phase. The trained trainers are expected to train more than 1400 remaining service technicians in the fields of refrigeration and air-conditioning.

The long term expected result of the training programme is to enhance professional R§R equipment handling and operation on one hand, and on the other hand best service and technical practices in the refrigeration, MAC and AC sector.

This activities must assist the before mentioned sectors to switch over to non-CFC equipment in a smooth way without causing an unnecessary burden to the consumers, clients and end-user.

During the train-the-trainers workshop, 23 professionals (teachers and trainers) from several industrial and technical schools from the area of Cairo and Giza were trained on the professional R&R equipment handling and other generic issues of best practices in refrigeration and air-conditioning.



The workshop included lectures on the harmful effects of ozone layer depletion and the resulting increase of UV-A and UV-B radiation, the Montreal Protocol and its Amendments as well as lectures on CFC, HCFC, HFC and Non Fluorocarbon refrigerants, recovery, recycling equipment and preventive maintenance practices. Lectures on retrofitting and future technological developments in the refrigeration sector were also included.

Hands-on demonstrations with recovery and recycling equipment, using actual refrigeration units as well as stationary and mobile air-conditioning systems in need of recharge and maintenance were conducted as part of the training workshop.

The theoretical and practical trainer training for handling and operation of the supplied recovery, recycling, evacuation and charging equipment will bring immediate awareness amongst the technicians, both in conservation of ODS refrigerants and additional about new ozone friendly refrigerants.

All workshop sessions where conducted by photocopying of documents and copying of database of training materials and operation manuals, to be provided to the trainer.

Objectives

The-main-objective-of-the-R&R-programme-is-to-reduce-CFC-consumption-in-the refrigeration and air-conditioning sector in the Sultanate of Oman and to assist the country in complying with the phase-out schedule applicable to CFC's under the Montreal Protocol by:

- 1. Increasing participants awareness about ozone depletion and the Montreal Protocol
- 2. Increasing participants awareness about the environmental and economic benefits of recovery and recycling of CFC refrigerant
- 3. Defining selection criteria for the selected service workshops and R&R centre.
- 4. Training refrigeration technicians and trainers from the local training institutes in the use, maintenance and repair of R&R equipment
- 5. Transferring R&R equipment to the selected service workshops and R&R centres.
- 6. Creating a R&R network for CFC refrigerants
- 7. Stimulating the development of a network for information sharing throughout the sector
- 8. Helping the country to achieve the phase-out in a co-ordinated, planned and cost-effective manner
- 9. Allowing existing CFC equipment to run until the end of its economic life by using recovered & recycled CFC refrigerants
- 10. Reducing the consumption of virgin CFC-12



Background

The recovery and recycling (R&R) programme is part of a comprehensive approach to reduce the CFC consumption in the refrigeration-servicing sector. This approach is defined in the Egypt Refrigerant Management Plan (RMP).

The R&R programme is funded through the Multilateral Fund (MLF) for the Implementation of the Montreal Protocol. UNIDO manages the implementation and provides technical and policy support. During an UNIDO tendering procedure in the year 2006, RTI Technologies USA received the contract for the equipment supply, technical services and training of trainers in Egypt.

In general, the most important sector in A5 countries in which ozone-depleting substances are used is the refrigeration sector, predominantly for the servicing of CFC containing equipment. Yet, poor servicing procedures such as flushing and venting often lead to the release of significant quantities of CFCs directly into the atmosphere.

The release of CFCs during repair and servicing can be reduced and ultimately avoided through training in good practices in refrigeration and recovery & recycling. The consumption of virgin CFC refrigerants is reduced once recovered and recycled refrigerants are used for recharging of refrigeration systems instead of virgin refrigerants. The availability of recovered and recycled refrigerants will allow existing refrigeration systems to run until the end of their economic life and thus contribute to a smooth-phase-out-of-CFC-refrigerants.

However, the supply of R&R equipment and the establishment of the R&R system alone does not ensure the successful operation of the system. It must be supported by a regulatory framework including legal and voluntary measures as well as incentive schemes.

A successful RMP will ensure that recovered or recycled refrigerants can compete economically with virgin refrigerants and that recovery & recycling is profitable for the individual service companies.

