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DEPARTMENT OF LABOUR INSPECTION

MINISTRY OF LABOUR, WELFARE AND SOCIAL INSURANCE

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A. INTRODUCTION

The mission of the Department of Labour Inspection (DLI) of the Ministry of Labour, Welfare and Social Insurance is to safeguard suitable and sufficient levels of safety and health at work for all employed persons, the preservation of air quality and its improvement when it is necessary, the protection of the public and the environment by effectively controlling industrial pollution, the risks of large scale accidents as well as the risks arising from the use of chemical substances and ionizing radiation.

The achievement of the above mission is accomplished via a suitable institutional and legislative framework, raising of awareness among the employers, the workers and the general public, continuous training of the DLI's staff and close cooperation with the social partners and other stakeholders.

The DLI comprises of the Safety and Health Sector, which consists of four Sections, and four other Sections, as listed below:

- Safety and Health Sector
  - Awareness Raising and Horizontal Issues Section
  - Services and Chemical Industry Section
  - Manufacturing and Construction Section
  - Control of Chemical Substances Section

- Machinery and Equipment Section,
- Control of Industrial Pollution and Safety of Petroleum Installations Section
- Air Quality Control Sectio n
- Radiation Protection, Nuclear Safety and Radioactive Waste Management Section

The headquarters of the Department are located in Nicosia. Additionally, the Department has District Offices in Nicosia, Limassol, Larnaca, Paphos and Famagusta. During 2014 there were a total of 79 posts, out of which 10 were vacant. The administrative, secretarial, accounting and IT support staff is not included in these posts.

The Organisational Chart of the Department is shown in **Appendix I**.

The DLI has the following competencies:

1. Safety and Health at Work Sector

The Sector deals with all safety and health at work issues regarding the protection of life, limb and health of workers at workplaces as well as the protection of other persons who may be affected by work activities. The Sector's workload is carried out, as detailed below, by its four (4) Sections.

1.1. Awareness Raising and Horizontal Issues Section

The Section on Awareness Raising and Horizontal Issues was established in order to better promote the issues of information dissemination, training and awareness raising regarding Safety and Health at Work.

The Section is also responsible for the operation of the Training Centre, for monitoring the activities and obligations of the Department of Labour Inspection with regards to the European Agency for Safety and Health at Work, for the approval of the Safety Officers and the monitoring of their training as well as for the functioning of the Pancyprian Council for Safety and Health.

Additionally, the Section regulates horizontal Safety and Health issues such as ergonomic factors (e.g. manual handling of loads, monotonous work, the rate of carrying out work, the protection of safety and health of young persons, as well as pregnant, nursing and female workers who have recently given birth).

Finally, the Section handles issues regarding safety in high risk amusement areas, approved Persons who offer preventive and protective services to employers and self employed persons as well as issues regarding the Knowledge Sharing Site (KSS) network for the exchange of information on matters of safety and health at work between the competent authorities of the European Union.

1.1.1. Occupational Safety and Health Training Centre (OSHTC)

The OSHTC deals with the dissemination of information and the provision of training to employers, workers and the public in general on issues of occupational safety and health, as well as with the preparation of leaflets, booklets and other informative material. The OSHTC also organises awareness raising and information campaigns and other similar activities.

Simultaneously, the Training Centre implements training and retraining programs of newcomers and existing officers of the Department, by materializing the Action Plan conducted by the Learning Unit, after a diagnosis of learning needs.

1.1.2 National Focal Point of the European Agency for Safety and Health at Work

The Department of Labour Inspection constitutes the Focal Point for Cyprus for the above-mentioned Agency, which was founded in accordance with European Regulation no. 2062/94 and deals with information and advice on issues related to occupational safety and health.

As a Focal Point, the Department is responsible for the organisation and co-ordination of the National Information Network and participates in the preparation and materialisation of the Agency's agenda.

1.2. Services and Chemical Industry Section

This Section regulates the organisation and management of safety and health at work issues on local level, that is, within the enterprises, on district level and on pancyprian level. In addition, this Section oversees the implementation of the legislation on safety and health of employees and other affected persons in the chemical and pharmaceutical industries as well as in services, such as public administration, hotels, dining areas, information services, transport and trade.

Furthermore, the Section is concerned with issues related to risks to worker's health from their exposure to chemical, biological, carcinogenic and mutagenic agents and from their exposure to physical agents such as noise, vibration and heat.

1.2.1. Control of Major Hazards Unit

Within the Services and Chemical Industry Section, a special unit deals with the control of major accidents hazards, which may arise at installations due to the storage or use of dangerous chemical substances. The consequences of large scale disasters can be intensely perceptible to great geographic extent around installations where such substances are used or stored. Therefore, the Section aims at the prevention of accidents and/or the mitigation of their consequences to people and the environment.

1.2.2. Control of Offshore Works Hazards Unit

Within the Services and Chemical Industry Section, a special unit deals with the safety of offshore oil and gas operations. The Section aims at the prevention of major accidents and dangerous events during offshore oil and gas operations and limitation of the consequences of such events.

1.3. Manufacturing and Construction Section

The Manufacturing and Construction Section is engaged in the organization, management of safety and health at work and the safety and health requirements for buildings and equipment that must be met at the workplace. It also deals with the coordination and conducts inspections to monitor the implementation of legislation on safety and health at work in the construction industry, in the mining and quarrying industry and the manufacturing industry (metal industry, machinery manufacturing, metal recycling, woodworking industry, food and drinks processing / manufacturing, etc.) as well as in farming activities. In addition, it deals with issues regarding the prevention and protection from exposure to asbestos.

Also, the Manufacturing and Construction Section prepares manuals, guides, brochures and organizes or participates in specialized events in order to improve safety and health conditions at workplace. In addition, the Section promotes activities and actions in cooperation with the social partners and other professional bodies.

Furthermore, the Manufacturing and Construction Section deals with the promotion of action plans and activities for the improvement of safety and health at work. It further deals with the prescription of terms on safety and health issues at work as part of the process of the examination of applications for planning and building permits as well as for public sector premises.

1.4. Control of Chemical Substances Section

The Chemical Substances Section deals with issues related to the management and control of chemical products manufactured, imported, exported, used and placed on Cyprus market. This Section aims to safeguard the safety and health of those who produce, manage, place on the market or use chemical substances and mixtures in their working and domestic environment and also to protect the environment. The Chemical Substances Section's goal is to achieve complete control of dangerous chemical substances through the enforcement of the national legislation for chemicals as well as the respective European Regulations

1907/2006/EC (REACH Regulation), 1272/2008/EC (CLP Regulation) and 649/2012/EC (PIC Regulation).

The Officers of the Chemical Substances Section participate to various activities of the European Chemicals Agency (ECHA) which promote the harmonized and effective implementation of the chemicals legislation throughout the European Union. Through the participation to the various Committees of ECHA new information and developments concerning chemicals are effectively and accurately transferred to all importers, producers and users of chemicals in Cyprus in order to help them fulfill their legal obligations.

1.5. National Focal Point of the European Network for Workplace Health Promotion (ENWHP)

The Department of Labour Inspection is the National Focal Point of Cyprus for the above Network, which was established in 1996 following an initiative of the German Federal Institute for Occupational Health and Safety (BAuA). This Network consists of Institutes/Organizations of various EU Member States, engaged in the fields of occupational health and safety and public health care and aims to raise awareness, provide information and disseminate workplace health promotion good practices. As a National Focal Point, the Department of Labour Inspection participates in various projects of the Network.

2. The Machinery and Equipment Section

The Section deals with the following issues:

(a) The inspection and certification of Inspectable Machinery (IM), such as steam boilers, steam receivers, cranes, winches, overhead travelling cranes and air receivers.

(b) The enforcement of the new legislation on the operation, maintenance and periodic audit of lifts.

(c) The surveillance of the market, aiming at securing the free movement of goods on the basis of the European New Approach Directives. Such categories of products are those which fall under the scope of the Directives on Pressure Equipment, Simple Pressure Vessels, Machinery, Lifts, Personal Protective Equipment and Equipment and Protective Systems for Use in Explosive Atmospheres for which the Minister of Labour, Welfare and Social Insurance through the Department of Labour Inspection is the competent authority.

(d) The inspection of LPG installations and LPG refuelling stations.

(e) The control of legislation on the working and resting times of drivers of certain vehicles.

3. Control of Industrial Pollution and Safety of Petroleum Installations Section

The Section of Industrial Pollution Control and Safety of Petroleum Installations deals with the monitoring and control of pollution caused by substances emitted into the atmosphere during the operation of industrial installations and with issues regarding the safety of petroleum installations, so as to safeguard the protection of the safety, health and welfare of the citizens and the protection of the environment.

4. Air Quality Control Section

The Air Quality Section deals with the continuous monitoring of the concentration of various pollutants in the atmospheric environment as well as with the assessment and management of air quality, in order to secure the protection of the health and well being of the citizens and the protection of the vegetation and the environment in general.

5. Radiation Protection, Nuclear Safety and Radioactive Waste Management Section

The main objective of this Section is to safeguard the health and safety of the workers and the public from risks arising from the use of ionising radiation in various economic activities such as in medicine, manufacturing industry, construction, agriculture and research, as well as from risks that may arise from radioactivity in the environment. This Section also deals with radioactive waste management, environmental radioactivity monitoring, the safe transport and handling of radioactive materials, as well as with emergency preparedness and response to incidents involving ionising radiation and radiological accidents.

B. WORK CONDUCTED DURING 2014

1. SAFETY AND HEALTH AT WORK SECTOR

1.1. Workplace Inspections

A main activity of the Safety and Health at Work Sector consists of inspections for the enforcement of the provisions of the labour legislation within the competency of the Department of Labour Inspection and the improvement of safety and health conditions of workers at workplace.

According to the annual planning and coordination of the Safety and Health at Work Sector during 2014, specific activities and inspection campaigns were carried out.

The inspections carried out throughout 2014, concerned the control of hazards in the construction industry, in hospitals and clinics, in storage / use dangerous chemical substances installations “Seveso”, as well as the control of hazards arising from manual handling of loads and the control of the implementation of suitable safety management systems. Inspections were also carried out regarding promoting the consultation and participation of workers in safety and health issues at workplace.

Additionally, according to the annual Inspection Plan, focused inspection campaigns were carried out at specified times in predefined sectors of economic activities including the following: Manufacture of Chemical, Food and Drink Processing / Manufacturing, Agriculture, Construction as well as in the sectors of Hairdressing / Barders, Super markets / Groceries, Hotels, Restaurants, Amusement Facilities and Playgrounds. These inspection campaigns are included in **Appendix II.** To better conduct the specific campaigns, special questionnaires, informational material and instructions were conveyed to all concerned parties and were posted on the DLI website.

Also, the Department participated along with other Government Services in the planned European Joint Police Operation "Action Day on Metal Theft", of the Cyprus Police on identifying suspected stolen metal. During the day of operation 18 premises of recycling metals were inspected.

During 2014, the Inspectors carried out 4433 inspections for health and safety matters at workplaces falling under the provisions of the Safety and Health at Work Legislation. During 2013, 4094 such inspections were carried out. The table of **Appendix III** contains the inspections carried out in 2014 analytically, by economic category and district.

In the table of **Appendix IV**, data are shown regarding the 30481 undertakings (classified by district and economic activity) that are used as workplaces, which are inspected on a regular basis and which were registered in the Department’s computerized information system on 31.12.2014. In the table of **Appendix V,** data concerning the 2893 new undertakings registered throughout 2014 can be found. It is noted that during 2013, 2401 new undertakings were registered. All undertakings suspending their operations are removed from this system.

1.1.1 Issue of Factories Registration Certificates

During 2014, following the submission of relevant applications by employers, the Department of Labour Inspection issued 40 Certificates and 14 Confirmations. These Certificates and Confirmations are issued under the Factories Law, Cap. 134, provided that during the relevant inspection conducted by the Labour Inspectors, the minimum requirements of the Safety and Health at Work legislation are met. It is noted that during 2013, 31 Certificates of Factory Registration and 13 Confirmations were issued.

1.2. Prosecutions

In 2014, the trials of 19 cases concerning breaches of the health and safety legislation at workplaces were completed. The fines imposed upon those who were convicted totaled to €120.200, compared to €98.350 in 2013 concerning the trials of 31 cases.

The number of penal cases, the relevant legislation breached by the offenders as well as the fines imposed by the Courts in year 2014 in comparison to years 2011 to 2013, are illustrated in Table 1 of **Appendix VI**. Additionally, in 2014, a total of 20 new penal cases were compiled and send to the Legal Service of the Republic for approval and promotion of the penal proceedings of the accused. The Laws and Regulations based upon which the penal prosecution files were drawn up and submitted to the Legal Service of the Republic in 2014, are shown in Table 2 of **Appendix VI**.

Moreover, in 2014 the Department of Labour Inspection issued 14 Announcements regarding the convictions of physical or legal persons, imposed by the District Courts, concerning breaches of the health and safety legislation aiming to inform the public. The Announcements were published on the website of the Department and were further published in the mass media. Furthermore, the relevant Court decisions with the data of the convicted persons were sent to the Police for the updating of the relevant criminal records.

A detailed manual on the Management of Court Cases was reviewed in order to help the Inspectors, through the determination and implementation of certain guidelines on the procedures required by the Legislation and / or the Department of Labour Inspection, to handle all tasks / actions concerning the criminal prosecution of offenders and the effective management of court cases (criminal or civil).

1.3. Analysis of Notified Work Accidents and Dangerous Occurrences

1.3.1. Accidents to employed persons during their work

During 2014 a total of 1618 accidents which occurred to employed persons during their work were notified to the Department of Labour Inspection.

In **Appendices VII – XIV** an analysis of the above mentioned accidents is presented in the following way:

- The Table of **Appendix VII** presents an analysis of accidents by section of economic activity, gender, age, degree of injury and cause of accident.
- In the diagram of **Appendix VIII** accidents are categorized by sector of economic activity. As shown in the diagram, the biggest number of accidents during 2014 occurred in the sector of Hotels & Restaurants with a percentage of 24,41%, followed

by the sector of manufacturing industries with a percentage of 19,22%, the sector of Wholesale and Retail Trade with a percentage of 14,03% and the construction sector with a percentage of 11,43%.

- The Table of **Appendix IX**, presents an analysis of accidents by sector of economic activity and district.
- In the table of **Appendix X**, an analysis is presented of the fatal accidents which **occurred** during 2014, by district, economic activity and cause. In this Appendix, additionally to the accidents which occurred to employed and self-employed persons during the course of their work, accidents to self-employed persons during the normal journey between home and the place of work (commuting accident) are presented, as well as accidents which happened to third persons (not employed), but arose out of work activities. During 2014, no fatal commuting accidents have occurred to self-employed persons.
- In **Appendix XI** the annual number of notified work accidents for the period 2003 – 2014 is presented in the form of a graph.
- In **Appendix XII** the annual number of fatal accidents to employed persons during their work which were notified during the period 2003 – 2014 is shown.
- In **Appendix XIII**, accidents at work during 2014 are analyzed by cause and are categorized in five basic categories (buildings/installations, machinery/equipment, transport means, materials/substances and other causes).
- In the table of **Appendix XIV** and the chart of **Appendix XV**, the Frequency Index for 2014 [(number of accidents) / (number employed persons) x 100.000], as well as individual frequency indexes by sector of economic activity are shown.

1.3.1.1 Fatal Work Accidents

During 2014, a total of 8 fatal accidents, which resulted to the death of 8 persons, occurred regarding employed persons. These accidents are analyzed in the table of Appendix X. It is to be noted that because three of the fatal accidents which happened in 2014 were not notified to the Department of Labour Inspection till the end of the reference year this is the reason why on the Table of Appendix VII and on the diagram of Appendix XII the total number of fatal accidents shown is 5 instead of 8.

Furthermore, in 2014, the following additional 7 fatal work accidents occurred:

(a)	Fatal accidents to employed persons during the normal journey between home and the place of work (commuting accident)	1
(b)	Fatal accident to self-employed persons during the course of their work	4
(c)	Fatal accident to persons not at work	2

The above accidents are also analyzed in the Table of Appendix X.

1.3.1.2 Frequency Index of Accidents at Work

The "Frequency Index" is defined as the number of accidents per 100.000 employed persons. This Index constitutes the most reliable and comparable element for examination and analysis of the issue concerning progress levels of accidents reduction in each sector, on national and European level.

1.3.1.2.1 The Frequency Index of Accidents at Work for the Year 2014

As it is shown in the table of **Appendix XIV** and in the chart of **Appendix XV**, the Average of the Frequency Index for accidents which occurred to employed persons during the course of their work for year 2014, was 544,62. It is noted that this refers to preliminary and not final results. This is due to the fact that the "Number of Employed Persons" used in calculating the Frequency Index, is based on the results of the Labour Force Survey of the Statistical Service for first, second and third trimester (mean value) and not on the overall results (mean value) for the whole year. These data were not available at the time of preparation of this report.

In the chart of **Appendix XVI** the change in the frequency index (Annual Mean) is presented for the period 2003 - 2014, as well as the number of accidents and employed persons for the same period. From this Appendix it is concluded that the frequency index during the period 2003 - 2014 decreased by 37,54% and the number of accidents by 22,44%.

1.3.1.2.2 Adjusted Frequency Index of Accidents at Work for year 2013

The table of **Appendix XVII** presents the adjusted Frequency Indices of Accidents at Work for year 2013, which arose out of the use of corrected data, regarding the number of employed persons, according to the corresponding Labour Force Survey reports of the Statistical Service (Mean value for the whole year).

According to the data of this table the adjusted Frequency Index of Accidents at Work for year 2013 (Mean Value) was 497,33.

It is noted that in the Annual Report of 2013, Appendix XIV, the preliminary results of the adjusted Frequency Index were presented.

1.3.2. Other Accidents notified to the Department of Labour Inspection

Apart from the 1618 accidents which occurred to employed persons during their work, during year 2014, 164 more accidents were notified to the Department of Labour Inspection, according to the relevant legislation, as follows:

(a)	Accidents which occurred to **self-employed persons** during their work, leading to an absence from work for more than three calendar days	8 (0,4%)[Note]
(b)	Accidents to employed and self-employed persons, **during the normal journey** between home, and the place of work (**commuting accidents**)	73 (4,1%)
(c)	Accidents which occurred to **persons away from work**, provided that the accidents were due to work activities	83 (4,6%)

Note: *Percentages refer to the total of 1782 accidents which were notified to the Department of Labour Inspection*

1.3.3. Analysis of Notified Dangerous Occurences

In 2014, the following 3 dangerous occurrences regarding work place incidents were notified to the Department of Labour Inspection.

District	Category of Dangerous Occurrence	Number of Occurrences
Nicosia	Fire / explosion Collapse of a structure	1 2
	TOTAL	**3**

1.4. Occupational Diseases Prevention Unit

The Occupational Diseases Prevention Unit continued its surveys on the conditions and work environment at workplaces, where workers are likely to be exposed to agents hazardous to health. These surveys have been conducted by the Occupational Physician Advisor to the Minister of Labour, Welfare and Social Insurance, in close cooperation with other Officers of the Department of Labour Inspection. These surveys aimed at checking the risk assessments, as well as the preventive measures that are necessary, in order to achieve compliance with the existing legislation and to further improve the work environment so as to achieve the prevention of occupational diseases.

During the investigations of the working conditions and the working environment, in the framework of various campaigns and inspections at workplace, one case of acute bronchitis has been investigated as suspected occupational disease and one case of musculoskeletal disorder (tendinitis) has been notified by examining physician and investigated. The Cancer Registry of the Ministry of Health and the Ongology Center of Bank of Cyprus keep archives on suspected occupational diseases. 17 cases of mesothelioma that has been recorded in the above archives have been notified to the Department of Labour Inspection during 2014.

The Department of Labour Inspection is in the process of materializing an action plan for the establishment and operation of a health surveillance system of employed persons. According to the above mentioned plan, negotiations with social partners on the draft Regulations for health surveillance of employed persons will be continued.

At the same, approval of Providers of First Aid at Work training programmes is ongoing, subject to the fulfillment of the relevant provisions of the Regulations regarding First Aid at Work. The Department of Labour Inspection has also prepared draft document for the modification and improvement of the criteria for the approval of First Aid at Work training Providers. This draft document will be negotiated with the social partners.

1.5. External Services for Protection and Prevention

According to the provisions of the Management of Safety and Health at Work Issues Regulations of 2002, the employer must assess all risks at the work place in relation to the safety and health of his employees. On the basis of the findings of the risk assessment, the employer is obliged to undertake the necessary measures to safeguard employee's safety and health. In cases where the employer or any of his/her employees are not qualified or experienced to carry out the risk assessment, then the employer should seek the assistance of persons offering External Services for Protection and Prevention. Under the provisions of

the aforementioned Regulations, the said persons must have the approval of the Chief Inspector.

During the year 2014, the examination of applications submitted to the Department of Labour Inspection concerning initial approval or re-approval, continued. During the assessment of each application, the candidate's adequacy of knowledge, training, and experience in the field of risk protection and prevention, as well as a candidate's knowledge of Cyprus safety and health at work legislation was scrutinized. In 2014, the Department of Labour Inspection continued its policy of organising written examinations for attestation of the knowledge of the Safety and Health at Work legislation by the applicants. It is noted that documented competency regarding the legislation regulating safety and health at work issues, constitutes part of the Minimum Required Qualifications for approval. The relevant written exams took place in May and December of 2014.

The Director of the Department of Labour Inspection, in his capacity as Chief Inspector, granted 9 approvals during 2014, which concerned initial approval or re-approval of existing Approved Persons. Additionally, during the course of the year, 5 applications were rejected because the Minimum Qualifications were not satisfied or due to insufficient documentary evidence submission, whilst at the end of the year, 6 applications were pending, since extra evidence was requested from the applicants. On 31.12.2014, a total of 94 Approved Persons were listed in the Registry of Approved Persons.

Additionally, during 2014 a targeted inspection campaign focussing on Approved Persons was carried out, in two phases. The first phase included the inspection of relevant records / registers / equipment of Approved Persons utilised in the provision of external services of prevention and protection. The second phase focussed on the quality of deliverables to employers / self-employed persons, for work undertaken by Approved Persons, such as written risk assessments at undertakings, Safety and Health Plans at construction works, etc.

1.6. Activities to reduce work accidents and occupational diseases in the construction sector

1.6.1 Joint Policy Statement of the reduction of work accidents and occupational diseases in the construction sector

Under the Joint Policy Statement on the reduction of work accidents and occupational diseases in the construction sector, the Department of Labour Inspection has prepared an Action Plan which is implemented from 2013, in order to promote the recommendations of these Working Groups. Under this plan, the Department of Labour Inspection forwarded relevant actions, taking into account the recommendations made by these Working Groups, as follows:

<u>Working Group 1:</u> Integration of safety and health issues during the procurement procedures for the design and execution of construction projects (Coordinator: The Cyprus Scientific and Technical Chamber).

(a) Through consultation with the Joint Building Contracts Committee of Cyprus and the Permanent Committee of Technical Projects, the amendment of their contracts concerning the assignment of the execution of works in the Private Sector, is promoted.

(b) The amendment of Contracts concerning the execution of public works is promoted through consultation with the competent governmental departments and organizations of the wider Public Sector.

Working Group 2: Promotion of continuing education, training and information on safety and health at work of all workers in the construction sector (Coordinator: The Federation of Associations of Building Contractors Cyprus).

In order to examine ways of implementation of the recommendation of the Working Group 2 for continuous education, training and information on safety and health at work of all employees in construction sector and issuing to them a relevant training card, it is promoted in cooperation with the Federation of Associations of Building Contractors Cyprus the activation of the Working Group 2.

Working Group 3: Establishment of criteria on safety and health at work issues for the registration of new members or the renewal of the existing professional licenses of Engineers, by the Cyprus Scientific and Technical Chamber (Coordinator: The Cyprus Scientific and Technical Chamber).

The training on safety and health at work issues for the registration of new members or the renewal of the existing professional licenses of Engineers is expected to be included in the next amendment of the Cyprus Scientific and Technical Chamber Law.

Working Group 4: Establishment of criteria on safety and health at work for the registration of new members or the renewal of the existing professional licenses of Contractors by the Council for the Registration and Control of Contractors (Coordinator: The Council for the Registration and Control of Contractors).

The Health and Safety issues have been included in the written examinations organized by the Council for the Registration and Control of Contractors for the registration of new members or the renewal of the existing professional licenses of Contractors.

Working Group 5: Cooperation for the effective surveillance of the enforcement of the safety and health legislation in the construction sector (Coordinator: The Department of Labour Inspection).

The final text and the procedure for the adoption of the common document for the notification of construction sites have been agreed.

1.6.2 Guide for the Coordinator of Safety and Health matters at the project preparation stage

A Guide for the Coordinator of Safety and Health matters at the project preparation stage was prepared to inform the involved parties in construction projects. The Guide includes the relevant provisions of the legislation regulating the role of the Coordinator, examples and good practices, as well as the services provided by the Coordinator. The Guide aims to inform the Client (owner of the project), the designer and other stakeholders of the project so as to be able to understand the obligations and role of Coordinator and to facilitate their compliance with the relevant provisions of the legislation.

1.7. Works with Asbestos

1.7.1. Licences concerning the work of insulating or coating with asbestos

Based on the Safety and Health at Work (Protection from Asbestos) Regulations of 2006 during 2014, the licenses concerning the work of insulating or coating with asbestos of 7 companies, were re-approved.

1.7.2. Plans of Work

As the competent Authority, according to the Safety and Health at Work (Protection from Asbestos) Regulations 2006, the Department of Labour Inspection in 2014 approved particular plans of work that were submitted, with the written notice for work with asbestos, by the employers before the commencement of any works with asbestos.

1.8. Building Permits, Planning Permissions and Certificates of Final Approval

During 2014, 802 applications concerning building permits, planning permissions and certificates of final approval for premises intended for use as workplaces and/or residential units, were examined and terms concerning safety and health at work issues were imposed. Furthermore, a guidance of the requirements on safety and health issues for the planning permissions and the building permits was prepared so as to inform and facilitate the applicants as well as the designers to comply with the provisions of relevant legislation. These requirements are published on the website of the Department of Labour Inspection.

1.9. European Campaign 2013 - 2014 regarding the Protection from Slips, Trips and Falls on the Same Level

The Senior Labour Inspectors' Committee of the European Union (SLIC) has instituted the carrying out Enlightenment and Inspection Campaigns among member states aiming to achieve streamlined dissemination of information to interested / concerned parties throughout the EU. At the same time, SLIC ensures that workplace inspection campaigns being carried out in every member state are based on common inspection principles.

During 2013-14, the SLIC Campaign focused on the prevention of risks from slips, trips and falls on the same level.

In 2014, during a four month period, inspections were carried out in fulfillment of the SLIC campaign for the protection of workers from slips, trips and falls on the same level. The said inspections focused on the Hotel, Restaurant and Catering (HoReCa) sector as well as on the Food and Drink Manufacturing sector.

1.10. Safety Officers

According to the provisions of the Safety and Health at Work Laws of 1996 to 2011, each employer employing more than two hundred persons should appoint a Safety Officer who deals with the subjects of safety and health in the installations of his/her enterprise on a full time basis. The Safety Officer has to inspect the workplaces, identify and assess the hazards and risks encountered in the enterprise, organize and check the Risk and Management System, prepare risk assessment reports, participate in the meetings of the Safety Committee and train the personnel on health and safety at work issues.

During 2014, 13 new Safety Officers were approved and the total number of approved Safety Officers at the end of 2014 was 122.

1.11. Occupational Health and Safety Training Center

The main activities of the Occupational Health and Safety Training Centre are the following:

a) Organisation or co-organisation with other interested parties of training and informative programs, seminars, lectures and other awareness raising activities.

b) Implementation of training programs of existing Officers / Inspectors of the Department within the Action Plan of the Learning Unit established after the diagnosis of learning needs.

c) Training of newly employed Officers / Inspectors of the Department of Labour Inspection.

d) Organisation of the European Week for Safety and Health at Work, as well as of the Information and Inspection Campaigns organised within the framework of the Senior Labour Inspectors Committee of the European Union.

e) Development, publication and distribution of informative material aiming at increasing awareness of employers and employees.

f) Mainstreaming of safety and health into other Policy Areas, such as Education.

g) Organisation or co-organisation of Competitions aiming to raise awareness on health and safety issues.

The activities organized in 2014 by the Occupational Health and Safety Training Centre are described below.

1.11.1. Training programmes and other awareness raising activities

The activities organized in 2014 by the Training Center are broken down into the following categories:

(a) The organisation or co-organisation with other interested parties of training and informative programs, seminars and lectures addressed to:

- Newly employed persons in the Public Service
- New farmers
- Students
- Employees in the Public Service and in private companies
- Safety Officers
- External Services for Protection and Prevention

During 2014 Officers of the Department gave lectures lasting 91,5 hours on safety and health at work in 47 training programs / seminars / informative sessions, which were attended by 1853 people.

(b) The organisation of other events like:

- the organisation of the Opening Ceremony within the framework of the activities of the Safety Week, and
- the organisation of the National Information Network meeting.

1.11.2. Poster Competition 2014

A Poster Competition was organized among the students of Secondary Education with the co-operation of the Ministry of Education and Culture, for the twelfth consecutive year. The subject of the competition was «Safety and Health at Work», aiming to raise awareness on health and safety among young people.

The Poster Competition Winners were awarded during the Opening Ceremony of the Safety Week. The first prize was granted to a student of Polemidia Lyceum, Limassol, the second prize went to a student of the Archbishop Makarios III Lyceum in Dasoupoli, Nicosia and the third prize was shared by two students of Polemidia Lyceum and Agiou Nicolaou Lyceum, Limassol. The poster that was awarded the first prize was printed in A3 size and is used at schools and workplaces for awareness raising purposes.

1.11.3. Competition of Good Practice in Schools 2014

A Competition of Good Practice in Schools was organized, for the fifth time, among all schools with the co-operation of the Ministry of Education and Culture.

The Department of Labour Inspection sponsored, as every year, the Competition and the winners were awarded their prizes during the Opening Ceremony of the Safety Week. The awards of the four best entries went to the Menikos Elementary School, the 3nd Elementary School of Sotiras and the ”Iamatiki” Elementary School, for the Pre-primary & Primary Level and to Aradippou Lyceum, for the Lyceum and Technical Level.

1.11.4. Publications

During 2014, informative material was re-published and the following new informative leaflets and publications were issued:

1. Operation, Maintenance and Audit of Lifts
2. Classification and Labeling of Chorine products
3. REACH Regulation - Charcoal

Also, on the Department’s website, under section Publications, the following Guides have been published:

1. Guide for the Coordinator of Safety and Health matters at the project preparation stage.
2. Health and Safety in Electrical Laboratories.
3. Installation and Use of Electric Generators at the Workplace.

Until the end of 2014 the Department of Labour Inspection has published 121 informative publications / leaflets which are provided on the Department’s website and are available to any interested person.

1.11.5. European Campaign on the Prevention of Work Accidents and Occupational Diseases

Within the framework of the above Campaign, the European Week for Safety and Health at Work 2014-2015 was organised between the 20th and 24th of October, and the theme adopted was «Healthy Workplaces Manage Stress».

The opening ceremony of the European Week for Safety and Health at Work 2014 was held on the 20th of October 2014.

During the opening ceremony, the Good Practice Awards 2014 were granted and the Schools Awards Competition for 2014 and the Poster Competition Awards were presented.

The opening ceremony was followed by the Pancyprian Conference for Safety and Health at Work during which, two presentations were given concerning the management of stress and psychosocial risks at work.

During the Safety and Health at Work Week, Labour Inspection Officers and Labour Inspectors of the Department of Labour Inspection implemented a special programme that included visits at workplaces, participation in meetings of various Safety Committees, discussions with employees and distribution of informative material.

The following Table shows the data related to the activities during the Safety Week 2014 per District.

Visits in work premises

District	Number of Visits	Number of Participants
Nicosia	57	2354
Limassol	20	2914
Larnaca	24	221
Paphos	16	270
Famagusta	13	533
Total	**130**	**6292**

Furthermore, within the framework of the Campaign for the Prevention of Work Accidents and Occupational Diseases 2014-2015, TV stations broadcasted short films. In addition, Officers of the Department gave interviews and participated in awareness programmes.

Finally, throughout the year and within the framework of a special agreement with the Department of Labour Inspection, the employer's and employee's representative organisations published in their newspapers articles and other awareness material for the prevention of work accidents and occupational diseases.

1.11.6. Good Practice Competition 2014

The Department of Labour Inspection held the National Competition for Good Practices in the occupational safety and health sector.

Each Good Practice example submitted was to indicate in a recognizable manner the prevention of risks in the workplace. In total 11 examples were submitted. The first prize was awarded to the company CYTA for its good practice example with the title “Management of Psychosocial Risks”.

1.11.7. Social Partners Meetings

The Meeting took place on 30.04.2014 in Nicosia.

It aimed at:

- Informing about activities which took place within the framework of the European Campaign 2012-2013 on «Working Together for Risk Prevention».
- Informing about the European Campaign for 2014-2015 about «Managing Stress in Safe Workplaces»
- Defining the activities that will take place by the Partners themselves during the European Campaign for 2014-2015.

1.12. National Focal Point of the European Agency for Safety and Health at Work

The Department of Labour Inspection is responsible for the operation of the National Information Network, in which the Social Partners, as well as other organizations, soundly participate in the health and safety at work sector.

Under the framework of its duties, the Department was represented in three meetings of the Focal Points of the European Safety and Health Agency.

Within the framework of the “Oira” programme, following an agreement with the European Agency for Safety and Health at Work, the Department undertook the development of two new interactive tools for risk assessment for sector coverage of butchers and catering operations. Moreover, one new tool is under preparation related to school establishments.

1.13. National Focal Point of the European Network for Health Promotion in the Workplace “ENWHP”

The main activities of the Department of Labour Inspection as the National Focal Point of the above mentioned Network include:

1.13.1. Participation in various programmes of the Network

The Department of Labour Inspection is participating in various campaigns of the European Network for Workplace Health Promotion aiming to provide information, disseminate methods and examples of good practice that promote physical and mental health at workplace.

1.13.2. Participation in meetings of the members of National Focal Points of the Network

The Department of Labour Inspection actively participates in business meetings of the members of the National Focal Points of the Network. During these business meetings,

organizational matters, internal procedures and progress regarding the different projects of the Network are discussed.

1.14. Control of Major Accident Hazards Special Unit

Major accidents comprise the most serious form of accidents due to their dreadful consequences, not only on persons but also on the environment. For this reason, their prevention and control has been rightly given particular attention at a global scale.

1.14.1 Implementation of Legislation on the Control of Major Accident Hazards

The Control of Major Accident Hazards Special Unit implements the Control of Major Accident Hazards Involving Dangerous Substances Regulations of 2001 (P.I. 507/2001). This Unit also implements the Control of Major Accident Hazards Related to Dangerous Substances (Amendment) Regulations of 2006 (P.I. 49/2006). The aforementioned Regulations harmonize the Cyprus legislation with the provisions of the European Union Directive 96/82/EC (SEVESO II) and Directive 2003/105/EC (amending the first Directive) except of provisions related to the land use and the external emergency plans for which the respective authorities are the Department of Housing and Town Planning and the Civil Defense Services.

The Regulations aim at the prevention of major accidents involving dangerous substances and at the limitation of their consequences to people and the environment.

The Control of Major Accident Hazards Special Unit has prepared draft Regulations entitled «The Control of Major Accident Hazards Related to Dangerous Substances Regulations of 2015» in order to harmonize the Cyprus legislation with Directive 2012/18/EU on the control of major accident hazards involving dangerous substances and amending and subsequently repealing Council Directive 96/82/EC. The draft regulations have been discussed in the Technical Committee of the Labour Advisory Board and then approved unanimously by the Board.

During 2014, the Special Unit conducted inspections of all SEVESO establishments covered by the Regulations and cooperated with the Civil Defense for External Emergency Plans and with the Department of Town Planning and Housing on issues of site planning of new establishments and on building developments in proximity to existing SEVESO establishments.

Also, during 2014 the Special Unit carried out, in cooperation with an expert consultant, the appraisal of the Safety Reports of two new establishments and one revised Safety Report of an existing SEVESO establishment, which had been submitted to the Department within 2014.

1.14.2 Meetings of the Experts Group of the Seveso Competent Authorities

Within 2014, officers of the Control of Major Accident Hazards Special Unit participated in a meeting of the Seveso Competent Authorities and a meeting of the Expert Group of the Seveso Competent Authorities.

1.15. Control of Offshore Works Hazards Unit

Major accidents relating to offshore oil and gas operations are likely to have serious consequences on the workers, the marine environment and the establishments. On the 28th

June 2013 the Directive 2013/30/EU of the European Parliament and of the Council of 12 June 2013 on safety of offshore oil and gas operations was published. The Directive establishes minimum requirements for preventing major accidents in offshore oil and gas operations and limiting the consequences of such accidents.

1.15.1. Transposition and Implementation of Directive 2013/30/EU in Cyprus

In 2014 the Department of Labour Inspection was designated as the Competent Authority for the transposition and implementation of the Directive 2013/30/EU in Cyprus. Moreover, the Hydrocarbons Service of the Ministry of Energy, Commerce Industry and Tourism, was designated as the licensing authority and the Department of Environment of the Ministry of Agriculture, Rural Development and Environment was designated as the competent authority for external emergency plans.

In 2014, the consultations between the competent authorities for the transposition of the Directive 2013/30/EU into Cypriot legislation began. The main provisions of the Directive will be transferred with a new set of Regulations under the Health and Safety at Work Law.

Officers of the Control of Offshore Works Hazards Unit have prepared draft Regulations entitled "The Safety of Offshore Operations Oil and Gas Regulations 2015". Under the proposed Regulations, a Technical Committee with the participation of all involved government departments/services is established in order to advise the competent authority on security issues in the offshore oil and gas operations. Also, according to the draft regulations, an Advisory Committee is founded with the participation of the operator, the workers and the Competent Authority.

These draft Regulations came into public consultation and were discussed in the Technical Committee, the Advisory Committee and the Technical Committee of the Labour Advisory Board. The final draft as modified following the above consultation was launched at the Labour Advisory Board.

In addition, according to the provisions of the existing legislation on health and safety at work, the Department studied the Safety Report submitted by a company operating in offshore hydrocarbon prospecting in the Cyprus Exclusive Economic Zone (EEZ) and requested additional actions.

1.15.2. Meetings of the European Union Offshore Oil and Gas Authorities Group (EUOAG)

In 2014, officers of the Control of Offshore Works Hazards Unit participated in three meetings of the European Union Offshore Oil and Gas Authorities Group (EUOAG).

1.16. European and International representation in Health and Safety Issues

The Department actively participates in the work carried out by (a) The Advisory Committee on Health and Safety at Work (ACSHW), (b) the Senior Labour Inspectors Committee (SLIC) and (c) the European Agency on Safety and Health at Work (EU-OSHA).

The ACSHW advises the European Commission for Health and Safety at Work issues and comprises of three groups. The Government Interest Group (GIG), the Employers Interest Group (EIG) and the Workers Interest Group (WIG). The Department of Labour Inspection participates in the Government Interest Group.

The Senior Labour Inspectors Committee is competent for the determination of common principles of inspection on health and safety issues as well as for the development of methods and evaluation of Labour Inspectorate Systems among Member States. Furthermore, SLIC promotes the practical cooperation and information exchange between Labour Inspectorates of Member States.

EU-OSHA promotes raising awareness on health and safety at work issues. It has one Focal Point in each Member State as well as in every candidate for accession country. Focal Points are typically the national Competent Authorities on health and safety at work issues that help in the materialization of EU-OSHA work plan. The DLI is the national Focal Point for Cyprus. As a Focal Point, the Department is responsible for the organisation of the national information network and participates in the preparation and materialization of EUOSHA programme.

The Department also prepares reports on the implementation of ILO (International Labour Organisation) Conventions in Cyprus related to health and safety at work.

Some of the Conventions ratified by Cyprus falling under the competencies of the DLI are the following:

- C.81 Labour Inspection Convention, 1947 (and its Protocol P.81, 1995)
- C.119 Guarding of Machinery Convention, 1963
- C.155 Occupational Safety and Health Convention, 1981
- C.162 Asbestos Convention, 1986
- C.187 Promotional Framework of Occupational Safety and Health Convention, 2006

1.17 New Legislation for Safety and Health at Work

During 2014, the Department of Labour Inspection published the following legislation regarding Safety and Health at Work issues:

1. The Safety and Health at Work (Code of Practice for the Protection of Workers from Heat Stress) Order of 2014 (P.I. 291/2014).
2. The Safety and Health at Work (Code of Practice for the Indoor Air Quality) Order of 2014 (P.I. 519/2014).
3. Safety and Health at Work (Prevention of Sharp Injuries in the Hospital and Health Care Sector) Regulations of 2014 (P.I. 28/2014).

1.18 Chemical Substances Section

In 2014, the main objective of this Section was the enforcement of the national legislation for chemicals and of the respective European Regulations: 1907/2006/EC (REACH Regulation), 1272/2008/EC (CLP Regulation) and 649/2012/EC (PIC Regulation) on imports and exports of dangerous substances and mixtures. In addition to the above mentioned legislation, the Department aims to achieve complete control of dangerous chemical substances (either on their own or in mixtures and in products) that are imported, exported and/or placed on the Cyprus market through the implementation of two International Conventions. The Rotterdam Convention (PIC) controls the import and export of certain dangerous chemicals while the Stockholm Convention (POPs) controls certain very dangerous chemicals characterized as Persistent Organic Pollutants.

The Chemical Substances Section is also responsible for the enforcement of the VOCs (Volatile Organic Compounds) legislation to ensure that various paints, varnishes and vehicle refinishing products placed in the market comply with specific limit values for their VOCs content.

1.18.1 Participation to European and International Meetings

During 2014, the Officers of the Chemical Substances Section actively participated to the majority of the European Chemicals Agency (ECHA) Committee meetings as well as to the meetings of the Competent Authorities for Regulations REACH and CLP. Through these activities the Section is informed on all new developments concerning chemicals management and control and subsequently transfers this information to all importers, producers and users of chemicals in Cyprus in order to fulfill their obligations. During these meetings there was a close collaboration with other Member States in order to achieve a better and more harmonized implementation of the European Chemicals Legislation. Also the Department of Labour Inspection followed all the international efforts undertaken by the United Nations to control and manage chemicals (Strategic Approach to International Chemicals Management-SAICM).

1.18.2 National Helpdesks for REACH and CLP

For the effective implementation of REACH and CLP Regulations the two appointed National Helpdesks, provided constant and up to date information to stakeholders on the following issues:

- Correct classification, labeling and packaging of substances and mixtures according to CLP regulation.
- Provision, structure and content of the Safety Data Sheets, according to REACH regulation
- Chemical substances which need authorization by ECHA for certain uses,
- Specific restrictions that apply to certain chemical substances,
- Obligation to register chemical substances which are either produced or imported in quantities over 100 tons per year,
- Pre-registration of substances imported for the first time in quantities exceeding 1 ton per year and
- Obligation to notify the classification and labeling information of the dangerous chemical substances placed on the Cyprus market.

In 2014, the REACH and CLP Helpdesks answered 212 REACH and 197 CLP related questions. In addition, two new leaflets were prepared on “The Classification and Labeling of Chlorine Products” and “The Registration of Charcoal” and 30 announcements were issued to keep stakeholders informed on specific issues. Furthermore, the officers of the Chemicals Substances Section organized / co-organized or participated in 10 seminars, where stakeholders were updated on new developments related to the chemicals legislation.

One seminar was part of an ECHA training activity and another seminar was organized in Brussels by CHEMICAL WATCH, a company that provides news and intelligence to help stakeholders meet their responsibilities under the chemicals legislation worldwide, on the “Activities of the Cyprus Competent Authority and the implementation of the chemicals legislation in Cyprus”. A one-day conference was also organized on 17.7.2014 at the Department of Labour Inspection and stakeholders were informed on the obligations arising as a result of the full implementation of the CLP Regulation (on the classification and labeling

of substances and mixtures) and on the obligations for the structure and content of the Safety Data Sheets (SDSs).

1.18.3 Participation to Committees – Working Groups in Cyprus

The Chemicals Substances Section is in close cooperation with other Ministries / Departments and provides help and advice on specific issues related to chemicals.

In this framework, during 2014, the officers of the Section actively participated to the following committees:

(1) Tender Evaluation Committees at the Ministry of Finance and at the Ministry of Health, where they were involved in the evaluation of tenders related to chemical products.