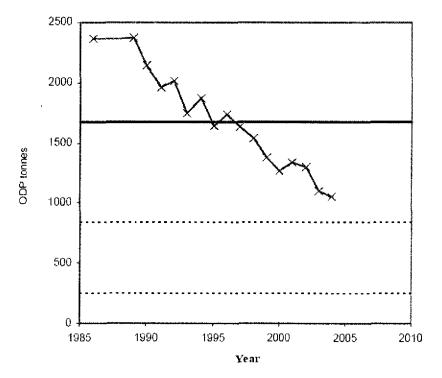
An abrupt non-availability of CFC refrigerants in the future may adversely affect the operation of important industries and will lead to disturb the overall sensitivity of cold storage chains of food, air- conditioning systems for public Institutions like hospitals and private used air- conditioner. Therefore, it is essential for CFC users to be able to reduce and subsequently phase-out their consumption in a co-ordinated, planned and cost-effective manner.

A combination of containment practices such as recovery and recycling and conversion to alternative technologies are expected to ease the economic consequences of the phase-out. Training on good practices in refrigeration and an effective R&R programme combined with prudent retrofitting and timely replacement are part of the overall phase-



out strategy and will assist the Arab republic of Egypt in meeting the control measures under the Montreal Protocol - sustaining the freeze of Annex A CFCs from 1999 and the 50% reduction in 2005, the 85% reduction in 2007 and the phase-out in 2010.

Trend in Production and Consumption Annex A Group I - CFCs





Content of the workshops (seminars)

The training agenda was designed to ensure that the objectives set out for the seminar (see Section 2) were achieved.

The training workshop (seminar) included (but was not limited to) the following objectives.

- Introduction and demonstration of RTI refrigerant handling equipment.
- Safety recommendations and advices.
- Practical training of operation and maintenance of the supplied equipment.
- Partially related to the supplied equipment a theoretical and practical training about best practice of the use of the supplied equipment.
- Increasing participant awareness.
- Introduction and demonstration of procedures that eliminate refrigerant emissions during preventive and unscheduled maintenance and repair of CFC based refrigeration, air- condition and MAC systems.
- Introduction and comparison of new refrigerants like HFC's and HC's
- Impact of refrigerants (CFC, HFC, HC) in view of the environmental Global Warming process
- Impact of bad practices, maintenance and poor servicing equipment in view of the environmental Global Warming process
- Theoretical and practical training in retrofit procedures
- Theoretical and practical training in copper tube brazing
- Participants brazing procedure test according EN regulation DIN 13133 (examination)
- Theoretical an practical training on skills and knowledge for domestic refrigeration

During the sessions, time was allocated to encourage discussion and feedback of the content, technological changes and methodology used



___ Participants

In total 30 participants attended the R&R workshop. The list of participants is provided with annex B of this document.

The instructors for the workshop:

First workshop session 23rd to 25th November 2006 Mr. Rolf Huehren and Mr. Dennis Huehren from ICCT Co. Duesseldorf, Germany

Second workshop session 20^{th} to 23^{rd} December 2006 Mr. Rolf Huehren



Agenda for the first R&R workshop session in November 06

Wednesday, 22nd November 2006

1100110000J, EE	, 10.0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
07:20	Departure from Duesseldorf, Germany via	Dennis Huehren
	Paris to Cairo	Rolf Huehren
19:05	Arrival at Cairo airport	
	Welcome at the airport and delivery of to the	
	hotel by Universal Co.	

Thursday, 23rd November 2006

	inursday, 23° No	verliber 2000	
	08:45	Arrival at Giza Electrical School	Dennis Huehren
	09:00 – 11:00	Introduction at Giza Electrical School	Rolf Huehren
		Briefing with Mr. Walid Alsammak (NOU) and	
		Mr. Edward I. Fahmy (Universal Co.) and	, .
i		members of Giza Electrical School	
	44:00 40:20	DTI agripment shock and site preparation	
	11:00 – 12:30	RTI equipment check and site preparation	
		Preparation of the seminar locality Preparation of the seminard.	
		 Preparation of the equipment Preparation of leaflets and printouts 	
		Preparation of database and	
		softcopies	
		Selledpies	
	13:30 - 17:00	Power Point presentation	
		R&R Strategy and environmental	
		aspects	
- [Safety and Containment 	
		Discussion	
	17:45	Arrival at Hotel	



Friday, 24th November 2006

⊢riday, ∠4‴ Noven	ibei 2006	
08:45	Arrival at Giza Electrical School	Dennis Huehren
09:00 – 09:30	Review of the first day .	Rolf Huehren
09:30 – 13:00	Power Point presentation and introduction of the RTI R&R equipment • RTI RRC770	
14:00 — 17:00	Power Point presentation and introduction of the RTI R&R equipment TX200 Handling of the R&R equipment RRC770 and TX200 Technical components of the R&R system Equipment specifications Methods of refrigerant identification and analysis Practical instructions and exercises Discussion	
17:45	Arrival at Hotel	

Saturday, 25th November 2006

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08:45	Arrival at Giza Electrical School	Dennis Huehren	
09:00 - 09:30	Review of the second day	Rolf Huehren	
09:30 - 13:00	Power Point presentation		
	Evacuation of a refrigeration or AC system		
	 Handling of the R&R equipment RRC770 and TX200 		
	Technical components of the R&R system		
	Equipment specifications		
14:00 – 17:00	Practical instructions and exercises Refrigeration System Retrofit CFC to HFC, CFC to HC Discussion		
17:45 19:00 – 22:00	Arrival at Hotel Meeting wit Universal Co. and NOU Preparation of second workshop session in December 06		



Sunday, 26th November 2006

07:25 – 10:30 Departure to Germany Dennis Huehren
Rolf Huehren



Agenda for the second R&R workshop session in December 06

Tuesday, 19th December 2006

Tuesday, 15 De	Sceniber 2000		
12:30	Departure from Duesseldorf, Germany via	Rolf Huehren	7
	Munich to Cairo		
19:15	Arrival at Cairo airport		1
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Wednesday, 20th December 2006

wednesday, 20" L	December 2006	
08:45	Arrival at Giza Electrical School	Dennis Huehren
09:00 - 09:30	Registration of participants	Rolf Huehren
09:30 – 13:00	Power Point presentation	
	Retrofit	
	Recovery- and Retrofit-friendly plants	
	Lubricants	
	Handling of Lubricants	
	Separate Oil and Refrigerants	
	European Regulations (EN 378 -	
7	2037/2000)	
44.00 47.00		
14:00 – 17:00	Practical Experiences	
	In- depth practical demonstration	-
	Dismantling of the compressor Oil proposition by weight	
	Oil- measuring by weight	
	Identification of contaminations (Oil-Test) Visible inspection of Oil (color and	
	 Visible inspection of Oil (color and condition) 	:
	Filter-Drier replacement	
!	Necessity of Suction-Line Filters	
	Using of Nitrogen in different matters	
	esp. Oil-decanting	
	Using of a Vacuum-Pump during filling	
	procedure with oil	
	Helpful tools	
	Charging the compressor with Ester-Oil	
	Discussion	
47.45	Arrival at Hotel	
17:45		



Thursday, 21 st D 08:45	Arrival at Giza Electrical School	Rolf Huehren
09:00 - 09:30	Registration of participants	
09:30 - 10:30	Power Point presentation	
	Best Practice in Brazing	
	Discussion	
	Preparation of the seminar locality	
10:30 – 13:00	Practical instructions and exercises	
	Brazing of copper-copper connections	
	 Soft copper tubes diameter 12mm and 	
	16mm with several different expanded	
	sleeve joints	
	copper-phosphorus solder only	
14:00 – 17:00	Brazing procedure test for 31 participants	
	Assessment according EU DIN 13133 regulation	
	16mm diameter soft copper 50mm long	
	with two expanded sleeve joints	
	connected to a straight soft copper tube	
	about 50mm length each	
e -		

6-41

17:45

ICCT GmbH — Kronprinzenstrasse 90, D-40217 Düsseldorf Tel/Fax: 0211-342210 — Email: info@i-cct.com

Arrival at Hotel



Friday, 22nd December 2006

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10:00 09:00 – 16:00	Arrival at Giza Electrical School Assessment of 34 test pieces	Rolf Huehren
16:45	Arrival at the Hotel	