(2) Council and Technical Committee related to the registration and authorization of Plant Protective Products and Biocides at the Department of Agriculture (Ministry of Agriculture, Rural Development and Environment). Also 115 technical dossiers of biocidal products (classification, labelling and SDSs) were examined by the officers of the Section.

(3) Advisory Committee for the evaluation and authorization of EU Ecological products of the Department of Environment (Ministry of Agriculture, Rural Development and Environment). In the context of the Committee activities one Officer of the DLI participates.

(4) Cyprus National Committee on Environment and Child's Health (appointed by the Ministry of Health) which coordinates and promotes actions related to the effects of chemicals on children and the environment. An Officer of the Section actively participated to seminars organized by the Committee and was involved in the preparation of information material.

1.18.4 Inspections, Chemical Analysis of samples and Prosecutions

In 2014, a total of 322 targeted inspections were carried out at undertakings where various chemical substances and/or mixtures were produced, stored or imported, such as:

- Industries producing and storing chemical products,
- Retail and wholesale stores of chemical products (construction products e.g. cement, paints, glues and solvents, cleaning products, car treatment products, swimming pool chemicals),
- Supermarkets,
- Suppliers of toys, textiles, jewelry, stationery and
- Suppliers /Distributors of other chemicals of consumer use.

The aim of these inspections was to trace companies who place non compliant products on the Cyprus market in violation of the provisions of the chemicals legislation, such as:

- chemicals that were not properly classified, labeled and packaged according to CLP Regulation,
- products that were not accompanied by the appropriate Safety Data Sheets,
- chemical substances that were not pre-registered /registered according to REACH Regulation,
- hazardous chemical substances that were not notified to ECHA according to CLP Regulation and

- products containing hazardous chemicals for which specific restrictions apply.

As a result of the specific targeted campaigns, 171 products (samples) were examined, such as:

- Textile (working uniforms) and leather articles for azodyes (carcinogens),
- Plastic toys for phthalates (toxic for reproduction),
- Superglues and other stationary (color markers) for benzene, toluene and chloroform (dangerous organic solvents),
- Leather articles (shoes and gloves) for their DMF content (sensitization) and
- Corrosive products (mainly bleaching products) for their classification, labelling and packaging elements in relation to their alkalinity (pH value).

Accordingly, the follow up actions included:

- the effective withdrawal of the non-compliant products from the Cyprus market and the warning of the importers / producers concerned,
- the publishing of detailed announcements in the local press for raising public awareness, and
- the notification of the non compliant products to the European RAPEX System.

In **Appendix XVIII** (Graph, Tables 1 and 2) additional information on the inspections of the Chemicals Sector is presented.

As a result of the above, in 2014 one company was prosecuted for breaching the national chemicals legislation as well as the REACH Regulation. This case is still pending and is expected to be completed in 2015. Also, the Nicosia District Court found one more company guilty for breaching the chemicals legislation and imposed a 2000 euro fine.

1.18.5 Data collection on chemicals

As part of the efforts to collect data for chemical mixtures placed on the Cyprus market and in order to fulfill the European obligations of Cyprus, information was collected for the following cases:

- For specific chemical substances classified as hazardous and for which information was requested by the European Commission and ECHA.
- For chemicals imported to Cyprus from third countries which were controlled for pre-registration / registration purposes according to REACH Regulation or for their classification or notification according to CLP Regulation.
- For certain hazardous chemical substances or mixtures which fall under the provisions of PIC Regulation (649/2012/EC) and a PIC notification procedure is required before export is allowed to proceed.

In line with the PIC notification procedure two export licenses were issued for substances exported to third countries.

1.18.6 National Hazardous Chemicals Registry

During 2014, the Department of Labour Inspection continually received data on dangerous mixtures placed on the Cyprus market. In accordance to article 45 of CLP Regulation, the

Department of Labour Inspection is the appointed body responsible for receiving such information in order to create a chemicals registry database. The data submitted to the Chemicals Registry include the complete and detailed chemical composition of these mixtures and the classification and labeling information on the basis of their health and / or physical effects. The information is submitted whether the mixtures are intended for the general public or for professional users. The information should be submitted as soon as the mixtures are placed in the Cyprus market by sending the completed application forms found on the Department of Labour Inspection website.

1.18.7 Harmonizing Legislation

In 2014, the Department of Labour Inspection proceeded with the amendment/replacement of the Chemicals Legislation of 2010. This was deemed necessary in order to incorporate in the national legislation, from 1.6.2015, all the changes imposed by the full implementation of the CLP Regulation on classification, labeling and packaging of substances and mixtures and the complete annulment of Directives 67/548/ EEC and 1999/45/EC.

As a result, the following draft legal documents were prepared and forwarded to the Legal Service for further examination.

1. Draft Law of "The Chemical Substances law of 201 ... "

Draft Regulations:

1. “The Chemical Substances (Infringements of REACH) Regulations of 201 ... "
2. “The Chemical Substances (Infringements of CLP) Regulations of 201 ... "
3. “The Chemical Substances (Infringements of PIC) Regulations of 201 ... "
4. “The Chemical Substances (Infringements of Regulation EC/1102/2008) Regulations of 201 ... "
5. "The Chemical Substances (Good Laboratory Practice Principles) Regulations of 201.. ".

In the proposed legislation the provisions of European Directives 67/548/EEC and 1999/45/EC, which expire by 1.6.2015, have been deleted and a new part related to the Chemicals Registry was added in accordance with Article 45 of CLP Regulation.

The above drafts were discussed and agreed at the 4th Meeting of the Pancyprian Chemicals Council which was held at the Department of Labour Inspection on June 30, 2014 and have also been put into public consultation.

The proposed new legislation improves and updates the existing legislative framework for the management and control of chemicals and also creates mechanisms and infrastructure for its effective implementation.

In addition, during 2014 the following legislation was approved and published in the Government Gazette:

1. The ratifying Law for the Convention on Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade (Ratification) (Amendment) of 2014 (L.14 (III)/2014).
2. The ratifying Law for the Stockholm Convention on Persistent Organic Pollutants (amendment) of 2014 (L. 20(III)/2014).

3. The amendment of Annex XII of the Chemical Substances (Classification, Packaging and Labelling of Dangerous Substances and Mixtures) Regulations of 2010, Order of 2014 (P.I. 36/2014).

1.19 Introduction of Fees

During 2014, two decrees were issued (P.I. 397/2014 and P.I. 490/2014), which defined fees for the following services provided by the Department of Labour Inspection:

a) Application for the issuance of affirmation to Private Hospitals
b) Application for approval of a Safety Officer
c) Application for participation in the written examinations held by the Department of Labour Inspection for attestation of the knowledge of the Safety and Health at Work Legislation by Candidates interested in Approval by the Chief Inspector to carry out External Services of Protection and Prevention
d) Application for Approval by the Chief Inspector to carry out External Services of Protection and Prevention
e) Annual fee for Approved Persons practicing External Services of Protection and Prevention
f) Provision of investigation report for an event, accident or occupational disease
g) Examination of application for granting license to execute works related to asbestos insulation or coating

2. INSPECTION OF MACHINERY AND EQUIPMENT

2.1. The Machinery Inspection & Certification Unit

The Machinery Inspection and Certification Unit operates with personnel at the Headquarters as well as at the District Offices of the Department. The Unit enforces specific sections of the labour legislation, which concern types of machinery prescribed by legislation, referred to as «Inspectable Machinery» (IM). The main activity of the Unit is the inspection of IM. Other activities of the Unit include the preparation of Reports and Certificates of Inspection, the maintenance of records for collecting the inspection fees and their subsequent follow up, the preparation, follow up and processing of legal cases, the investigation of accidents and dangerous occurrences, the preparation of new legislation, etc.

The Unit enforces the following legislation concerning the IM:

- The Safety and Health at Work Law (L. 89(I)/1996), as amended by Laws 158(I)/2001, 25(I)/2002, 41(I)/2003, 99(I)/2003 and 70(I)/2011.
- The Factories Law, Cap. 134, as amended by Laws 43/64, 32/72, 22/82, 25/89, 20/90, 220/91, 90(I)/96 and 113(I)/2013.
- The Buildings and Works of Engineering Construction (Safety, Health and Welfare) Regulations of 1973 (P.I. 161/73).
- The Occupational Safety and Health at Ports Regulations of 1991 (P.I. 349/91).

The Unit also enforces the following Orders:

- The Factories (Manner of Preparing Boilers when Cold) Order of 1957 (P.I. 809/1957).
- The Factories (Forms) Order of 1992 (P.I. 94/1992).
- The Factories (Prescribed Fees) Order of 2010 (P.I. 260/2010 dated 18.6.2010).
- The Occupational Safety and Health in Dockwork (Recognition of Approved person and Organisation) Order of 2013 (P.I. 352/2013 dated 11.10.2013).

Within the framework of the enforcement of the above legislation, the Unit provides specialised inspection services to the owners of IM which include inspection, testing and examination, according to the type of IM. Every registered piece of IM is certified at regular periods, according to the provisions of the legislation. The Inspector, depending on the work carried out, issues a Report of Examination or a Certificate of Test and Examination to the owner of the IM.

The table of **Appendix XIX** shows an analysis of the machinery inspections carried out by the Inspectors, classified by District and category of IM in the year 2014.

The table of **Appendix XX** shows an analysis of IM classified by District and category of IM registered into the Computerised Information System of the Department on 31.12.2014.

The following Table shows the corresponding articles of the Factories Law that apply to the IM, the maximum period provided between two inspections and comparison of the number of

inspections carried out per IM type with the corresponding number of inspections for the proceeding year 2014, in comparison with year 2013.

Machinery Type	Number of Inspections		Maximum Prescribed Period between Inspections	Article of the Factories Law on the Frequency of Inspections
	2014	2013		
Lifts and Hoists	Note 1	411	6 months	33(2)
Hydraulic Lifting Platforms	Note 1	1	12 months	33(9)(c)
Cranes and other Lifting Devices	455	469	14 months	35(2)
Steam Boilers	390	345	14 - 18 months	40(7)
Steam Receivers	7	3	26 months	41(4)
Air Receivers	289	137	26 months	42(5)
Ropes	0	2	6 months	34
TOTAL	**1.141**	**1.368**		

Note 1: With an amendment of the Factories Law, article 33 was abolished and the audit of lifts is carried out by Authorised Lift Auditors of the private sector.

The Department of Labour Inspection, exercising its supervisory role, in the framework of the enforcement of the Safety and Health at Work (Operation, Maintenance and Audit of Lifts) Regulations of 2012 (P.I. 533/2012), carried out audits and inspections at the premises of Lifts Maintenance Persons and lifts. Also, the Department assessed 2 applications from persons interested to be approved as Authorised Lift Auditors and Lift Maintenance Persons, respectively. At the same time, the Department maintains up to date the respective Registers of the Authorised Lift Auditors and Lift Maintenance Persons which are uploaded on the website of the Department.

The Department of Labour Inspection in cooperation with the Cyprus Association of Lift Installers, Suppliers and Maintenance, organised a one day seminar for the Lift Maintenance Persons to discuss possible problems from the application of the said Regulations. A similar seminar was organised for the Authorised Lift Auditors to inform them on technical issues and interpretation of the provisions of the Regulations on their duties and obligations.

2.2. CE Marking Products Unit

The CE Marking Products Unit is responsible for the enforcement of the national legislation that transposes the New Approach Directives on the six following product categories:

- Machinery
- Lifts
- Pressure Equipment
- Simple Pressure Vessels
- Personal Protective Equipment and
- Equipment and Protective Systems for Use in Explosive Atmospheres.

The enforcement of the CE legislation, through market surveillance, ensures that only products that meet the requirements of the relevant legislation are placed on the market. This is achieved by paying regular visits to premises where the product categories mentioned above are manufactured, imported, displayed for sale or installed. Market surveillance is carried out by authorised Officers of the Department from the Headquarters and the District Offices within the framework of inspections on a sampling basis, as well as after information is received regarding non-conforming products. Such information is usually received from the Customs Authorities, other local surveillance authorities or from consumers, employees or from other persons. Periodically, random inspections at retail outlets and undertakings are carried out on the basis of a special Market Surveillance Programme prepared for the Cyprus market. In particular, in 2014, 69 market surveillance activities were carried out including inspections at undertakings, investigation of complaints and inspections during the product clearing procedure at the Customs Offices.

Within the framework for the enforcement of European Regulation (EC) No 765/2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products, the Unit prepared its Market Surveillance Programme for the year 2014, which was notified to the European Commission. This Programme included lifts and lifting appliances, mobile cranes, personal protective equipment, LPG tanks and air vessels.

Furthermore, in cooperation with the Customs Authorities, during the importation stage, non conforming equipment was identified and measures were taken to enforce the compliance by prohibiting the clearing through the customs and the placing of the non compliant products on the local market.

Additionally, the Department informed the general public for a total of 76 cases of non compliant products for public use, which were identified on the European market, by issuing a total of 29 Announcements on the Rapid Alert System for non-food dangerous products.

The Code of Practice for Inspection and Maintenance of Fire Extinguishers was published on 21.11.2014 in the Official Gazette of the Republic as the Safety and Health at Work (Code of Practice for Inspection and Maintenance of Fire Extinguishers) Order of 2014 (P.I. 520/2014). Moreover, in the same edition of the Gazette, the Safety and Health at Work (Standards for Portable and Wheeled Fire Extinguishers) Order of 2014 (P.I. 518/2014) was published.

2.3. LPG Unit

The Department of Labour Inspection continued its activities, which included inspections of LPG installations and storage facilities, LPG installations on catering vehicles, drafting Codes of Practices to assist the relevant stakeholders, etc.

Within the process of License granting for storage of LPG, 2.132 inspections were carried out by the Inspectors of the Department at undertakings where LPG is stored and informed accordingly the relevant District Offices. The Inspectors also examined complaints from the general public concerning LPG installations. Furthermore, a number of catering vehicles, that use LPG, was inspected. The allocation of the number of inspections per District can be seen in the table below.

Inspection reason	DISTRICT					
	Nicosia	**Limassol**	**Larnaca**	**Paphos**	**Ammochostos**	**Total**
	Nr	Nr	Nr	Nr	Nr	Nr
Examination report of LPG installation on a vehicle	8	1	13	2	3	27
Complaint Investigation	17	1	5	1	1	25
Inspection of LPG installations of the National Guard	17	0	11	0	2	30
Licensing of LPG Storage	524	181	723	123	581	2132
Inspection Total	**566**	**183**	**752**	**126**	**587**	**2214**

Table: LPG Inspection Analysis per district in 2014

On 21.11.2014 the Safety and Health at Work (Code of Practice for the Fire Protection of LPG Installations) Order of 2014 (P.I. 522/2014) was published.

The aforementioned Code supplements the other Codes which were previously issued with respective Orders of the Minister of Labour, Welfare and Social Insurance that deal with the storage and installations of LPG in which reference is made to fire protection without extensive detail and guidance.

The said Code applies to LPG installations, establishments used for storing LPG for direct selling, reselling, placing on the market, transfer, return of the cylinders to the supplier / refilling stations, whose storage capacity does not exceed 50.000 litres.

Within in the context of modernising the legislation on LPG, the Department prepares draft Regulations for the design, installation, operation, maintenance and audit of the LPG installations. Aim of the new legislative framework is the provision of safe LPG installations, the determination of periodic audit / inspection, the safeguarding of adequate maintenance of LPG installations, etc.

According to the respective Decision of the Council of Ministers, it is expected to allow the use of LPG as fuel in motor vehicles. Following an agreed working schedule, the Department of Labour Inspection has prepared the Safety and Health at Work (Code of Practice for Autogas Refuelling Stations and other Autogas Distribution Facilities) Order of 2014 (P.I. 521/2014) and the Safety and Health at Work (Code of Practice for the LPG Installations) (Amendment) Order of 2014 (P.I. 517/2014), which were approved by the Minister of Labour, Welfare and Social Insurance and published in the Official Gazette of the Republic on 21.11.2014. Furthermore, the Department drafted the terms and conditions for the safe operation of the garages for the conversion, maintenance, repair and inspection of LPG powered vehicles, which are posted on the Department's website and accessible to the public. Compliance with the terms and conditions doesn't lead to the issuance of any licence, but is monitored either through the processes for the issuance of Planning or

Building Permits or during the normative inspections contacted by the Department. Moreover the deployment of a new Inspection and Compliance Monitoring System for the Autogas filling stations and the garages for the conversion, maintenance, repair and inspection of LPG powered vehicles has been initiated and a call for the secondment of Officers from other Departments has been announced. The full deployment of the above mentioned System will signal the fulfilment of the Department's obligations in order to allow the use of LPG as fuel in motor vehicles.

2.3.1 Assumption of responsibility for all Petroleum Products

On 24.10.2014 the Petroleum (Amendment) Law of 2014 (Law 152(I)/2014) and the Petroleum (Amendment) Regulations of 2014 (P.I. 469/2014) were published in the Official Gazette of the Republic. As a result, the Department of Labour Inspection, through the Minister of Labour, Welfare and Social Insurance, assumes responsibility for all common petroleum products as defined in the Petroleum legislation.

The most important changes introduced are as follows:

- The Petroleum Storage Licence shall be issued by the Chief Inspector, meaning the Director of the Department of Labour Inspection, and the Licence will be valid for two years from its issue date.
- A Petroleum Storage Licence is required for the storage of LPG in vessels with storage capacity equal or more than 450 litres of water, of class A Petroleum Products in tanks with storage capacity more than 18 litres, class B Petroleum Products in tanks more than 455 litres and class C Petroleum Products in tanks more than 1,137 litres.

For the issuance of a Petroleum Storage Licence new prescribed fees have been set, the amount of which depends on the class and the amount of Petroleum Products stored.

2.4. Control of Working and Resting Times of Drivers of Certain Vehicles

In order to carry out checks on the working and resting times of drivers of certain vehicle categories, a special Unit was created, consisting of one Labour Inspection Officer and two Inspectors[1] dealing exclusively with this topic. The Unit aims to improve the safety and health of work conditions of the drivers under discussion, increase road safety and maintain a fair play in terms of competitiveness in the specific transport field.

2.4.1 Unit for control of working time of the drivers of certain vehicles

Driver fatigue caused by excessive driving without taking required breaks and resting periods is one of the factors of road accidents. With the full implementation of the legislation, by carrying out targeted checks at the road side as well as at the premises of the undertakings, this factor can be assessed, thus making possible the prevention of road accidents in which drivers of certain vehicles may be involved. Also, the implementation of the legislation ensures equal terms of competition between enterprises and improves the working conditions of the said drivers.

[1] As from March 2014, four workers from the Department of Public Works have been transferred to the Department of Labour Inspection, who after intensive training they have carried out a significant number of inspections both at the road side and at the premises of undertakings.

2.4.2 Legislation / Implementation of Legislation

Cyprus is harmonized with the European Directive 2006/22/EC and implements the European Regulations no. 561/2006 and no. 3821/85 via the Control of Driving Hours and Resting of Drivers of Certain Vehicles Law of 2007 (L. 86(I)/2007).

The new European Regulation no. 165/2014 was published in the Official Journal on 28.2.2014. Following the adoption of a number of implementing acts, this Regulation when fully applied by 2.3.2016 will replace European Regulation no. 3821/85/EEC. The Departments of Labour Relations and Labour Inspection of the Ministry of Labour, Welfare and Social Insurance have already prepared a draft of the relevant amending act to Law (L. 86(I)/2007).

On the basis of article 9 of the European Directive 2006/22/EC and article 20 of Law 86(I)/2007, the Department of Labour Inspection drafted a new set of Regulations for the Implementation of a Risk Rating System of the Enterprises (P.I. 140/2011, dated 21.4.2011). This System provides information on the inspection of enterprises according to their risk rating, i.e. high risk enterprises will be inspected more frequently than others.

The software that was developed by the Department of Information Technology Services is now utilised by the Department of Labour Inspection to record inspection data and calculate the level of annual and total risk index for all undertakings inspected. In the same respect, an upgrade to the said software is planned so as to facilitate the recording of roadside inspection data carried out by the Police and the Road Transport Department.

What is more, Cyprus is harmonized with the European Directive 2002/15/EC via the Organization of Working Time of Persons Performing Mobile Road Transport Activities Law of 2005 (L. 47(I)/2005).

According to article 2(1) of the Law 86(I)/2007 and article 2(1) of the Law 47(I)/2005, the Minister of Labour, Welfare and Social Insurance is responsible for the administration and enforcement of the above legislation. The Department is duly authorised to enforce the provisions of the above laws. The Competent Authority for the management of the legislative framework is the Department of Labour Relations.

Control checks at the premises of the undertakings are carried out exclusively by the Unit for Control of Working Time of Drivers of Certain Vehicles, under the Department of Labour Inspection and the road side checks are carried out by the above mentioned Unit in collaboration with the Cyprus Police[2].

2.4.3 Monitoring of Drivers' working days in 2014

According to article 2 of the European Directive 2006/22/EC, the minimum number of examinations of working days that should have been carried out in 2014 amounts to 107.973 working days. According to the same article, the minimum percentage of total number of examinations held at the road side is 30% and at the premises of enterprises 50%. The DLI had undertaken the responsibility of fulfilling 50% of the abovementioned target (107.973) by primarily carrying out checks at the premises of the enterprises as well as targeted checks at the roadside. The Cyprus Police was responsible for covering the remaining 50% of the

[2] During the second semester of 2014 approximately 20 members of the Road Transport Department participated in a training session on roadside checks that was delivered by the Department of Labour Inspection. It is expected that from January 2015 RTD will contribute to the roadside check function significantly.

target by carrying out checks at the roadside only. Up to 31.12.2014, the Department has checked a total of 68.769 working days of which 62.182 at the premises of enterprises and 6.587 working days at the road side. The following table indicates the percentage coverage of the minimum number of examinations required by European Directive 2006/22/EC against the number of examinations carried out in 2014 per case.

Drivers' Working Days examined in 2014

	Minimum requirement as per E.U.	Number of examinations carried out in 2014	Percentage coverage of the E.U. requirements (%)
Total number of examinations of working days	**107.973** (3% of working days)	**117.204**	**108,5**
Examination of working days at the road side	32.391 (30% of 107.973)	55.022	169,9
Examination of working days at the premises of the enterprises	53.987 (50% of 107.973)	62.182	115,2

The above number of examinations of working days of drivers that have been carried out at the road side includes the examinations that have been carried out during campaigns organized by the Cyprus Police (48.435), as member of the TISPOL (Traffic Information System for the Police) Organisation. The said campaigns took place in February, July, September, October and November of 2014 with the participation of the Inspectors of the Department.