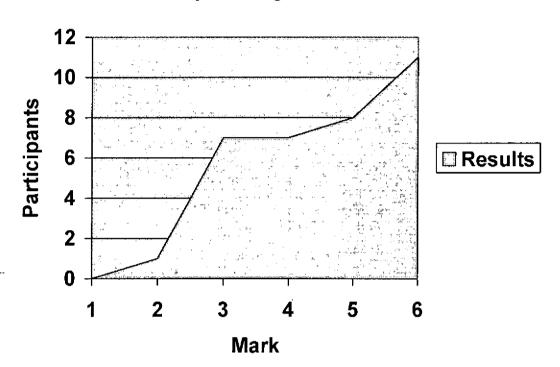
Saturday, 23 rd December 2006		
08:45 09:00 – 09:30 09:30 – 10:00	Arrival at Giza Electrical School Review of the last day Power Point presentation • Parts of Domestic Refrigeration	Rolf Huehren
14:00 – 17:00	Practical instructions and exercises Step by step demonstration and explanation	
	 Domestic refrigeration cycle error analysis and fault isolation System pressure analysis Electrical measurements Refrigeration cycle preparation Using of Nitrogen in different matters Oil change at a hermetic compressor Use of Quick Couplers "HANSEN" for domestic refrigeration System evacuation Refrigeration System Retrofit CFC R12 to HFC R134a Refrigerant charge determination Hermetic system preparation Leak test System brazing Electrical measurements Discussion	
17:45	Arrival at Hotel	

Tuesday, 26th December 2006

racoday, 20 Bookinb <u>ol 2000</u>		
10:30 19:30	Departure to Germany	Rolf Huehren



Results of the third day Brazing assessment



Basis of evaluation

Determination of assessment score in coordination with the trainers

Mark	Importance	Appraise Point in %
1	Very Excellent	90 to 100
2	Excellent	80 to 90
3	Very Good	60 to 80
4	Good	50 to 60
5	Bad	31 to 49
6	Very Bad	1 to 30

Worksop Overall Results

The objectives set out for the seminar were fully met through the appropriate design of the workshop agenda whose sessions addressed all relevant issues.



Follow-up

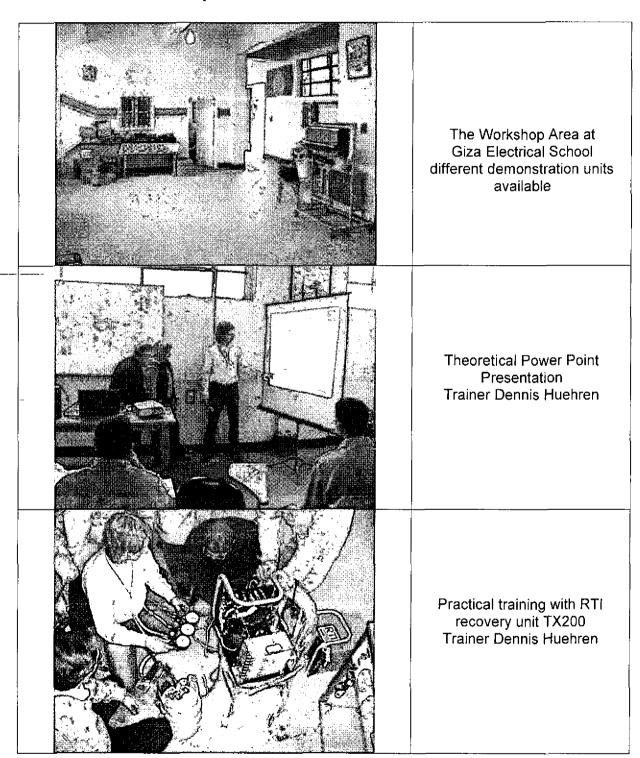
The R&R programme is part of the Arab Republic of Egypt RMP. As such, it will be accompanied by other RMP elements such as public awareness raising, training and policy development.

The NOU will establish a monitoring mechanism to ensure that the objectives of the R&R programme are met and will produce a follow-up report on the operation and performance of the R&R system after completion.

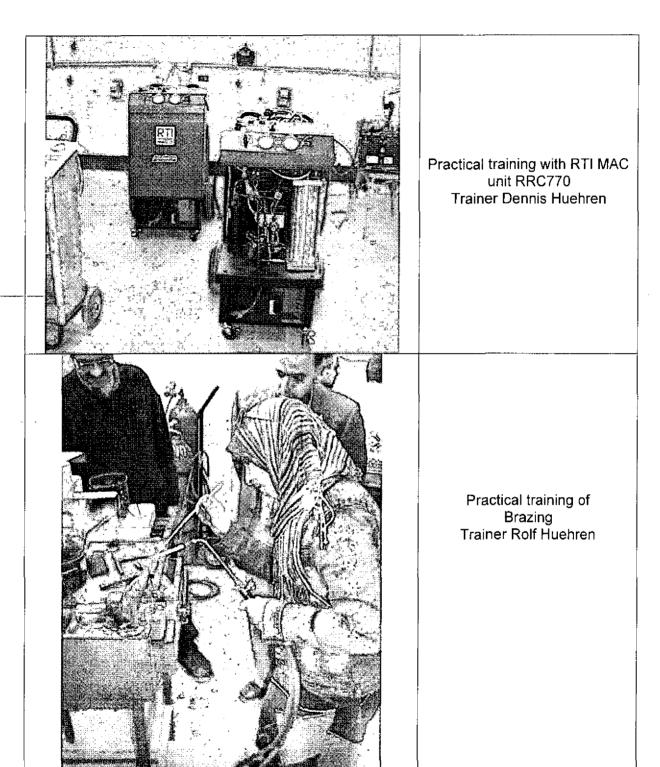
Next planned workshop for the training of technicians organized by the national NOU, the German GTZ and Universal Co. will take place in February 2007. Defined locations are training facilities in Cairo, Alexandria and Aswan.



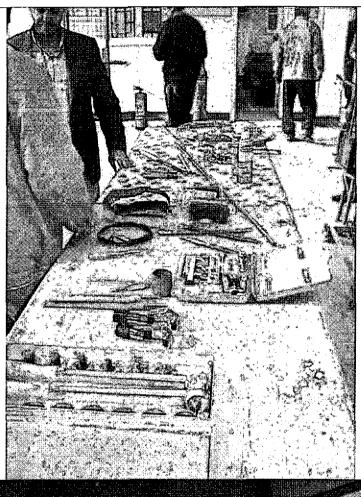
Annex A: Workshop Pictures



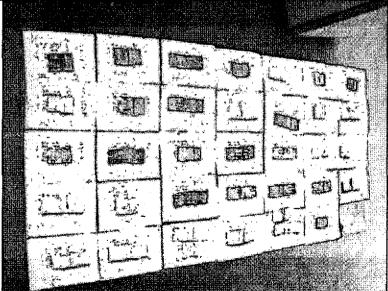




CCCT



Practical training of Brazing and copper tube treatment Trainer Rolf Huehren



Brazing procedure test according EU DIN 13133 regulation



Annex B: List of Trainers Participants

Serial	Names	Associations
1	Yasser Elsyed Selim Ali	Elbadrasheen Secondary Industrial School
2	Salah Bayoumi AbdelRahim Hekal	Bahtim Secondary Industrial School
3	Rafaat Mostafa Mousa	Bahtim Secondary Industrial School
4	Saria Ahmed Abd Elrahman	Bahtim Secondary Industrial School
5	Elsayed Abdel Nabi Abdel aziz	Elgiza Electricity Secondary School
6	Amr Aly Farghaly Ahmed	Elgiza Electricity Secondary School
7	Essam Ibrahim AbdelHamid	Elbadrasheen Secondary Industrial School
8	Mohamed Ali Ali Mohamed	Elahram Secondary Industrial male school
9	Mohamed Abdel Latif Ali	Refrigeration and A/C supervisor from the Elnozha educational sector
10	Mohamed Mokhtar Mohamed Ahmed	Galal Fahmy advanced Technical School
11	Selim Mohamed Selim El Sherif	Teacher in the Galal Fahmy advanced Technical School
12	El Mewafaq Ahmed Abou Elela Khalil	Teacher in Galal Fahmy advanced Technical School
13	Mohamed Saad Abbass Mohamed	Teacher in Elgiza Electricity Secondary School
14	Amer Elsayed Mahmoud El Sayed	Teacher in Banha Mechanical Secondary School
15	Mohamed Fouad Abbass	Teacher in Industrial Abdeen Secondary School
16	Abdel Sttar Fouad Abdel Elsattar	Teacher in Industrial Abdeen Secondary School
17	Ehab Abdel Azeem Mahmoud	Teacher in Industrial Abdeen Secondary School
18	Mahfouz rahim Eskander	Teacher in Elgiza Secondary Electricity School



19	Mahmoud Elsyed Abdel Aziz Zayed	Technician in Elagina Scenter for Mac
20	Magdy Mohamed Hassan	Elgiza Electricity Secondary School
21	Mahmoud Ashour	Elgiza Electricity Secondary School
22	Khaled Osman Mohamed	Elgiza Electricity Secondary School
23	Atef Sedik Masouad	Elgiza Electricity Secondary School
24	Albert Ibrahim Meshreky	
25	Tarek Ahmed Hassan	
26	Sammar Abdel Gabar	
27	Osama Abdel Tawab	Universal Company
28	Tarek Ahmed Soliman	
29_	Hany Fouad Gaballa	
30	Nadia Abdel Samee	