3. INDUSTRIAL POLLUTION CONTROL AND SAFETY OF PETROLEUM INSTALLATIONS SECTION

3.1. Control of Industrial Emissions

3.1.1. Permitting

During 2014, within the framework of the implementation of the provisions of the Atmospheric Pollution Control Laws of 2002 to (No 2) of 2013, and the Industrial Emissions Law of 2013 that refer to the permitting of industrial installations, the competent Technical Committees (for the Protection of the Atmosphere and the Environment respectively), which are chaired by the representative of the Department of Labour Inspection, examined 25 applications for Air Emission Permits and 1 application for Industrial Emissions Permit and prescribed specific operating conditions and emission limit values aiming at the effective protection of the environment. Upon proposals of the Technical Committee for the Protection of the Atmosphere, in which, apart from the Ministry of Labour, Welfare and Social Insurance, five other co-authoritative Ministries, the Cyprus Scientific and Technical Chamber and the Cyprus Federation of Environmental Organizations participate, 10 Air Emission Permits were granted by the Minister of Labour, Welfare and Social Insurance.

The categories and number of installations for which Air Emission Permits were granted in 2014, are shown in **Appendix XXI**.

3.1.2. Inspections / Measurements

Regarding the implementation and enforcement of the legislation, particular emphasis was given on checking the compliance of installations with the specified operating conditions and emission limit values of the Air Emission Permits. For this purpose, the inspections and the environmental measurements continued during 2014. Priority was given to the inspection and monitoring on a systematic basis, of those industrial installations, which, by the nature of their processes and location, are likely to cause adverse impact to the public health and the environment. In accordance with the Operating Conditions specified in the relevant Permits, the large industrial installations have already proceeded with the installation of control systems for pollution reduction (filters) at the emission sources and as a result, the adverse implications on the environment from their operation, have been considerably reduced.

During 2014, 213 inspections were carried out at permitted installations in order to check the compliance with the Operating Conditions, which are specified in the corresponding permits (Air Emission Permits and Industrial Emissions Permits) and 19 inspections were carried out at non-registrable installations (e.g. boilers, crushing plants, concrete producing factories, etc.) in order to check the compliance with the conditions which are specified in the relevant Regulations. In addition, 19 inspections were carried out for the investigation of public complaints related to the operation of neighboring factories. Furthermore, 1 question of a Member of the House of Representatives and 7 questions submitted by the public were answered.

The Inspectors of the Department periodically monitor emissions from large-scale industrial installations using the Mobile Emissions Monitoring Unit of the Department, which is appropriately equipped with monitoring instruments. During 2014, 2 sets of emission measurements on the concentration of different pollutants (dust, fume, sulphur dioxide, nitrogen oxides, volatile organic compounds) were carried out in large-scale industries

(Power stations, cement factories, paint manufacturing industries, etc) in order to check for compliance with the emission limits, which are specified in the Air Emission Permits.

The monitoring of the operation of large-scale industrial installations was also achieved by competent Inspectors through the data validation and control of the air emission measurements obtained from instruments installed by the operators at the stacks of the aforementioned installations. The obligation for continuous emissions monitoring (self-monitoring) and annual reporting is included as a condition in the relevant Permits (Air Emission Permits and Industrial Emission Permits) for the large-scale industrial plants. The Inspectors of the Department of Labour Inspection have access to the emission measurements obtained by the plant operators through self-monitoring and published in their annual reporting that they are obliged to submit to the Department of Labour Inspection. A total of 97 annual reports were submitted and checked.

During 2014, 4 Warning Letters were sent after inspections to the operators of installations, in order to take measures to comply. In 2014, 4 penal cases, which were pending before the Court, were concluded. The Court imposed a fine of €4500 for the first case, €1800 for the second and €5100 for the third case. In the fourth case, the court acquitted the accused.

3.1.3. European Pollutant Release and Transfer Register, E-PRTR

According to the requirements of the European Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (E-PRTR Regulation), Cyprus is required to submit on an annual basis key environmental data from industrial activities. In March 2014, the Department of Labour Inspection submitted to the European Commission and the European Environment Agency, the sixth report with the relevant data for Cyprus.

The European Pollutant and Transfer Register contains comparable data on the main pollutant releases to air, water and land as well as transfer of wastes from industrial facilities across the European Union. It aims at presenting the improvement of the environmental performance of the facilities that fall within the scope of the E-PRTR Regulation and also the assessment of the progress regarding the compliance with the environmental targets set for each Member State according to International Agreements and Protocols.

Specifically, the Department of Labour Inspection submitted online, with the help of a comprehensive database that was developed, the environmental data regarding releases to air from several industrial activities, including slaughter houses, quarries, waste treatment installations and intensive livestock facilities.

The Cyprus Pollutant Release and Transfer Register consists of a website (http://www.prtr.dli.mlsi.gov.cy) and a specialized database, on which environmental data from industrial facilities that fall within the scope of the Regulation (EC) No. 166/2006 (E - PRTR Regulation) are uploaded.

The Register enables the public to have access to environmental information concerning the annual amounts of pollutant releases from installations operating in Cyprus and also contributes to transparency and more effective participation by the public in environmental decision-making. In addition, the objectives of reducing bureaucracy and administrative burden have been met, since the operators of industrial facilities are able to submit electronically on the website one report providing the required environmental data to both the Department of Labour Inspection and the Department of Environment simultaneously.

3.1.4. Harmonizing Legislation

Within the framework of implementation of the Industrial Emissions (Integrated Pollution Prevention and Control) Law of 2013 harmonizing Cyprus legislation with the European Union Directive 2010/75/EU, the following orders were issued:

1. The Industrial Emissions (Emission Permit Application Form) Order of 2014 (P.I. 215/2014)
2. The Industrial Emissions (Emission Permit Application Form - Use of Organic Solvents) Order of 2014 (P.I. 250/2014)
3. The Industrial Emissions (General Operating Conditions for Dry Cleaning) Order of 2014 (P.I. 511/2014)
4. The Industrial Emissions (Prescribed Fees) Order of 2014 (P.I. 545/2014)

The order referred to in paragraph 1 above has been prepared in connection with the Department of the Environment of the Ministry of Agriculture, Rural Development and Environment.

Within the framework of implementation of the The Control of Atmospheric Pollution Laws of 2002 to (No 2) of 2013, the following orders were issued:

1. The Air Pollution Control (Emission Permit Application Form) Order of 2014 (P.I. 245/2014)

2. The Control of Atmospheric Pollution (Amendment of Annex II of the Law) Order of 2014 (P.I. 524/2014)

In addition, the following draft legislation has been prepared and submitted to the Law Office of the Republic for legal vetting:

1. The Industrial Emissions (Integrated Pollution Prevention and Control) (Amendment) Law of 201..
2. The Control of Atmospheric Pollution (Amendment) Law of 201...
3. The Control of Atmospheric Pollution (Non Licensable Installations) (Amendment) Regulations of 201..

3.2 Safety of petroleum installations

On 24.10.2014 The Petroleum (Amendment) Law of 2014 (Law 152(I)/2014) and the Petroleum (Amendment) Regulations of 2014 (P.I. 469/2014) were enacted. According to Law 152(I)/2014), the competent authority for safe storage of petroleum products issues is the Department of Labour Inspection.

The following petroleum classes are specified:

(a) “petroleum Class A” includes the products usually known as LPG, gasoline, crude oil and any other petroleum product with flash point under 37,8 º C
(b) “petroleum Class B” includes the products usually known as kerosene, diesel and any other petroleum product with flash point not under 37,8 º C but under 60 º C

(c) “petroleum Class C” includes the products usually known as heating diesel, light fuel oil, heavy fuel oil, and any other petroleum product with flash point not under 60 º C

The Industrial Pollution Control and Safety of Petroleum Installations Section is competent for the above types of petroleum products except for LPG.

For the purposes of implementation of Law 152(I)/2014 an application form for permit for petroleum storage has been prepared.

4. AIR QUALITY SECTION

4.1. Ambient Air Quality Monitoring

In 2014, the Air Quality Section continued monitoring the air quality of Cyprus at various locations all over Cyprus, as shown in the map in **Figure 1, Appendix XXII**. The monitoring was carried out via the operation of thirteen stations equipped with automatic real time instruments measuring the following pollutants: Nitrogen Monoxide, Nitrogen Dioxide and Nitrogen Oxides (NO, NO_2 and NOx), Ozone (O_3), Sulphur Dioxide (SO_2), Carbon Monoxide (CO), Suspended Particles (PM-Particulate Matter) and Benzene (C_6H_6).

In addition, the following meteorological parameters were monitored: Wind Speed, Wind Direction, Ambient Temperature, Relative Humidity, Barometric Pressure and Solar Radiation.

A photo of a representative station is shown in **Figure 2** of **Appendix XXII**.

The results of the measurements are given on-line on the website www.airquality.gov.cy together with other relevant information. They are also given through two indoor and one outdoor display panels.

The outdoor panel is located in the garden of the Licavitos Police Station in Nicosia. One of the indoor panels is located at the Citizen's Service Center in Nicosia and the second at the entrance of the Ministry of Labour, Welfare and Social Insurance main building. In addition, another three indoor panels are currently placed in Municipalities Offices to continuously inform the public on the air quality situation in Cyprus. The results are also presented after the central news bulletin of four island-wide TV stations. Two English language newspapers publish a daily report on air quality.

When necessary (i.e. during the dust transport episodes from Sahara), special announcements to warn the public are issued.

The measurement of concentrations of the Suspended Particles using special filters with dedicated samplers in all towns continued during 2014. From these samples the concentrations of lead, arsenic, cadmium and nickel, as well as of poly-aromatic hydrocarbons contained in the collected dust were calculated. The results are presented in the above mentioned webpage.

4.2. Evaluation of the results of measurements

The results of the measurements of the major atmospheric pollutants at the areas already mentioned show that the concentrations of most pollutants, like SO_2, CO, NO, NO_2 and NOx, benzene, as well as those of the heavy metals and benzo(a)pyrene are below the corresponding limit values.

The results of the measurements are presented in **Figures 3, 4, 5, 6 and 7** of **Appendix XXII**.

Specifically, in **Figure 3** the annual mean values of 2000 to 2013, at the traffic station of Nicosia, of the pollutants NO_2, CO and SO_2 show a continuous decline. This was mainly the result of the improvement of fuel quality, of the introduction of modern technology vehicles and of the routine technical inspection of all vehicles.

In the case of O_3 and Particulate Matter exceedances of the corresponding limits were observed. The relevant O_3 exceedances are mostly due to the climate prevalent in Cyprus with high ambient temperatures and high solar radiation, which contribute to the production of O_3 as well as the O_3 transportation from the East Mediterranean and other neighbouring countries. The annual mean concentrations of O_3 are presented in **Figure 4** of **Appendix XXII**, at three representative areas (background, residential area and increased traffic area).

In the case of the Particulate Matter, the exceedances are due, among other reasons, to vehicle emissions, central heating, various industrial sources, to dust transported from agriculture areas and from Sahara, the re-suspension of dust from roads and the exposed dusty areas in the cities during the dry season, as well as to sea salt. A quantification of these contributions is evident from the annual average concentrations of PM10 presented in Figure 5 of Appendix XXII, which show that the EMEP background station value, in which the anthropogenic contribution is minimum, is already very near the annual limit value of ***40 μg/m^3***.

Figure 5 of the same Appendix shows the annual average values of PM_{10} at the Traffic Stations of Nicosia (NICTRA), Limassol (LIMTRA), Larnaka (LARTRA) and Pafos (PAFTRA) and at the rural background station of Ayia Marina-Xyliatos (EMEP) for the years 2005 to 2013. The annual average values in all towns continue to be higher than the annual limit value except in Paphos. However, during the last three years there was a reduction in the PM_{10} concentration from 6-39%.

In **Figure 6**, the number of exceedances of the daily limit value of PM_{10} (50μg/m^3) at the same stations is presented. With the exception of the EMEP traffic station, the number of exceedances at the other stations were above the maximum allowed number of 35 per year.

In **Figure 7**, the annual average values of $PM_{2.5}$ at the Residential Stations of Pafos (PAFRES), Limassol (LIMRES), Larnaka (LARES) and Nicosia (NICRES) and EMEP station are presented. The annual values of the Residential Stations above for the three last years (2010-2012) were used to calculate the Average Exposure Index (24.5μg/m^3 which defines the goal to reduce by 20% the annual $PM_{2.5}$ by 2020.

In its effort to reduce the PM_{10} concentration in the air and to improve air quality concerning the other pollutants as well, the Department of Labour Inspection prepared an Action Plan for the Air Quality Improvement, which was approved by the Council of Ministers in February 2008 and was submitted to the European Commission.

The progress of implementing the measures of the Action Plan is monitored by the Department of Labour Inspection, as the Competent Authority, through a Technical Committee, which is prescribed in the relevant legislation. This Technical Committee comprises of representatives from the five Ministries prescribed in the legislation, as well as the representatives of Local Authorities and other stakeholders. The National Action Plan can be seen on the above mentioned webpage.

In 2014 the investigation of the sources of PM_{10} continues aiming to quantify the contribution of the natural sources so that realistic measures are taken to reduce the emissions from anthropogenic sources.

4.3. Annual National Air Pollutant Emissions

The Department of Labour Inspection, acting as the National Focal Point for the 1979 Convention on Long-Range Transboundary Air Pollution, was actively involved in the Convention's activities and its Protocols in 2014. Within this framework, the annual emissions of the air pollutants of Cyprus were calculated for the year 2012 and were forwarded to the Executive Body of the Convention and to the European Environment Agency. The data referred to above, have been included in the relative reports published by the Executive Body of the Convention.

The annual national air pollutant emissions per section / activity and relevant figures for the year 2012 are shown in the table and **Figures 1-6** of **Appendix XXIII.**

5. RADIATION PROTECTION SECTION

RADIATION INSPECTION AND CONTROL SERVICE (RICS)

RICS was established in the Department of Labour Inspection (Radiation Protection Section) under the Protection from Ionising Radiation and Nuclear Safety Laws of 2002 to 2011.

In addition to the enforcement of the relevant legislation and the implementation of the governmental policy in this area, RICS is also a center of expertise with respect to ionising radiation and is the Contact Point of the Republic of Cyprus, for these matters, with the European Atomic Energy Community (EURATOM), the International Atomic Energy Agency (IAEA) and other International Organisations or Radiation Protection and Nuclear Safety Regulatory Authorities.

The main objectives of RICS are:

- To ensure adequate levels of protection for the workers, the public, the patients and the environment from the risks arising from exposure to ionising radiation or, from the release of radioactive substances into the environment, or contamination of the environment with radioisotopes. The above objective is achieved through the operation of a comprehensive radiation protection system that includes licensing, inspection of radiation sources and practices involving the use of or exposure to ionising radiation, monitoring of environmental radioactivity levels, control of radioactive waste and radiological and nuclear emergency preparedness and response, as well as the control of sources and practices involving the use of or exposure to non-ionising radiation, in cooperation with other institutions and stakeholders.

To ensure adequate levels of protection for the workers and third parties from the risks that may arise due to exposure to or use of non-ionising radiation at work.

5.1. Implementation of legislation on the protection from ionising radiation and Nuclear Safety

During 2014, the efforts towards achieving a more comprehensive and effective implementation of the legislation on the Protection from Ionising Radiation and Nuclear Safety, enacted in 2002 and amended in 2009 and in 2011 (L.115(I)/2002, L.8(I)/2009, L.127(I)/2011 and Regulations issued under these Laws), continued.

The above legislation is fully in line with the relevant European Acquis and with the Basic Safety Standards and other Standards, Regulations etc. of the EURATOM and of the IAEA where Cyprus is a member since 2004 and 1965 respectively.

It should be noted that, since Cyprus is a member state of the European Union, the EURATOM Treaty and all relevant EURATOM Regulations and Decisions are also binding.

In addition, Cyprus is a contracting party to various international conventions, treaties, agreements and protocols regulating issues of non-proliferation of nuclear weapons, combat of nuclear terrorism, early warning and assistance in case of a nuclear accident or radiological emergency, physical protection of nuclear material and nuclear facilities, banning of nuclear testing, etc.

The above legislation provides for the general framework of obligations and procedures for licensing of all sources and practices that involve the use of or exposure to ionising radiation, as well as the measures to be taken for the protection from risks arising from ionising radiation and provides for the empowerment of the Council of Ministers to issue Regulations.

Following the nuclear accident in 2011 in Fukushima, Daiici, Japan, RICS, within the framework of the application of the relevant legislation and in cooperation with other Governmental departments, has implemented a special programme of inspections, sampling and measurements of radioactivity levels for products imported from Japan and its neighbouring regions.

During 2014:

- 211 inspections, involving measurements, took place at workplaces, medical centres and other premises where use of or exposure to ionising radiation occurs, 3 Technical Licencing Committee meetings took place and 16 licenses for ionising radiation sources and practices, as well as 32 approvals for the import or export of various sources of ionising radiation and radioisotopes, 4 approvals for Qualified Experts and 1 approval for the provision of Dosimetry Services were granted. At the same time, the procedure for licensing additional enterprises where the use of or exposure to ionising radiation occurs, including enterprises offering support services to the offshore gas and oil exploration activities, continued.

- 328 certificates regarding the levels of radioactivity in scrap metals, plastics, car batteries, animal feed, food products and drinks, to be exported abroad, were issued.

- the campaign for inspection for electromagnetic radiation and for optical radiation (laser) equipment used in Cyprus in various practices such as medicine, beauty salons, industry, construction and research continued. In the framework of this campaign, 17 inspections were performed in centres or enterprises where exposure to electromagnetic or optical radiation may occur.

- RICS prepared the documents for “the Protection from Ionising Radiation and Nuclear Safety (Setting of Fees) Notification of 2014”, of the Minister of Labour, Welfare and Social Insurance, which was published in the Official Gazette of the Republic (P.I. 523/2014, 21.11.2014).

- RICS prepared the relevant documents for “the Protection from Ionising Radiation and Nuclear Safety (General License Conditions for possession and use of radiology equipment in dental radiology practices) Notification of 2014”, of the Minister of Labour, Welfare and Social Insurance, which was published in the Official Gazette of the Republic (P.I. 470/2014, 24.10.2014).

- “The Protection from Ionising Radiation and Nuclear Safety (Responsible and Safe Management of Spent Fuel and Radioactive Waste) Regulations of 2014”, which transpose into the National Legislation the Council Directive 2011/70/EURATOM for “establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste”, were published in the Official Gazette of the Republic (P.I. 178/2014, 4.4.2014).

- based on the above Regulations the drafting of the relevant document for the national policy and strategy for the responsible and safe management of spent fuel and

radioactive waste, which will be submitted to the European Commission in 2015, started.

- the final draft of the National Action Plan for Emergency Preparedness and Response to Radiological or Nuclear Events “ELECTRA”, based on the General National Action Plan “ZENON”, was prepared and distributed to all parties involved.

- the preparation of the draft Regulations for the transposition into the National Legislation of the Council Directive 2013/51/EURATOM for “laying down requirements for the protection of the health of the general public with regard to radioactive substances in water intended for human consumption” begun.

- the drafting of the various documents and the self-assessment of the Regulatory Authority, in preparation for the 2016 Peer Review of the Regulatory Authority of Cyprus for Radiation Protection and Nuclear Safety, continued.
  This assessment will be performed in accordance with the requirements of Council Directive 2009/71/EURATOM for “establishing a Community framework for the nuclear safety of nuclear installations” and Council Directive 2011/70/EURATOM for “establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste”, by IAEA and EURATOM peers (Experts).

- the process of providing information and training to the various stakeholders and the inspection of workplaces, medical centres, and other areas where use of or exposure to ionising radiation takes place continued.

RICS personnel participated in several meetings of The House of Representatives committees and other committees, during which matters relevant to its responsibilities were discussed.

5.2. Environmental Radioactivity Monitoring

The Ambient Gamma Dose Rate in Air Monitoring Network, which is also the Early Warning System in Case of Radiological Emergency, comprises seven fixed and one mobile station and three control centres and covers the whole area controlled by the Republic of Cyprus. This network was upgraded in 2012. The monitoring network is connected with the European network EURDEP at the Joint Research Centre in Ispra, Italy, collecting and automatically transmitting data on an hourly basis. Environmental radioactivity data is also submitted yearly to the European Commission’s Environmental Radioactivity Monitoring Databank REM.

In addition to the telemetric network, the National Environmental Radioactivity Monitoring Network includes two automatic low volume air sampling pumps, one in Lefkosia and one in Limassol for the measurement of total β-radiation in air and a high volume pump in Lefkosia for monitoring gamma radioisotopes in the atmosphere and especially for the monitoring of Cs-137.

In 2014, the monitoring, sampling for and measurement of radioactivity levels in soil, water, the marine environment, foodstuff, animal feed, building materials and consumer goods continued, in cooperation with the State General Laboratory and the Department of Fisheries and Marine Research. This monitoring is performed more intensively following the accident at Fukushima, Japan.

5.3. Inventory of Ionising Radiation Sources and Dosimetry Registry

Within 2014, RICS continued updating and upgrading the inventory of ionising radiation sources and practices in Cyprus, as well as the national registry of individual monitoring of the workers exposed to ionising radiation. The National Dose Registry is kept and updated by RICS, under the provisions of the existing legislation, in both hard and electronic form (using the software RAIS (Regulatory Authority Information System), which was developed by the IAEA).

5.4. Implementation of IAEA Regional Projects for Cyprus

RICS participates in or implements various Regional (European) IAEA Technical Cooperation projects, which aim at improving the radiation protection, radioactive waste management and nuclear safety systems, as well as at upgrading the relevant infrastructure and the capabilities of Cyprus in this field.

In the framework of the implementation of the above projects, a number of officers of RICS of the Department participated in relevant IAEA meetings abroad and were trained on relevant matters.

5.5. Cooperation with the European Union, the IAEA and other organisations and stakeholders

RICS participated in various committees of the European Union, where all EURATOM matters are discussed, as well as in activities of the ECURIE and EURDEP networks, concerning urgent response and information exchange in cases of radiological/nuclear emergencies. RICS also participated in the IAEA General Conference in Vienna, Austria, and in various meetings and other activities of the IAEA, as well as in meetings and activities of the Global Initiative for Combating Nuclear Terrorism.

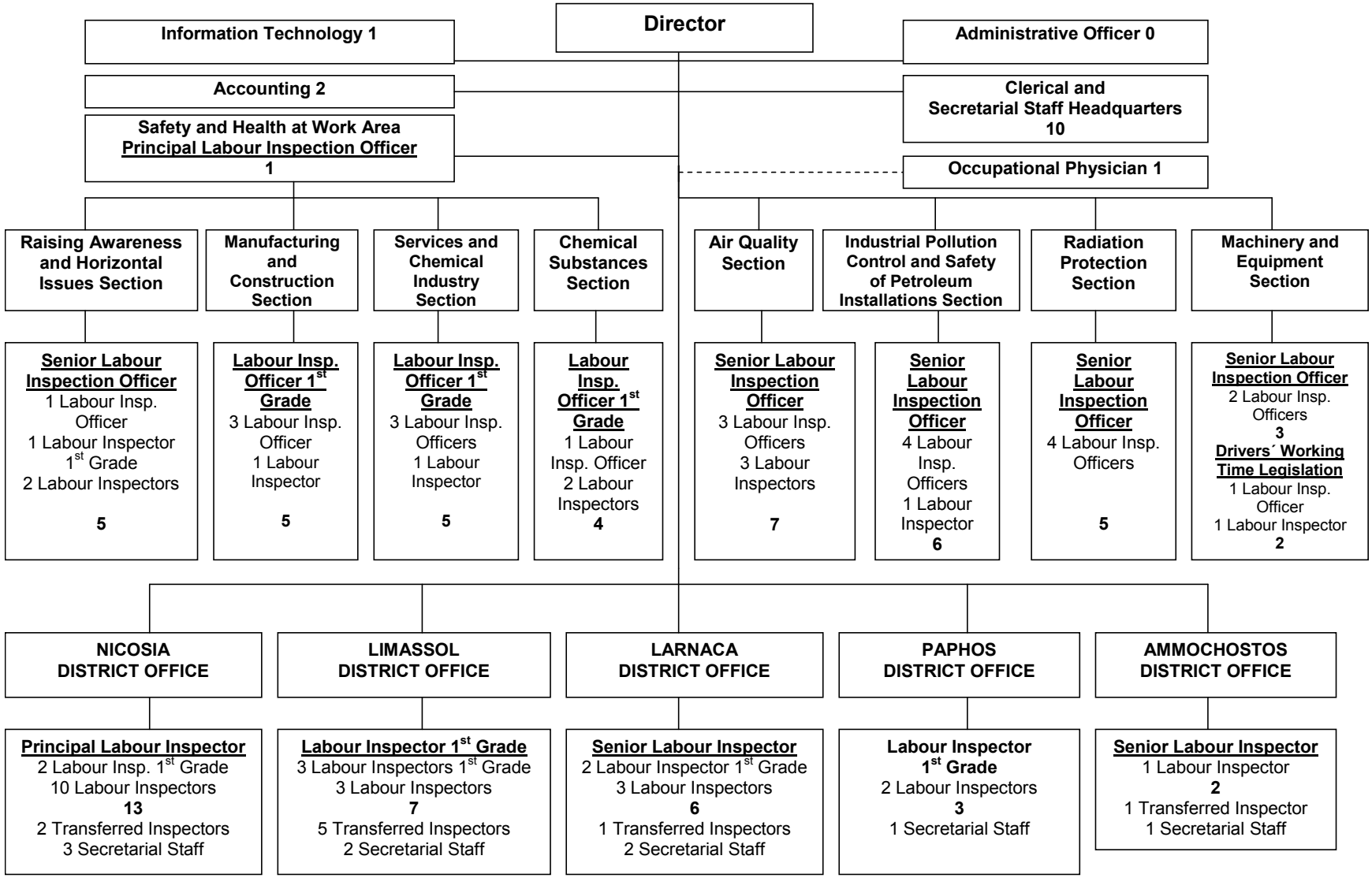
Cyprus, as a Member State of the European union, has transposed into its National Legislation, with the Ratification Law L.37(II)/2007, the Safeguards Agreement and the Additional Protocol of this Agreement, in which Cyprus acceded in 1973 (L.3/1973) and 2002 (L.27(III)/2002) accordingly. Cyprus also has the responsibility of applying Commission Regulation (EURATOM) No 302/2005 “on the application of Euratom Safeguards”. In this framework Cyprus was inspected by EURATOM and IAEA inspectors.

The registry of nuclear material in Cyprus is kept and updated by RICS and reports are sent at regular intervals to the European Union and the IAEA.

Additionally, the cooperation between RICS and the Greek Atomic Energy Agency, within the framework of the bilateral agreement signed in 2008, continued.

Finally, the cooperation of RICS with the University of Cyprus and other relevant stakeholders, with respect to measurements of radon levels in dwellings and radioactivity levels in foodstuff and building materials, continued.

APPENDIX I: Organizational Chart of the Department of Labour Inspection for 2014



DLI Budget Permanent Posts: 79, (Appointed 69, Vacant Posts 10), Supporting Staff: Clerical & Secretarial 19, Occupational Physician 1, Information Technology 1 (part time), Accounting 2, Cleaners 5, Messengers 3, Provisional Additional staff: 5, Transferred from other public services 9. Total appointed in DLI: 114

APPENDIX II: Inspections Programme for Safety and Health at Work for 2014

APPENDIX II

Inspection Programme for Health and Safety at Work fo the Year 2014
Yearly and Monthly Inspection Activities (Paragraph 4.3.2)

A/A	INSPECTION ACTIVITITIES	JAN	FEB	MAR	AP	MAY	JUN	JUL	AU	SEP	OC	NO	DEC
THROUGHOUT THE YEAR													
1	Reinspection of Workplaces at which a letter of contraventions has been sent or a an Improvement Notice has been issued last year or during the current year												
2	Management of Safety and Health Issues at Work (Risk Assessments, Internal and External Protective and Preventive Services, Safety Officers)												
3	Consultation and Participation of Workers (Safety Committees, Workers´ Representatives)												
4	Building Permits, Planning Permissions and Certificates of Final Approval												
5	Issue of Factories Registration Certificates												
6	Hospital activities (hospitals, private clinics)												
7	Legislation of the Employer´s Liability Insurance												
8	Smoking in the workplaces												
9	Manual Handling of Loads												
10	Storage/ Use of Chemical substances "Seveso" instalations												
11	Building Industry and Construction Projects												
MONTHLY BASIS													
12	Good Practice Competition												
13	Hairdressing Saloons and Barbers												
14	Recreation Areas (playgrounds, waterparks, Go-Karts)												
15	Construction Sector - Working at hights												
16	Construction Sector - Small size construction sites												
17	Retail sale in non-specialized stores (groceries and super markets) and wholesale trade												
18	Manufacture of Chemicals (pesticides, basic pharmaceutical products, plastics and rubber) - Storage of Chemical substances (e.g. painting of motor vehicles) - Printing Services (e.g. printing of newspapers) - Plastic Recycling												
19	Agriculture and Animal Industries												
20	Hotels and Restaurants												
21	Heat stress (mobile construction sites - construction, warehouses and storages, ports, laundries, foundries, kitchens at restaurants and hotels)												
22	Food and Beverage Industry (bakery, pastry, breweries, wineries)												

APPENDIX III: Inspections of Undertakings for the Year 2014 for Health and Safety at Work Issues

S/N	ECONOMIC ACTIVITY	DISTRICT																
		NICOSIA			LIMASSOL			FAMAGUSTA			LARNACA			PAPHOS			TOTAL	
		No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(3)
1	SECTION A — AGRICULTURE, FORESTRY AND FISHING	62	3,1%	42,2%	32	3,8%	21,8%	3	0,8%	2,0%	20	2,7%	13,6%	30	6,7%	20,4%	147	3,3%
2	SECTION B — MINING AND QUARRYING	2	0,1%	15,4%	5	0,6%	38,5%	0	0,0%	0,0%	5	0,7%	38,5%	1	0,2%	7,7%	13	0,3%
3	SECTION C — MANUFACTURING	384	19,2%	45,6%	183	21,6%	21,7%	63	15,8%	7,5%	128	17,2%	15,2%	84	18,7%	10,0%	842	19,0%
4	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	4	0,2%	30,8%	2	0,2%	15,4%	0	0,0%	0,0%	4	0,5%	30,8%	3	0,7%	23,1%	13	0,3%
5	SECTION E — WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	23	1,2%	44,2%	13	1,5%	25,0%	0	0,0%	0,0%	8	1,1%	15,4%	8	1,8%	15,4%	52	1,2%
6	SECTION F — CONSTRUCTION	502	25,2%	44,5%	208	24,6%	18,4%	88	22,0%	7,8%	186	25,0%	16,5%	145	32,3%	12,8%	1129	25,5%
7	SECTION G — WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	320	16,0%	41,4%	160	18,9%	20,7%	95	23,8%	12,3%	135	18,2%	17,5%	63	14,0%	8,2%	773	17,4%
8	SECTION H — TRANSPORTATION AND STORAGE	47	2,4%	34,3%	31	3,7%	22,6%	10	2,5%	7,3%	45	6,1%	32,8%	4	0,9%	2,9%	137	3,1%
9	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	225	11,3%	42,7%	99	11,7%	18,8%	57	14,3%	10,8%	82	11,0%	15,6%	64	14,3%	12,1%	527	11,9%
10	SECTION J — INFORMATION AND COMMUNICATION	13	0,7%	76,5%	3	0,4%	17,6%	0	0,0%	0,0%	0	0,0%	0,0%	1	0,2%	5,9%	17	0,4%
11	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	13	0,7%	59,1%	4	0,5%	18,2%	1	0,3%	4,5%	4	0,5%	18,2%	0	0,0%	0,0%	22	0,5%
12	SECTION L — REAL ESTATE ACTIVITIES	16	0,8%	64,0%	5	0,6%	20,0%	0	0,0%	0,0%	3	0,4%	12,0%	1	0,2%	4,0%	25	0,6%
13	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	28	1,4%	54,9%	5	0,6%	9,8%	5	1,3%	9,8%	8	1,1%	15,7%	5	1,1%	9,8%	51	1,2%
14	SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	17	0,9%	41,5%	0	0,0%	0,0%	22	5,5%	53,7%	0	0,0%	0,0%	2	0,4%	4,9%	41	0,9%
15	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY	94	4,7%	57,0%	30	3,5%	18,2%	12	3,0%	7,3%	24	3,2%	14,5%	5	1,1%	3,0%	165	3,7%
16	SECTION P — EDUCATION	29	1,5%	49,2%	12	1,4%	20,3%	4	1,0%	6,8%	11	1,5%	18,6%	3	0,7%	5,1%	59	1,3%
17	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	40	2,0%	46,0%	16	1,9%	18,4%	8	2,0%	9,2%	16	2,2%	18,4%	7	1,6%	8,0%	87	2,0%
18	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	50	2,5%	41,3%	19	2,2%	15,7%	15	3,8%	12,4%	26	3,5%	21,5%	11	2,4%	9,1%	121	2,7%
19	SECTION S — OTHER SERVICE ACTIVITIES	119	6,0%	58,0%	19	2,2%	9,3%	17	4,3%	8,3%	38	5,1%	18,5%	12	2,7%	5,9%	205	4,6%
20	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	7	0,4%	100,0%	0	0,0%	0,0%	0	0,0%	0,0%	0	0,0%	0,0%	0	0,0%	0,0%	7	0,2%
21	SECTION U — ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES	0	0,0%	0%	0	0,0%	0%	0	0,0%	0%	0	0,0%	0%	0	0,0%	0%	0	0,0%
	TOTAL NO. OF INSPECTIONS	**1995**	45,0% (%4)		**846**	19,1% (%4)		**400**	9,0% (%4)		**743**	16,8% (%4)		**449**	10,1% (%4)		**4433**	

%1: Percentage contribution of District Inspections for the specific Economic Activity, on the total number of District Inspections.

%2: Percentage contribution of District Inspections for the specific Economic Activity, on the Cyprus wide total number of Inspections of the same Economic Activity.

%3: Percentage contribution of Cyprus wide Inspections for the specific Economic Activity, on the total number of Inspections.

%4: Percentage contribution of District Inspections on the total number of Inspections Cyprus wide.

APPENDIX IV: Registered Undertakings on 31.12.2014

S/N	ECONOMIC ACTIVITY SECTOR	DISTRICT																
		NICOSIA			LIMASSOL			FAMAGUSTA			LARNACA			PAPHOS			TOTAL	
		No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(3)
1	SECTION A — AGRICULTURE, FORESTRY AND FISHING	699	5,62%	34,13%	465	6,24%	22,71%	196	7,66%	9,57%	524	9,58%	25,59%	164	6,42%	8,01%	2048	6,72%
2	SECTION B — MINING AND QUARRYING	19	0,15%	21,11%	32	0,43%	35,56%	3	0,12%	3,33%	23	0,42%	25,56%	13	0,51%	14,44%	90	0,30%
3	SECTION C — MANUFACTURING	3413	27,43%	46,80%	1800	24,14%	24,68%	407	15,90%	5,58%	1181	21,59%	16,19%	492	19,26%	6,75%	7293	23,93%
4	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	9	0,07%	16,36%	11	0,15%	20,00%	1	0,04%	1,82%	16	0,29%	29,09%	18	0,70%	32,73%	55	0,18%
5	SECTION E — WATER SUPPLY SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	73	0,59%	31,06%	60	0,80%	25,53%	11	0,43%	4,68%	58	1,06%	24,68%	33	1,29%	14,04%	235	0,77%
6	SECTION F — CONSTRUCTION	2093	16,82%	41,59%	1450	19,44%	28,82%	297	11,61%	5,90%	740	13,53%	14,71%	452	17,70%	8,98%	5032	16,51%
7	SECTION G — WHOLESALE AND RETAIL TRADE REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	2583	20,76%	41,10%	1515	20,32%	24,11%	495	19,34%	7,88%	1161	21,23%	18,47%	531	20,79%	8,45%	6285	20,62%
8	SECTION H — TRANSPORTATION AND STORAGE	446	3,58%	33,48%	407	5,46%	30,56%	79	3,09%	5,93%	293	5,36%	22,00%	107	4,19%	8,03%	1332	4,37%
9	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	703	5,65%	24,80%	661	8,86%	23,32%	567	22,16%	20,00%	619	11,32%	21,83%	285	11,16%	10,05%	2835	9,30%
10	SECTION J — INFORMATION AND COMMUNICATION	87	0,70%	56,86%	40	0,54%	26,14%	5	0,20%	3,27%	12	0,22%	7,84%	9	0,35%	5,88%	153	0,50%
11	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	148	1,19%	38,34%	104	1,39%	26,94%	32	1,25%	8,29%	61	1,12%	15,80%	41	1,61%	10,62%	386	1,27%
12	SECTION L — REAL ESTATE ACTIVITIES	37	0,30%	39,36%	28	0,38%	29,79%	5	0,20%	5,32%	17	0,31%	18,09%	7	0,27%	7,45%	94	0,31%
13	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	228	1,83%	51,47%	93	1,25%	20,99%	14	0,55%	3,16%	64	1,17%	14,45%	44	1,72%	9,93%	443	1,45%
14	SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	144	1,16%	28,63%	81	1,09%	16,10%	155	6,06%	30,82%	88	1,61%	17,50%	35	1,37%	6,96%	503	1,65%
15	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE COMPULSORY SOCIAL SECURITY	320	2,57%	44,20%	144	1,93%	19,89%	44	1,72%	6,08%	146	2,67%	20,17%	70	2,74%	9,67%	724	2,38%
16	SECTION P — EDUCATION	246	1,98%	41,14%	161	2,16%	26,92%	48	1,88%	8,03%	82	1,50%	13,71%	61	2,39%	10,20%	598	1,96%
17	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	345	2,77%	47,98%	112	1,50%	15,58%	57	2,23%	7,93%	145	2,65%	20,17%	60	2,35%	8,34%	719	2,36%
18	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	173	1,39%	37,04%	79	1,06%	16,92%	62	2,42%	13,28%	104	1,90%	22,27%	49	1,92%	10,49%	467	1,53%
19	SECTION S — OTHER SERVICE ACTIVITIES	386	3,10%	48,13%	178	2,39%	22,19%	70	2,74%	8,73%	115	2,10%	14,34%	53	2,08%	6,61%	802	2,63%
20	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS UNDIFFERENTIATED GOODS AND SERVICES PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	285	2,29%	75,40%	32	0,43%	8,47%	11	0,43%	2,91%	20	0,37%	5,29%	30	1,17%	7,94%	378	1,24%
21	SECTION U — ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES	5	0,04%	55,56%	4	0,05%	44,44%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	9	0,03%
	Total No of Undertakings	**12442**	0,00%		**7457**	0,00%		**2559**	0,00%		**5469**	0,00%		**2554**	0,00%		**30481**	
			%(4)			%4			%4			%(4)			%(4)			

Table notes:

1. Percentage contribution of District Undertakings for the specific Economic Activity, on the total number of District Undertakings.
2. Percentage contribution of District Undertakings for the specific Economic Activity, on the Cyprus wide total number of Undertakings of the same Economic Activity.
3. Percentage contribution of Cyprus wide Undertakings for the specific Economic Activity, on the total number of Undertakings.
4. Percentage contribution of District Undertakings on the total number of Undertakings Cyprus wide.

APPENDIX V: New Registered Undertakings during the Period from 1.1.2014 until 31.12.2014

S/N	ECONOMIC ACTIVITY SECTOR	DISTRICT																
		NICOSIA			LIMASSOL			FAMAGUSTA			LARNACA			PAPHOS			TOTAL	
		No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(3)
1	SECTION A — AGRICULTURE, FORESTRY AND FISHING	26	2,13%	37,68%	13	2,38%	18,84%	5	1,48%	7,25%	18	3,14%	26,09%	7	3,21%	10,14%	69	2,39%
2	SECTION B — MINING AND QUARRYING	1	0,08%	20,00%	1	0,18%	20,00%	0	0,00%	0,00%	3	0,52%	60,00%	0	0,00%	0,00%	5	0,17%
3	SECTION C — MANUFACTURING	103	8,46%	42,92%	64	11,70%	26,67%	12	3,56%	5,00%	48	8,38%	20,00%	13	5,96%	5,42%	240	8,30%
4	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	2	0,16%	100,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	2	0,07%
5	SECTION E — WATER SUPPLY SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	11	0,90%	39,29%	5	0,91%	17,86%	1	0,30%	3,57%	5	0,87%	17,86%	6	2,75%	21,43%	28	0,97%
6	SECTION F — CONSTRUCTION	298	24,47%	44,88%	130	23,77%	19,58%	69	20,47%	10,39%	113	19,72%	17,02%	54	24,77%	8,13%	664	22,95%
7	SECTION G — WHOLESALE AND RETAIL TRADE, REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	195	16,01%	40,71%	106	19,38%	22,13%	55	16,32%	11,48%	97	16,93%	20,25%	26	11,93%	5,43%	479	16,56%
8	SECTION H — TRANSPORTATION AND STORAGE	47	3,86%	35,07%	31	5,67%	23,13%	11	3,26%	8,21%	29	5,06%	21,64%	16	7,34%	11,94%	134	4,63%
9	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	112	9,20%	27,32%	80	14,63%	19,51%	84	24,93%	20,49%	110	19,20%	26,83%	24	11,01%	5,85%	410	14,17%
10	SECTION J — INFORMATION AND COMMUNICATION	8	0,66%	57,14%	5	0,91%	35,71%	0	0,00%	0,00%	0	0,00%	0,00%	1	0,46%	7,14%	14	0,48%
11	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	10	0,82%	35,71%	6	1,10%	21,43%	6	1,78%	21,43%	4	0,70%	14,29%	2	0,92%	7,14%	28	0,97%
12	SECTION L — REAL ESTATE ACTIVITIES	14	1,15%	58,33%	7	1,28%	29,17%	0	0,00%	0,00%	2	0,35%	8,33%	1	0,46%	4,17%	24	0,83%
13	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	23	1,89%	58,97%	7	1,28%	17,95%	0	0,00%	0,00%	5	0,87%	12,82%	4	1,83%	10,26%	39	1,35%
14	SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	18	1,48%	50,00%	1	0,18%	2,78%	14	4,15%	38,89%	1	0,17%	2,78%	2	0,92%	5,56%	36	1,24%
15	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE COMPULSORY SOCIAL SECURITY	68	5,58%	36,96%	24	4,39%	13,04%	17	5,04%	9,24%	65	11,34%	35,33%	10	4,59%	5,43%	184	6,36%
16	SECTION P — EDUCATION	45	3,69%	35,43%	34	6,22%	26,77%	16	4,75%	12,60%	17	2,97%	13,39%	15	6,88%	11,81%	127	4,39%
17	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	120	9,85%	61,22%	4	0,73%	2,04%	21	6,23%	10,71%	26	4,54%	13,27%	25	11,47%	12,76%	196	6,77%
18	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	19	1,56%	39,58%	11	2,01%	22,92%	5	1,48%	10,42%	12	2,09%	25,00%	1	0,46%	2,08%	48	1,66%
19	SECTION S — OTHER SERVICE ACTIVITIES	44	3,61%	43,14%	16	2,93%	15,69%	20	5,93%	19,61%	16	2,79%	15,69%	6	2,75%	5,88%	102	3,53%
20	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS UNDIFFERENTIATED GOODS AND SERVICESPRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	54	4,43%	84,38%	2	0,37%	3,13%	1	0,30%	1,56%	2	0,35%	3,13%	5	2,29%	7,81%	64	2,21%
21	SECTION U — ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%
	Total No of Undertakings:	**1218**	42,10%		**547**	18,91%		**337**	11,65%		**573**	19,81%		**218**	7,54%		**2893**	
			%(4)			%4			%4			%(4)			%(4)			

Table notes:

1. Percentage contribution of District Undertakings for the specific Economic Activity, on the total number of District Undertakings.
2. Percentage contribution of District Undertakings for the specific Economic Activity, on the Cyprus wide total number of Undertakings of the same Economic Activity.
3. Percentage contribution of Cyprus wide Undertakings for the specific Economic Activity, on the total number of Undertakings.
4. Percentage contribution of District Undertakings on the total number of Undertakings Cyprus wide.

APPENDIX VI: Contraventions and related laws / regulations

TABLE 1: Number of Contraventions and Fines imposed on 19 Legal Proceedings completed in 2014

No	Laws/Regulations	Number of Contraventions [1]				Total amount of fines charged in Euros €			
		2011	2012	2013	2014	2011	2012	2013	2014
1	The Safety and Health at Work Law of 1996 - 2011	45	37[2]	16	14	62050	66500	19600	37200
2	The Factories Law of 1957, Cap. 134	0	0	1	0	0	0	700	0
3	The Safety and Health at Work (Accidents and Dangerous Occurrences Notification) Regulations of 2007	4	2	2	5	1750	1000	1800	3500
4	The Safety and Health (Minimum Requirements for Temporary or Mobile Construction Sites) Regulations of 2002	75	71	44[3]	6	47250	75500	52350	29500
5	The Management of Safety and Health Issues at Work Regulations of 2002	13	16	9	8	6800	9950	5950	13000
6	The Minimum Requirements for Safety and Health (Use of Work Equipment at Work) Regulations of 2001 and 2004	13	15	0	10	10800	11600	11000	20100
7	The Minimum Requirements for Safety and Health at the Workplace Regulations of 2002 and 2004	6	1	2	10	2600	400	1100	14300
8	The Minimum Requirements for Safety and Health Signs at Work Regulations of 2000	1	1	0	1	200	200	0	1500
9	The Minimum Requirements for Safety and Health (Use of Personal Protective Equipment at Work) Regulations of 2001	0	3	0	0	0	1000	0	0
10	The Employer's Liability (Compulsory Insurance) Laws of 1989 - 2011	1[4]	1	3[5]	2	0	500	1300	1100
11	The Safety and Health at Work (Protection from Asbestos) Regulations of 2006	2	0	6	0	1600	0	3550	0
12	The Safety and Health at Work (Biological Agents) Regulations of 2001	0	0	1	0	0	0	1000	0
13	The Safety and Health at Work (Chemical Agents) Regulations of 2001	0	2	0	0	0	350	0	0
14	The Essential Requirements (Machinery) Regulations of 2003 *(abolished 29/12/2009)*	1	0	0	0	500	0	0	0
	TOTAL	**161**	**149**	**84**	**56**	**133550**	**167000**	**98350**	**120200**

[1] A completed case may involve more than one contravention.
[2] The sentence for one of the contraventions was 3 months of imprisonment with 3 years of suspension.
[3] The sentence for two of the contraventions were 2 and 3 months of imprisonment, respectively.
[4] The sentence of the contravention was 6 months of imprisonment.
[5] The sentence for one of the contraventions was 2 months of imprisonment.

TABLE 2: Laws / Regulations on Safety and Health issues, upon which new legal cases were compiled and sent to the Legal Service in 2014

No	Laws / Regulations	No of Contraventions[1]
1.	The Safety and Health at Work Law of 1996 - 2011	34
2.	The Safety and Health at Work (Accidents and Dangerous Occurrences Notification) Regulations of 2007	8
3.	The Safety and Health (Minimum Requirements for Temporary or Mobile Construction Sites) Regulations of 2002	24
4.	The Management of Safety and Health Issues at Work Regulations of 2002	19
5.	The Minimum Requirements for Safety and Health (Use of Work Equipment at Work) Regulations of 2001 and 2004	16
6.	The Minimum Requirements for Safety and Health at the Workplace Regulations of 2002 and 2004	17
7.	The Employer's Liability (Compulsory Insurance) Laws of 1989 - 2011	2
8.	The Safety and Health at Work (Biological Agents) Regulations of 2001	1
9.	The Safety and Health at Work (Chemical Agents) Regulations of 2001	1
10.	The Essential Requirements (Lifts) Regulations of 2003	2

[1] Indicates the number of cases that the Laws or Regulations were violated. 20 legal cases were compiled for breaching the provisions of one or more legislations (Laws or Regulations).

APPENDIX VII

Analysis of Work Accidents for the Year 2014 by Economic Activity Sector, Gender, Age, Degree of Injury & Causation

(Employed Persons only, during their work)

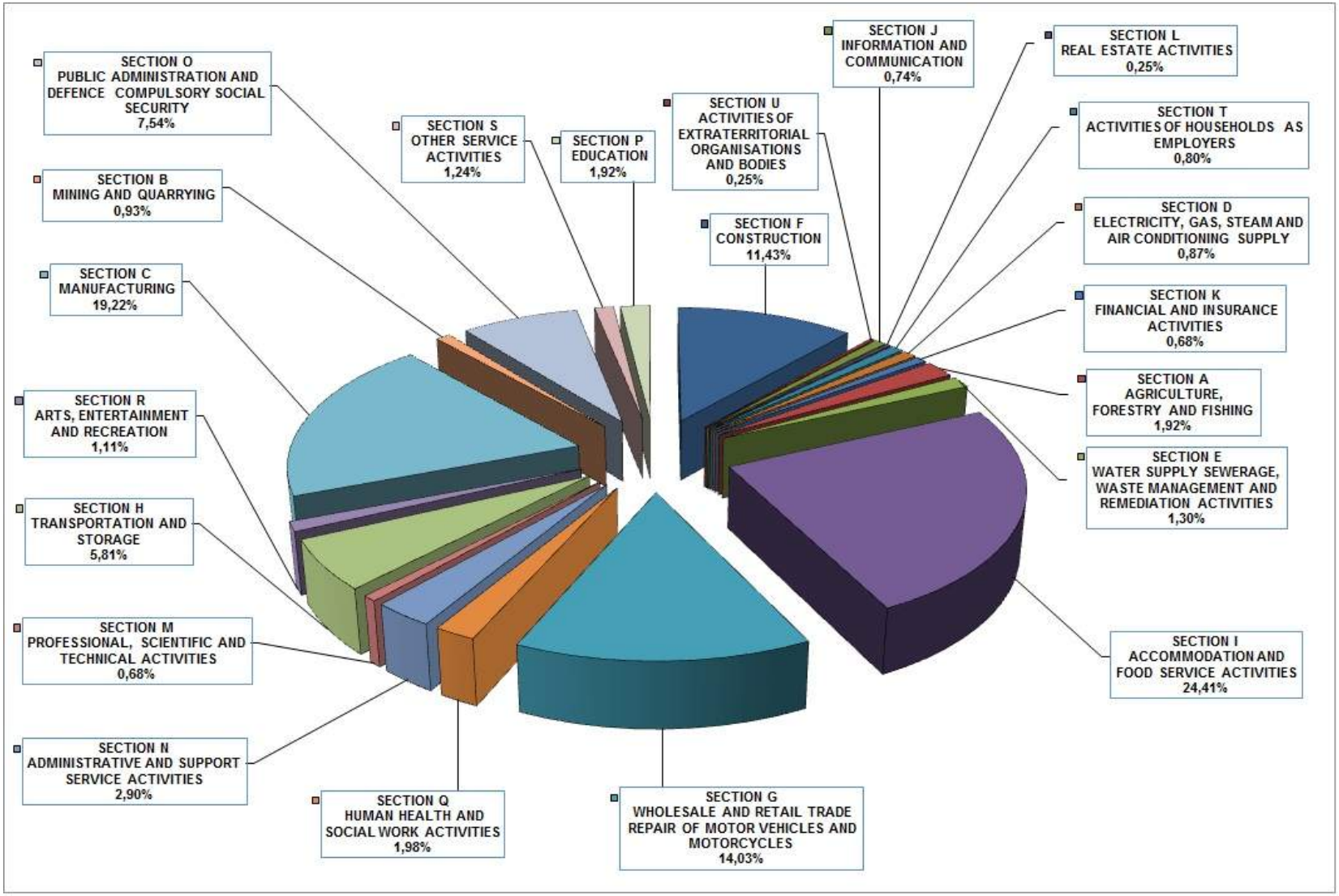
S/N	ECONOMIC ACTIVITY (NACE 2)	NO. OF ACCIDENTS	%	GENDER		AGE		INJURY DEGREE		CAUSATION				
				Male	Female	Under 18	8 and Above	Fatal	Non Fatal	Buildings / Structures	Machinery / Equipment	Transpor - tation Means	Materials / Substances	Other Causes
1	**SECTION A — AGRICULTURE, FORESTRY AND FISHING**	**31**	**1,92%**											
2	Crop and animal production, hunting and related service activities	25	1,55%	20	5	1	24	0	25	7	5	2	2	9
3	Forestry and logging	4	0,25%	4	0	0	4	0	4	1	2	0	0	1
4	Fishing and aquaculture	2	0,12%	2	0	0	2	0	2	0	0	1	1	0
5	**SECTION B — MINING AND QUARRYING**	**15**	**0,93%**											
6	Mining of coal and lignite	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
7	Extraction of crude petroleum and natural gas	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
8	Mining of metal ores	3	0,19%	3	0	0	3	0	3	1	1	0	1	0
9	Other mining and quarrying	11	0,68%	11	0	0	11	0	11	3	2	1	4	1
10	Mining support service activities	1	0,06%	1	0	0	1	0	1	1	0	0	0	0
11	**SECTION C — MANUFACTURING**	**311**	**19,22%**											
12	Manufacture of food products	131	8,10%	84	47	0	131	0	131	43	33	10	32	13
13	Manufacture of beverages	16	0,99%	15	1	0	16	1	15	6	2	0	8	0
14	Manufacture of tobacco products	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
15	Manufacture of textiles	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
16	Manufacture of wearing apparel	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
17	Manufacture of leather and related products	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
18	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	20	1,24%	20	0	0	20	0	20	3	9	0	7	1
19	Manufacture of paper and paper products	8	0,49%	6	2	0	8	0	8	1	0	3	2	2
20	Printing and reproduction of recorded media	2	0,12%	2	0	0	2	0	2	0	1	0	0	1
21	Manufacture of coke and refined petroleum products	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
22	Manufacture of chemicals and chemical products	3	0,19%	2	1	0	3	0	3	0	1	1	1	0
23	Manufacture of basic pharmaceutical products and	18	1,11%	11	7	0	18	0	18	4	5	0	8	1
24	Manufacture of rubber and plastic products	17	1,05%	17	0	0	17	0	17	3	5	3	5	1
25	Manufacture of other non-metallic mineral products	23	1,42%	23	0	0	23	0	23	3	5	5	9	1
26	Manufacture of basic metals	3	0,19%	3	0	0	3	0	3	0	1	0	2	0
27	Manufacture of fabricated metal products, except machinery	36	2,22%	35	1	0	36	0	36	6	12	0	17	1
28	Manufacture of computer, electronic and optical products	1	0,06%	1	0	0	1	0	1	0	0	1	0	0
29	Manufacture of electrical equipment	4	0,25%	4	0	0	4	0	4	0	2	0	1	1
30	Manufacture of machinery and equipment n.e.c.	7	0,43%	7	0	0	7	0	7	2	2	0	3	0
31	Manufacture of motor vehicles, trailers and semi-trailers	2	0,12%	2	0	0	2	0	2	0	0	0	2	0
32	Manufacture of other transport equipment	2	0,12%	2	0	0	2	0	2	2	0	0	0	0
33	Manufacture of furniture	11	0,68%	11	0	0	11	0	11	0	5	0	6	0
34	Other manufacturing	5	0,31%	5	0	0	5	0	5	2	0	0	3	0
35	Repair and installation of machinery and equipment	2	0,12%	2	0	0	2	0	2	0	1	1	0	0
36	**SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY**	**14**	**0,87%**											
37	Electricity, gas, steam and air conditioning supply	14	0,87%	14	0	0	14	0	14	5	4	1	3	1
38	**SECTION E — WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES**	**21**	**1,30%**											
39	Water collection, treatment and supply	8	0,49%	8	0	0	8	0	8	2	1	3	1	1
40	Sewerage	3	0,19%	3	0	0	3	0	3	0	1	2	0	0
41	Waste collection, treatment and disposal activities, materials recovery	8	0,49%	8	0	0	8	0	8	2	3	2	1	0
42	Remediation activities and other waste management services	2	0,12%	2	0	0	2	0	2	1	1	0	0	0
43	**SECTION F — CONSTRUCTION**	**185**	**11,43%**											
44	Construction of buildings	96	5,93%	94	2	0	96	0	96	40	18	3	29	6
45	Civil engineering	16	0,99%	16	0	0	16	1	15	5	4	1	6	0
46	Specialised construction activities	73	4,51%	72	1	0	73	0	73	37	15	2	15	4
47	**SECTION G — WHOLESALE AND RETAIL TRADE, REPAIR OF MOTOR VEHICLES AND MOTORCYCLES**	**227**	**14,03%**											
48	Wholesale and retail trade and repair of motor vehicles and motorcycles	25	1,55%	25	0	0	25	0	25	7	5	5	8	0
49	Wholesale trade, except of motor vehicles and motorcycles	58	3,58%	52	6	0	58	0	58	18	13	9	12	6
50	Retail trade, except of motor vehicles and motorcycles	144	8,90%	65	79	1	143	0	144	36	59	7	29	13

S/N	ECONOMIC ACTIVITY (NACE 2)	NO. OF ACCIDENTS	%	GENDER		AGE		INJURY DEGREE		CAUSATION				
				Male	Female	Under 18	8 and Above	Fatal	Non Fatal	Buildings / Structures	Machinery / Equipment	Transpor - tation Means	Materials / Substances	Other Causes
51	**SECTION H — TRANSPORTATION AND STORAGE**	**94**	**5,81%**											
52	Land transport and transport via pipelines	22	1,36%	20	2	0	22	0	22	9	0	10	1	2
53	Water transport	1	0,06%	1	0	0	1	0	1	0	0	1	0	0
54	Air transport	1	0,06%	0	1	0	1	0	1	0	1	0	0	0
55	Warehousing and support activities for transportation	66	4,08%	55	11	0	66	1	65	20	15	10	17	4
56	Postal and courier activities	4	0,25%	4	0	0	4	0	4	2	0	2	0	0
57	**SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES**	**395**	**24,41%**											
58	Accommodation	244	15,08%	113	131	4	240	1	243	105	72	3	55	9
59	Food and beverage service activities	151	9,33%	101	50	1	150	0	151	44	24	46	24	13
60	**SECTION J — INFORMATION AND COMMUNICATION**	**12**	**0,74%**											
61	Publishing activities	1	0,06%	0	1	0	1	0	1	0	0	1	0	0
62	Motion picture, video and television programme production, sound recording and music publishing activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
63	Programming and broadcasting activities	3	0,19%	3	0	0	3	0	3	1	0	1	1	0
64	Telecommunications	8	0,49%	5	3	0	8	0	8	4	0	1	2	1
65	Computer programming, consultancy and related activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
66	Information service activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
67	**SECTION K — FINANCIAL AND INSURANCE ACTIVITIES**	**11**	**0,68%**											
68	Financial service activities, except insurance and pension funding	11	0,68%	4	7	0	11	0	11	6	1	1	1	2
69	Insurance, reinsurance and pension funding, except compulsory social security	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
70	Activities auxiliary to financial services and insurance activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
71	**SECTION L — REAL ESTATE ACTIVITIES**	**4**	**0,25%**											
72	Real estate activities	4	0,25%	1	3	0	4	0	4	3	0	0	0	1
73	**SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES**	**11**	**0,68%**											
74	Legal and accounting activities	2	0,12%	2	0	0	2	0	2	0	0	1	1	0
75	Activities of head offices; management consultancy activities	1	0,06%	1	0	0	1	0	1	1	0	0	0	0
76	Architectural and engineering activities; technical testing and analysis	6	0,37%	5	1	0	6	0	6	1	2	1	2	0
77	Scientific research and development	1	0,06%	1	0	0	1	0	1	0	1	0	0	0
78	Advertising and market research	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
79	Other professional, scientific and technical activities	1	0,06%	1	0	0	1	0	1	0	0	0	1	0
80	Veterinary activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
81	**SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES**	**47**	**2,90%**											
82	Rental and leasing activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
83	Employment activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
84	Travel agency, tour operator reservation service and related activities	2	0,12%	0	2	0	2	0	2	1	0	0	0	1
85	Security and investigation activities	5	0,31%	5	0	0	5	0	5	2	0	3	0	0
86	Services to buildings and landscape activities	14	0,87%	7	7	0	14	0	14	9	1	2	1	1
87	Office administrative, office support and other business support activities	26	1,61%	22	4	0	26	0	26	9	4	1	7	5

S/N	ECONOMIC ACTIVITY (NACE 2)	NO. OF ACCIDENTS	%	GENDER		AGE		INJURY DEGREE		CAUSATION				
				Male	Female	Under 18	8 and Above	Fatal	Non Fatal	Buildings / Structures	Machinery / Equipment	Transpor - tation Means	Materials / Substances	Other Causes
88	**SECTION O — PUBLIC ADMINISTRATION AND DEFENCE, COMPULSORY SOCIAL SECURITY**	**122**	**7,54%**											
89	Public administration and defence; compulsory social security	122	7,54%	103	19	0	122	0	122	38	12	24	25	23
90	**SECTION P — EDUCATION**	**31**	**1,92%**											
91	Education	31	1,92%	6	25	0	31	0	31	21	2	3	1	4
92	**SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES**	**32**	**1,98%**											
93	Human health activities	16	0,99%	4	12	0	16	0	16	7	1	2	3	3
94	Residential care activities	5	0,31%	2	3	0	5	0	5	0	0	3	0	2
95	Social work activities without accommodation	11	0,68%	1	10	0	11	0	11	5	0	1	1	4
96	**SECTION R — ARTS, ENTERTAINMENT AND RECREATION**	**18**	**1,11%**											
97	Creative, arts and entertainment activities	6	0,37%	5	1	0	6	0	6	3	0	2	0	1
98	Libraries, archives, museums and other cultural activities	2	0,12%	2	0	0	2	0	2	0	0	0	1	1
99	Gambling and betting activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
100	Sports activities and amusement and recreation activities	10	0,62%	7	3	0	10	0	10	5	0	2	1	2
101	**SECTION S — OTHER SERVICE ACTIVITIES**	**20**	**1,24%**											
102	Activities of membership organisations	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
103	Repair of computers and personal and household goods	4	0,25%	4	0	0	4	0	4	0	3	0	1	0
104	Other personal service activities	16	0,99%	11	5	0	16	1	15	7	1	3	4	1
105	**SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE**	**13**	**0,80%**											
106	Activities of households as employers of domestic personnel	13	0,80%	0	13	0	13	0	13	10	0	0	2	1
107	Undifferentiated goods- and services-producing activities of private households for own use	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
108	**SECTION U — ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES**	**4**	**0,25%**											
109	Activities of extraterritorial organisations and bodies	4	0,25%	2	2	0	4	0	4	0	2	0	1	1
	TOTAL	**1618**		**1150**	**468**	**7**	**1611**	**5**	**1613**	**554**	**360**	**187**	**371**	**146**

APPENDIX VIII

GRAPH: Analysis of Work Accidents by Economic Activity for the Year 2014
(Employed Persons only, during their work)



APPENDIX IX: Analysis of Work Accidents by Economic Activity Sector and District for the Year 2014
(Employed Persons only, during their work)

S/N	ECONOMIC ACTIVITY (NACE 2)	NO. OF ACCIDENTS	%	DISTRICT				
				NICOSIA	LIMASSOL	LARNACA	PAPHOS	FAMAGUSTA
1	SECTION A — AGRICULTURE, FORESTRY AND FISHING	31	1,92%	13	4	7	5	2
2	SECTION B — MINING AND QUARRYING	15	0,93%	7	3	4	1	0
3	SECTION C — MANUFACTURING	311	19,22%	100	112	67	18	14
4	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	14	0,87%	0	2	7	5	0
5	SECTION E — WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	21	1,30%	6	1	7	6	1
6	SECTION F — CONSTRUCTION	185	11,43%	48	53	47	27	10
7	SECTION G — WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	227	14,03%	74	70	52	18	13
8	SECTION H — TRANSPORTATION AND STORAGE	94	5,81%	21	20	42	8	3
9	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	395	24,41%	57	123	42	85	88
10	SECTION J — INFORMATION AND COMMUNICATION	12	0,74%	6	4	0	2	0
11	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	11	0,68%	4	1	2	2	2
12	SECTION L — REAL ESTATE ACTIVITIES	4	0,25%	0	3	0	1	0
13	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	11	0,68%	4	1	3	3	0
14	SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	47	2,90%	22	8	7	2	8
15	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY	122	7,54%	61	32	14	9	6
16	SECTION P — EDUCATION	31	1,92%	15	6	6	3	1
17	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	32	1,98%	14	8	6	3	1
18	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	18	1,11%	12	2	3	0	1
19	SECTION S — OTHER SERVICE ACTIVITIES	20	1,24%	6	5	4	3	2
20	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	13	0,80%	7	1	1	4	0
21	SECTION U — ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES	4	0,25%	0	4	0	0	0
	TOTAL	**1618**		**477**	**463**	**321**	**205**	**152**

APPENDIX X

ANALYSIS OF FATAL ACCIDENTS OCCURRED DURING YEAR 2014

(REPORTABLE ACCORDING TO THE LEGISLATION)

A. EMPLOYED PERSONS during work (Total No. of Accidents: 8)

No.	District	Number of Victims	Economic Activity Sector of Employer	Accident Causation
1.	Nicosia	1	Metal Structures	Electrocution
2.	Nicosia	1	Garbage collection	Crushed by a vehicle wheel
3.	Nicosia	1	Manufacturing and installation of billboards and related equipment	Fall from a lifting equipment
4.	Nicosia	1	Production of biodiesel	Fall from a height
5.	Limassol	1	Distribution of hair saloon products	Road accident
6.	Larnaca	1	Desalination works	Drowning after falling in a water tank
7.	Famagusta	1	Building constructions works	Buried from bulk of earthling materials
8.	Famagusta	1	Hotel activities	Fall from a ladder

B. EMPLOYED PERSONS during their normal journey from their house to work – *commuting accidents* (Total No. of Accidents: 1)

No.	District	Number of Victims	Economic Activity Sector of Employer	Accident Causation
1.	Nicosia	1	Agricultural works	Road accident

C. SELF – EMPLOYED PERSONS during work (Total No. of Accidents: 4)

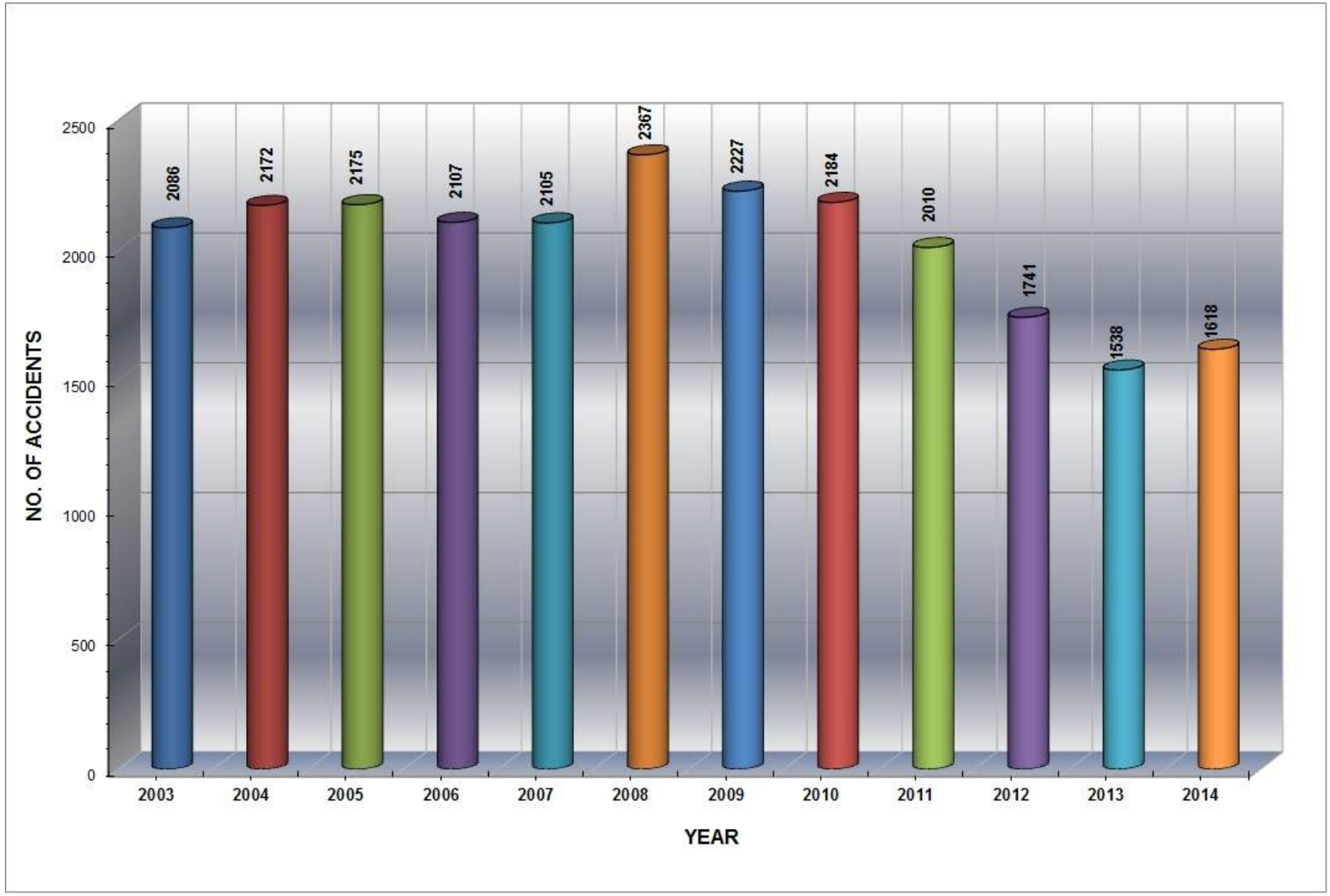
No.	District	Number of Victims	Economic Activity Sector of Employer	Accident Causation
1.	Nicosia	1	Services	Crushed by a vehicle
2.	Limassol	1	Quarrying works	Strike by loader bucket
3.	Limassol	1	Plumbing works	Crushed by a plastic water tank
4.	Pafos	1	Agricultural works	Crushed by an overturned tractor

D. PERSONS OUT OF WORK (Total No. of Accidents: 2)

No.	District	Number of Victims	Economic Activity Sector of Employer	Accident Causation
1.	Famagusta	1	Hotel Activities	Drowning after falling in a swimming pool
2.	Famagusta	1	Hotel Activities	Drowning after falling in a swimming pool

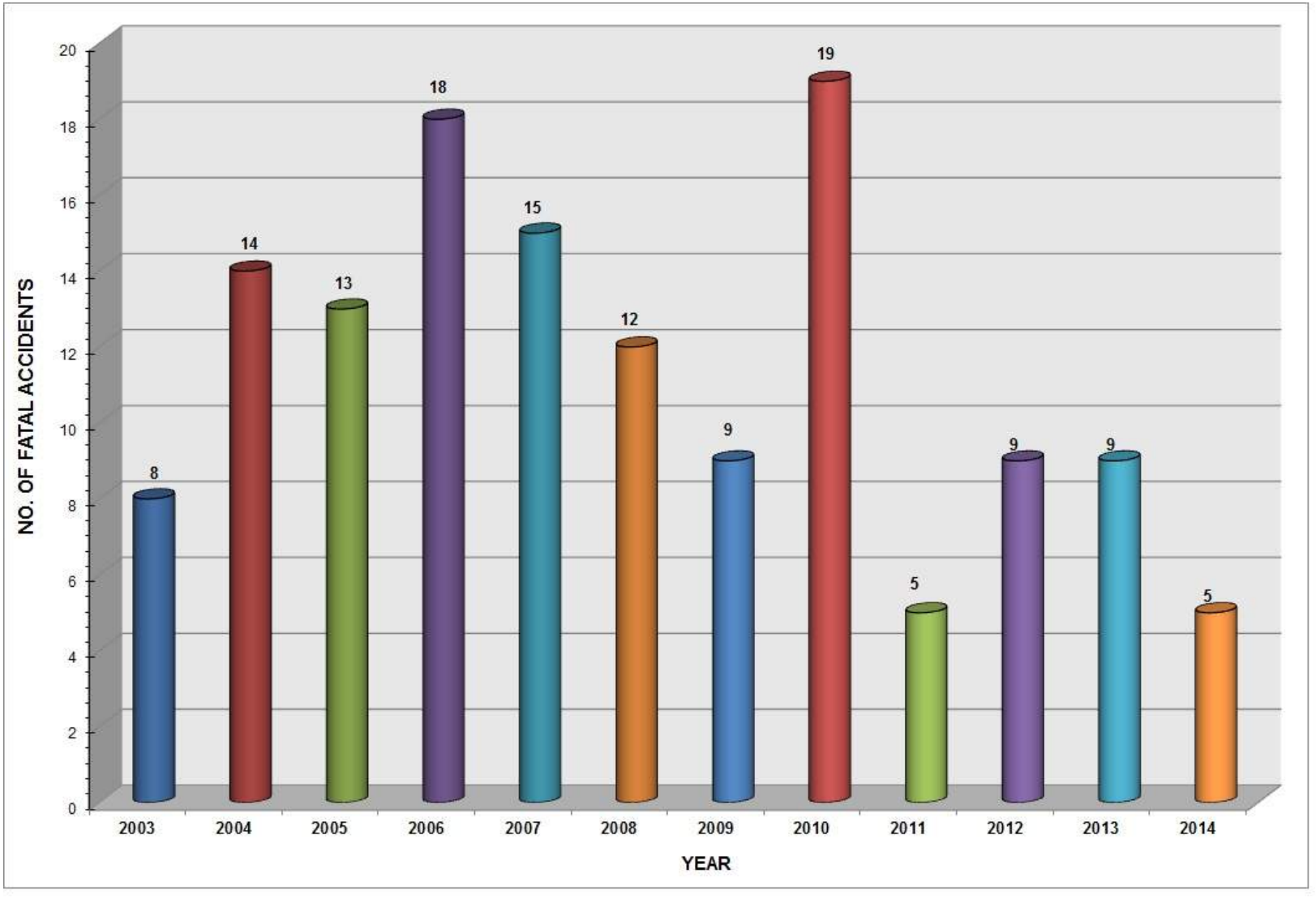
APPENDIX XI

GRAPH: Accidents Reported during the Period 2003 – 2014
(Employed Persons only, during their work)



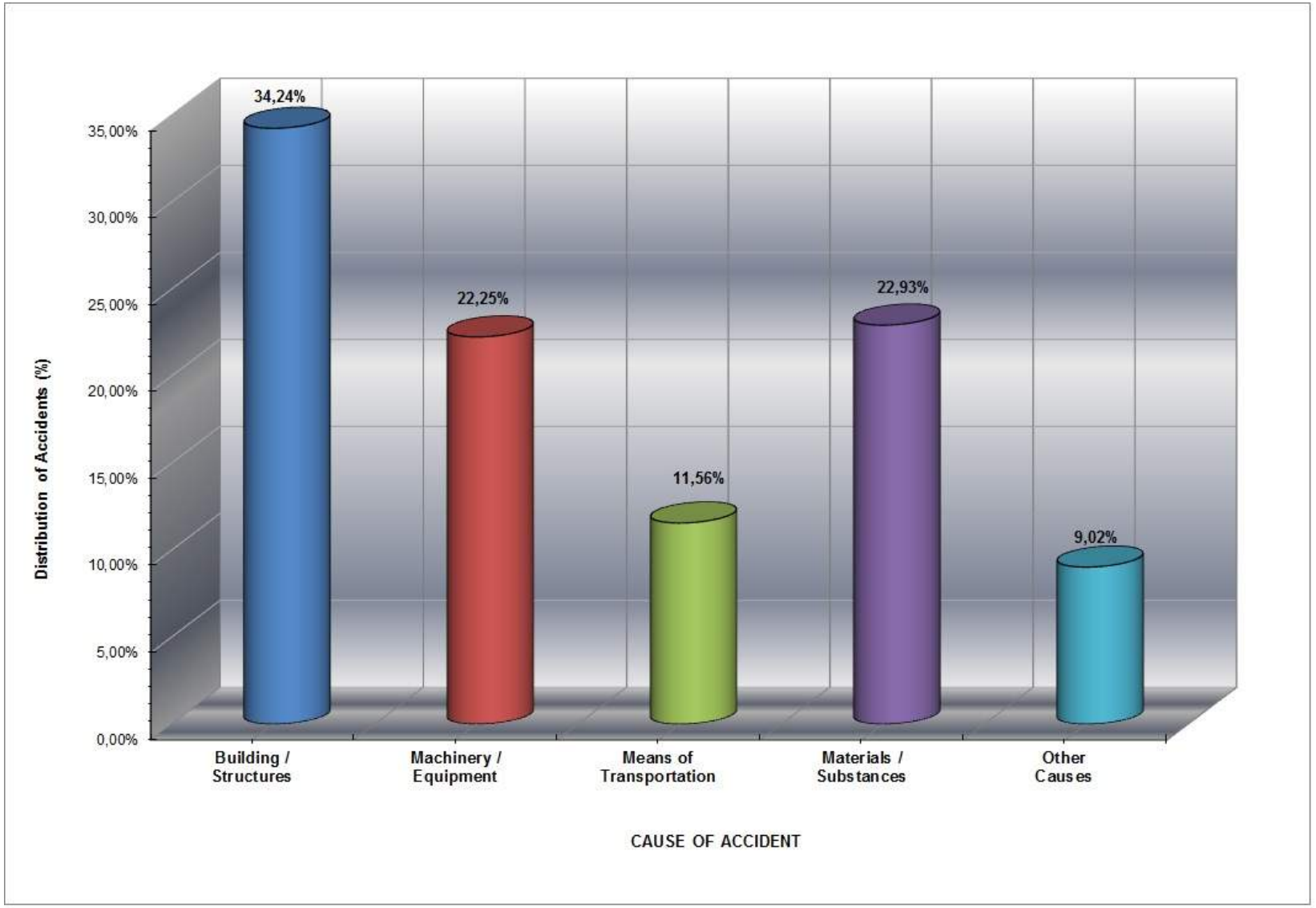
APPENDIX XII

GRAPH: Fatal Accidents Reported during the Period 2003 - 2014
(Employed Persons only, during their work)



APPENDIX XIII

GRAPH: Analysis of Work Accidents Reported during the Year 2014 by Cause
(Employed Persons only, during their work)



APPENDIX XIV: Accidents Frequency Index by Economic Activity for the Year 2014
(Employed Persons only, during their work)

PRELIMINARY RESULTS (Note 1)

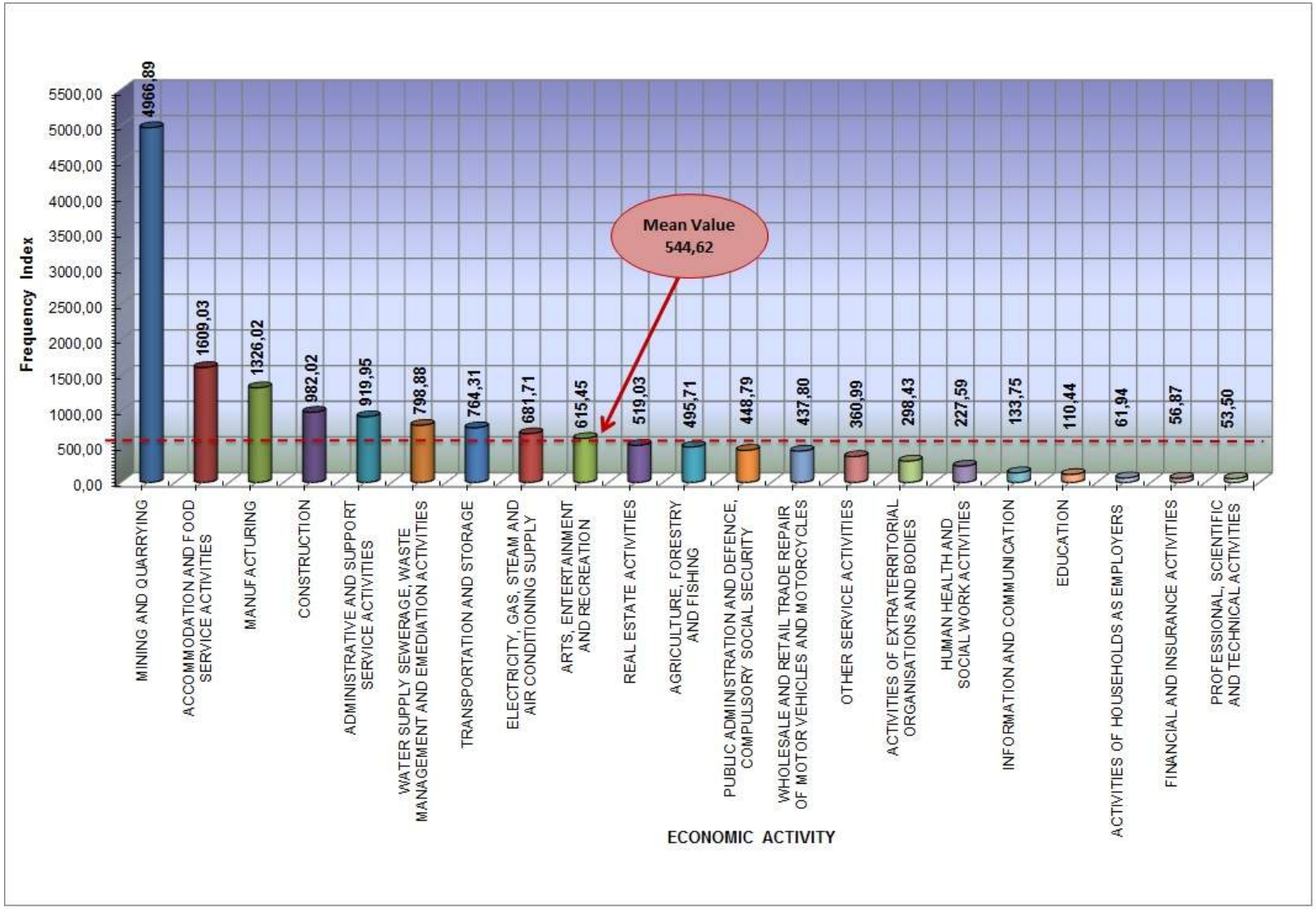
No	ECONOMIC ACTIVITY SECTOR	NUMBER OF ACCIDENTS	NUMBER OF EMPLOYED PERSONS (Note 1)	FREQUENCY INDEX (Note 2)
1	SECTION A — AGRICULTURE, FORESTRY AND FISHING	31	**6254**	495,71
2	SECTION B — MINING AND QUARRYING	15	**302**	4966,89
3	SECTION C — MANUFACTURING	311	**23454**	1326,02
4	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	14	**2054**	681,71
5	SECTION E — WATER SUPPLY, SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	21	**2629**	798,88
6	SECTION F — CONSTRUCTION	185	**18839**	982,02
7	SECTION G — WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	227	**51850**	437,80
8	SECTION H — TRANSPORTATION AND STORAGE	94	**12299**	764,31
9	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	395	**24549**	1609,03
10	SECTION J — INFORMATION AND COMMUNICATION	12	**8972**	133,75
11	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	11	**19343**	56,87
12	SECTION L — REAL ESTATE ACTIVITIES	4	**771**	519,03
13	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	11	**20559**	53,50
14	SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	47	**5109**	919,95
15	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE, COMPULSORY SOCIAL SECURITY	122	**27184**	448,79
16	SECTION P — EDUCATION	31	**28069**	110,44
17	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	32	**14060**	227,59
18	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	18	**2925**	615,45
19	SECTION S — OTHER SERVICE ACTIVITIES	20	**5540**	360,99
20	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS, UNDIFFERENTIATED GOODS - AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	13	**20989**	61,94
21	SECTION U — ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES	4	**1340**	298,43
	TOTAL / MEAN VALUE	**1618**	**297089**	**544,62**

Note 1: Results are **Preliminary and not Final**, as number of employed persons are according to the data of the Labour Force Survey of the Statistics Department, for the first, second and third quarter average of the year and not the year average. Final results will be issued soon after the year average will be available.

Note 2: Frequency Index = (Number of Accidents / Number of Employed Persons) X 100.000.

APPENDIX XV:
GRAPH: Frequency Index by Economic Activity for the Year 2014

PRELIMINARY RESULTS



APPENDIX XVI

GRAPH: Trend of Frequency Index – No of Accidents, No of employees, Totals – Averages for the Period 2003 - 2014

Note 1: Incidence Rate results for year 2014 are preliminary and not final, as the number of employees shown above, is based on the data extracted from the Labour Force Survey of the Statistics Department, for the first, second and third quarter average of the year and not the year average.

Note 2: Number of accidents, refers to accidents that occurred to employees, during their work and reported to the Department of Labour Inspection.

APPENDIX XVII: Accidents Frequency Index by Economic Activity for the Year 2013. Classification by Economic Activity Sector
(Employed Persons only, during their work)

FINAL RESULTS (Note 1)

No	ECONOMIC ACTIVITY SECTOR	NUMBER OF ACCIDENTS	NUMBER OF EMPLOYED PERSONS (Note 1)	FREQUENCY INDEX (Note 2)
1	SECTION A — AGRICULTURE, FORESTRY AND FISHING	28	3996	700,70
2	SECTION B — MINING AND QUARRYING	9	647	1391,04
3	SECTION C — MANUFACTURING	306	22352	1369,01
4	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	18	1888	953,39
5	SECTION E — WATER SUPPLY SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	30	4608	651,04
6	SECTION F — CONSTRUCTION	250	23264	1074,62
7	SECTION G — WHOLESALE AND RETAIL TRADE, REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	180	56198	320,30
8	SECTION H — TRANSPORTATION AND STORAGE	102	13715	743,71
9	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	324	25908	1250,58
10	SECTION J — INFORMATION AND COMMUNICATION	17	8169	208,10
11	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	10	20867	47,92
12	SECTION L — REAL ESTATE ACTIVITIES	3	797	376,41
13	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	9	19224	46,82
14	SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	32	5800	551,72
15	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE, COMPULSORY SOCIAL SECURITY	134	27186	492,90
16	SECTION P — EDUCATION	24	27281	87,97
17	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	28	14020	199,71
18	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	18	3349	537,47
19	SECTION S — OTHER SERVICE ACTIVITIES	8	5966	134,09
20	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS, UNDIFFERENTIATED GOODS- AND SERVICES, PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	7	22864	30,62
21	SECTION U — ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES	1	1154	86,66
	TOTAL / MEAN VALUE	**1538**	**309253**	**497,33**

Notes:
1. Number of employed persons according to the data of the Labour Force Survey of the Statistics Department - YEAR AVERAGE
2. Frequency Index = (Number of Accidents / Number of Employed Persons) X 100.000.

APPENDIX XVIII

GRAPH: Inspections and sampling analysis of the Chemical Substances Section

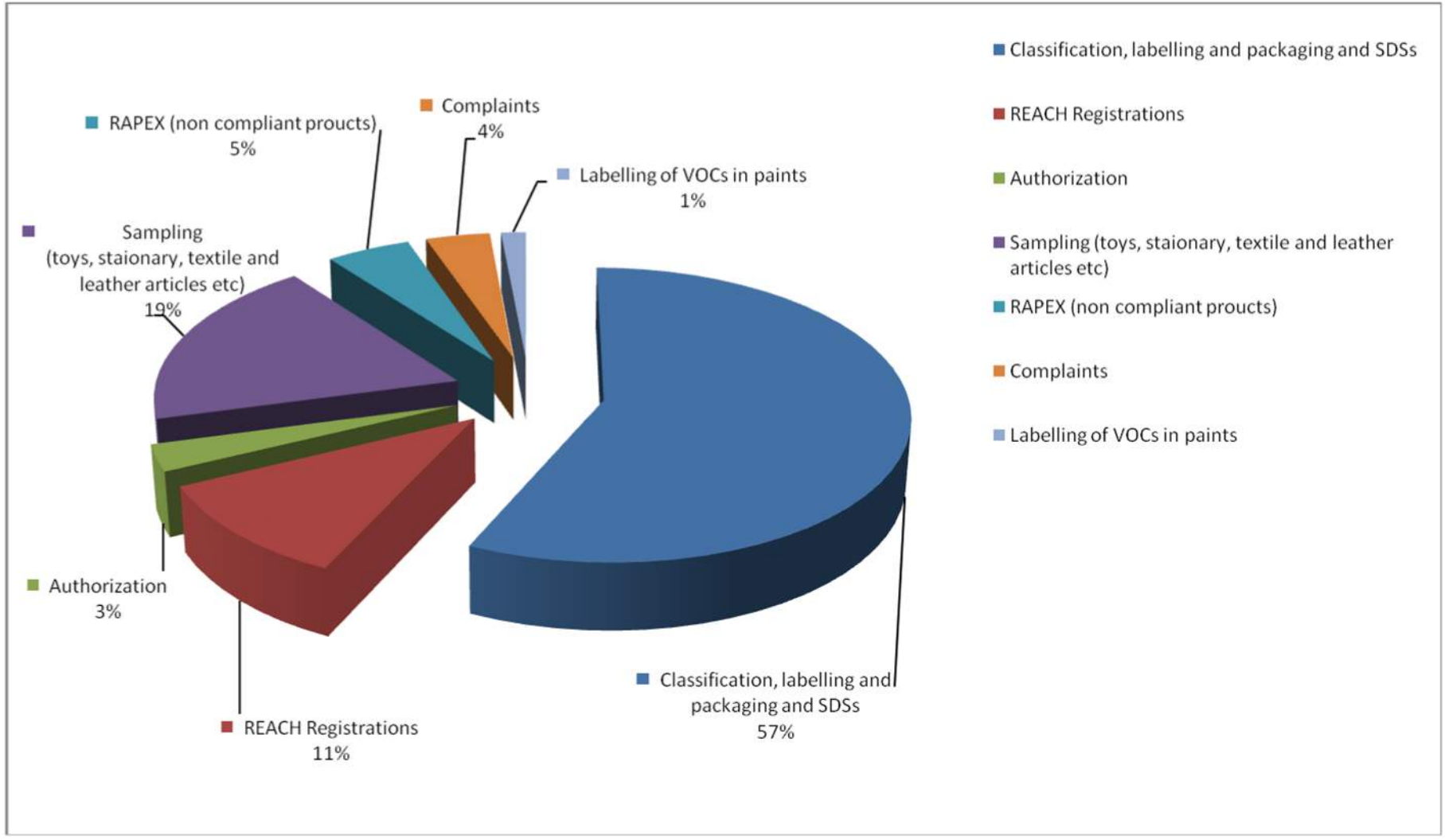


TABLE 1: Number of inspections per subject

Subject	Number of inspections
Classification, Labelling and Packaging of chemicals and Safety Data Sheets	193
Registration of substances according to REACH Regulation	37
Authorised Substances	10
Restrictions under REACH (phthalates, nickel, azodyes, organic solvents)	64
Follow up inspections - RAPEX	17
Investigation of complaints	13
VOCs content of paints	5

TABLE 2: Number of samples analysed and number of non-compliant products

Analysis of:	Samples analysed	Non – Compliant Products
Toys and childcare articles for Phthalates	37	8
Textiles for Azodyes	10	0
Superglues for organic solvents	32	6
Markers for organic solvents	33	0
Classification, labelling and packaging of Bleaching products (pH and alkalinity)	47	9
DMF in shoes and leather products	12	0
Total:	**171**	**23**

APPENDIX XIX: Machinery Inspections in 2014

No	TYPE OF MACHINERY	DISTRICT																
		NICOSIA			LIMASSOL			LARNACA			FAMAGUSTA			PAPHOS			TOTAL	
		No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(3)
1	LIFTING MACHINERY AND DEVICES	87	20,76%	38,67%	73	28,63%	32,44%	58	16,34%	25,78%	4	7,41%	1,78%	3	5,17%	1,33%	225	19,72%
2	CRANES	63	15,04%	27,39%	65	25,49%	28,26%	81	22,82%	35,22%	15	27,78%	6,52%	6	10,34%	2,61%	230	20,16%
3	TOWER CRANES	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%
4	STEAM BOILERS	110	26,25%	28,21%	104	40,78%	26,67%	106	29,86%	27,18%	31	57,41%	7,95%	39	67,24%	10,00%	390	34,18%
5	STEAM RECEIVERS	7	1,67%	100,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	7	0,61%
6	AIR RECEIVERS	152	36,28%	52,60%	13	5,10%	4,50%	110	30,99%	38,06%	4	7,41%	1,38%	10	17,24%	3,46%	289	25,33%
7	CHAINS	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%
8	ROPES	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%
9	LIFTING TACKLES	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%
TOTAL No. OF MACHINERY INSPECTIONS		**419**	36,72%		**255**	22,35%		**355**	31,11%		**54**	4,73%		**58**	5,08%		**1141**	
			%(4)			%(4)			%(4)			%(4)			%(4)			

Table Notes:
1. Percentage conribution on the Total Number of Inspections for the same District.
2. Percentage conribution on the Total Number of Inspections for the same Machinery Type Cyprus wide.
3. Percentage conribution on the Total Number of Inspections Cyprus wide.
4. Percentage conribution of District Inspections on the Total Number of Inspections Cyprus wide.

APPENDIX XX: Registered Inspectable Machinery as on 31.12.2014

No.	TYPE OF MACHINERY	DISTRICT																
		NICOSIA			LIMASSOL			LARNACA			FAMAGUSTA			PAPHOS			TOTAL	
		No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(1)	%(2)	No.	%(3)
1	LIFTING MACHINERY AND DEVICES	584	19,22%	46,35%	332	26,41%	26,35%	261	19,86%	20,71%	65	16,29%	5,16%	18	6,55%	1,43%	1260	20,05%
2	CRANES	244	8,03%	36,69%	163	12,97%	24,51%	185	14,08%	27,82%	57	14,29%	8,57%	16	5,82%	2,41%	665	10,58%
3	TOWER CRANES	4	0,13%	33,33%	6	0,48%	50,00%	1	0,08%	8,33%	1	0,25%	8,33%	0	0,00%	0,00%	12	0,19%
4	STEAM BOILERS	217	7,14%	38,68%	116	9,23%	20,68%	137	10,43%	24,42%	50	12,53%	8,91%	41	14,91%	7,31%	561	8,93%
5	STEAM RECEIVERS	124	4,08%	49,01%	54	4,30%	21,34%	63	4,79%	24,90%	4	1,00%	1,58%	8	2,91%	3,16%	253	4,03%
6	AIR RECEIVERS	1864	61,36%	52,88%	582	46,30%	16,51%	667	50,76%	18,92%	220	55,14%	6,24%	192	69,82%	5,45%	3525	56,10%
7	CHAINS	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%
8	ROPES	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%
9	LIFTING TACKLES	1	0,03%	14,29%	4	0,32%	57,14%	0	0,00%	0,00%	2	0,50%	28,57%	0	0,00%	0,00%	7	0,11%
TOTAL No. OF REGISTERED MACHINERY		**3038**	48,35%		**1257**	20,01%		**1314**	20,91%		**399**	6,35%		**275**	4,38%		**6283**	
			%(4)			%(4)			%(4)			%(4)			%(4)			

%1 1. Percentage contribution on the total Number of Inspectable Machinery for the same District.
%2 2. Percentage contribution on the total Number of Inspectable Machinery of the same Type Cyprus wide.
%3 3. Percentage contribution on the total Number of Inspectable Machinery Cyprus wide.
%4 4. Percentage contribution of District Inspectable Machinery on the total Number of Inspectable Machinery Cyprus wide.

APPENDIX XXI: Air Emission Permits

Installations for which Air Emission Permits were issued / renewed in 2014

Installation Category	Number of Air Emission Permits granted in 2014
Petrol Stations	8
Manufacture of medicines	1
Waste treatment	1
Total	**10**

APPENDIX XXII: Airquality Monitoring

Figure1: Air Quality Monitoring Stations in Cyprus

Figure 2: Air Quality monitoring station at Ayia Marina-Xyliatos

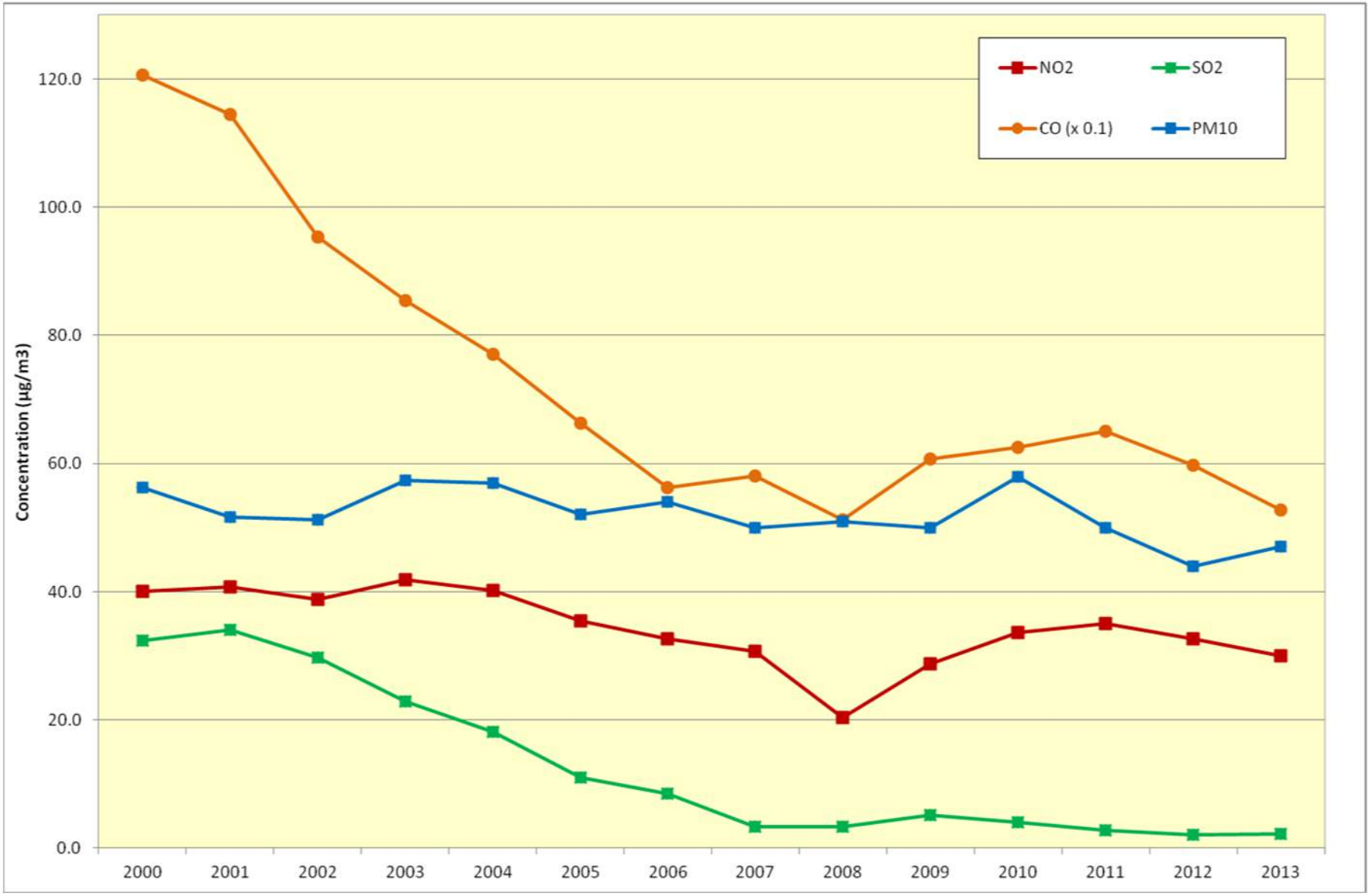


Figure 3: Annual values of NO_2, SO_2, O_3, CO and PM_{10} at the Nicosia Traffic Station

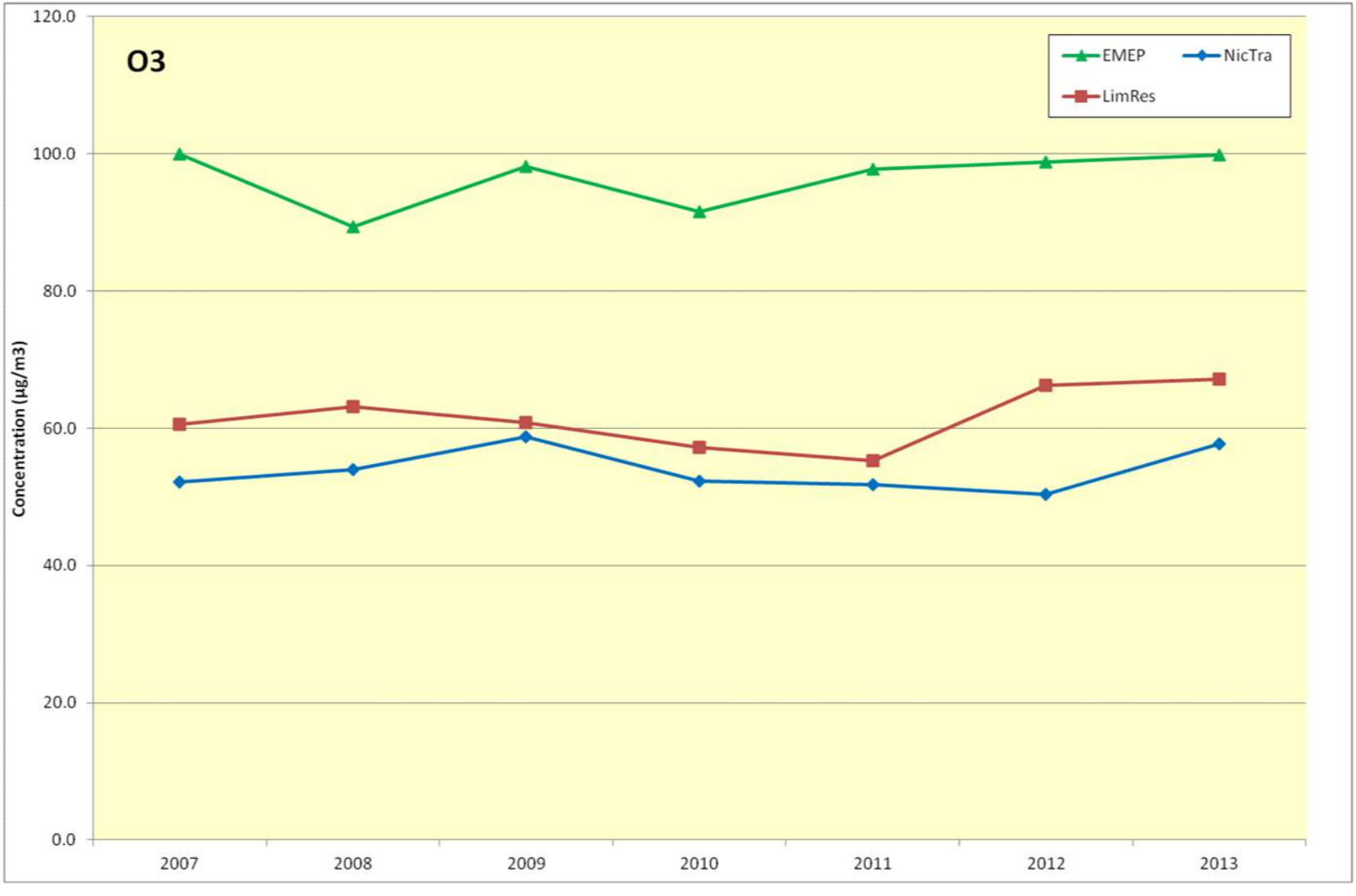


Figure 4: Annual O_3 values from three representative areas-background station (EMEP), residential station (LimRes) and traffic station (NicTra)

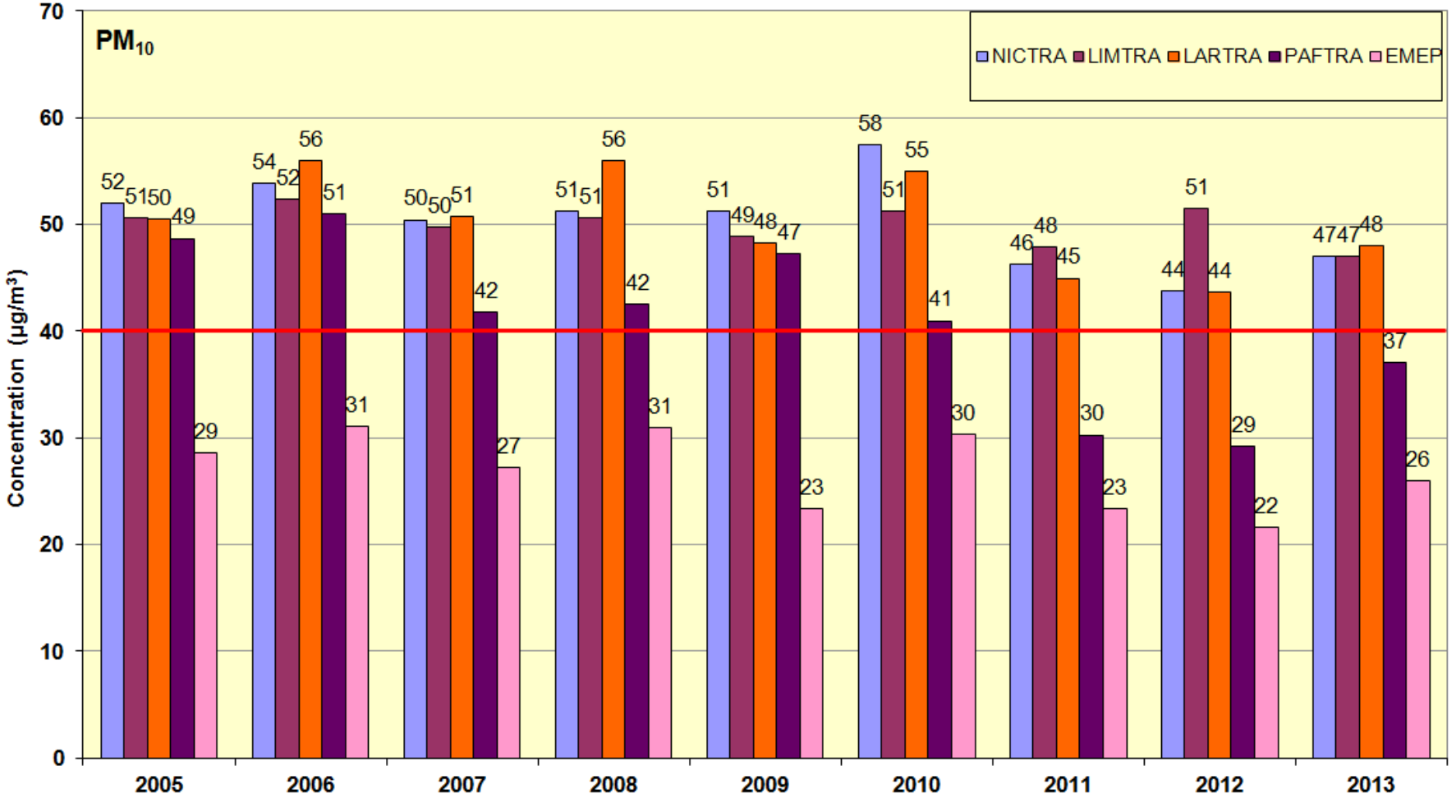


Figure 5: Annual PM_{10} values at various locations in Cyprus

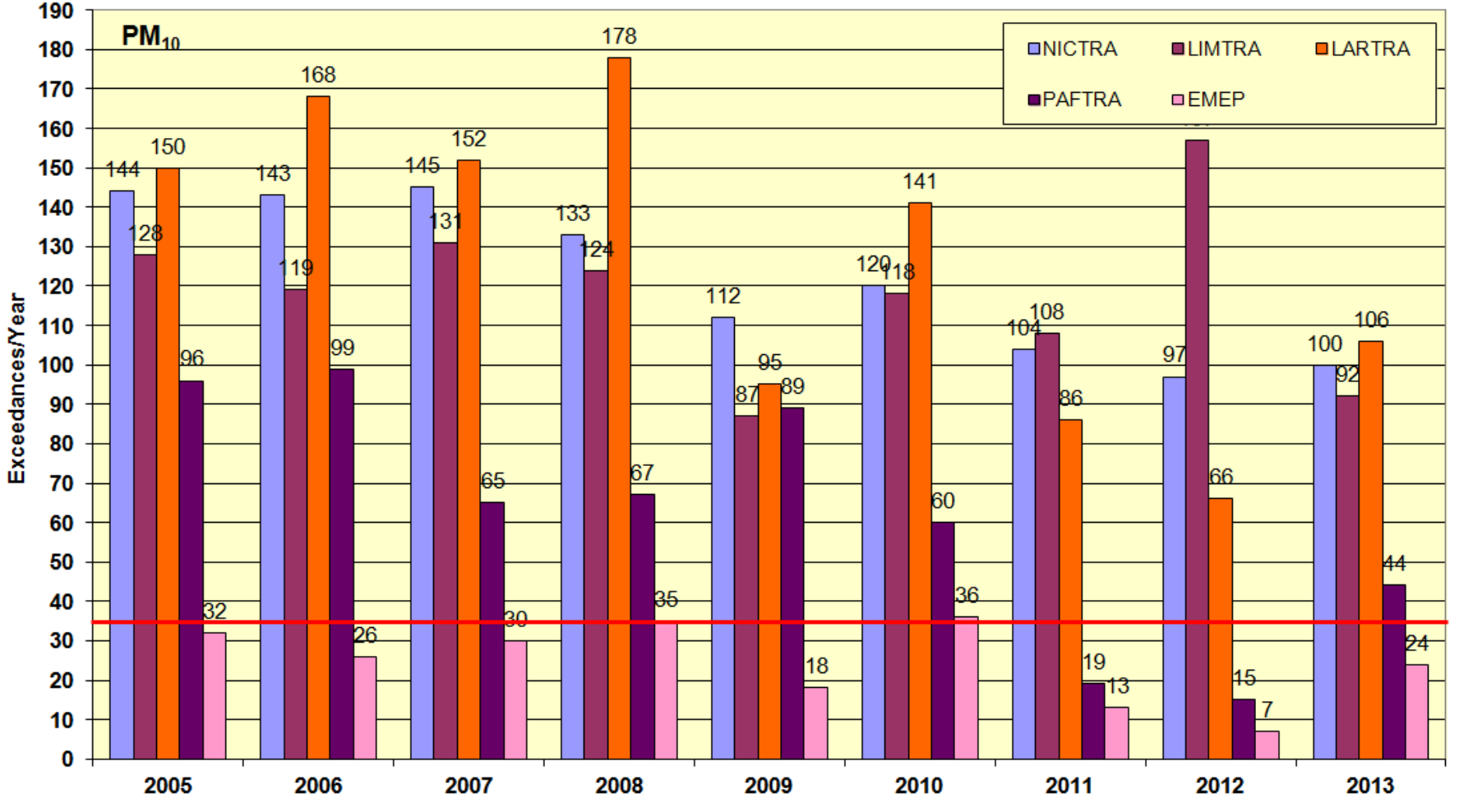


Figure 6: Number of exceedances of the 24hr limit PM_{10} value at various locations in Cyprus

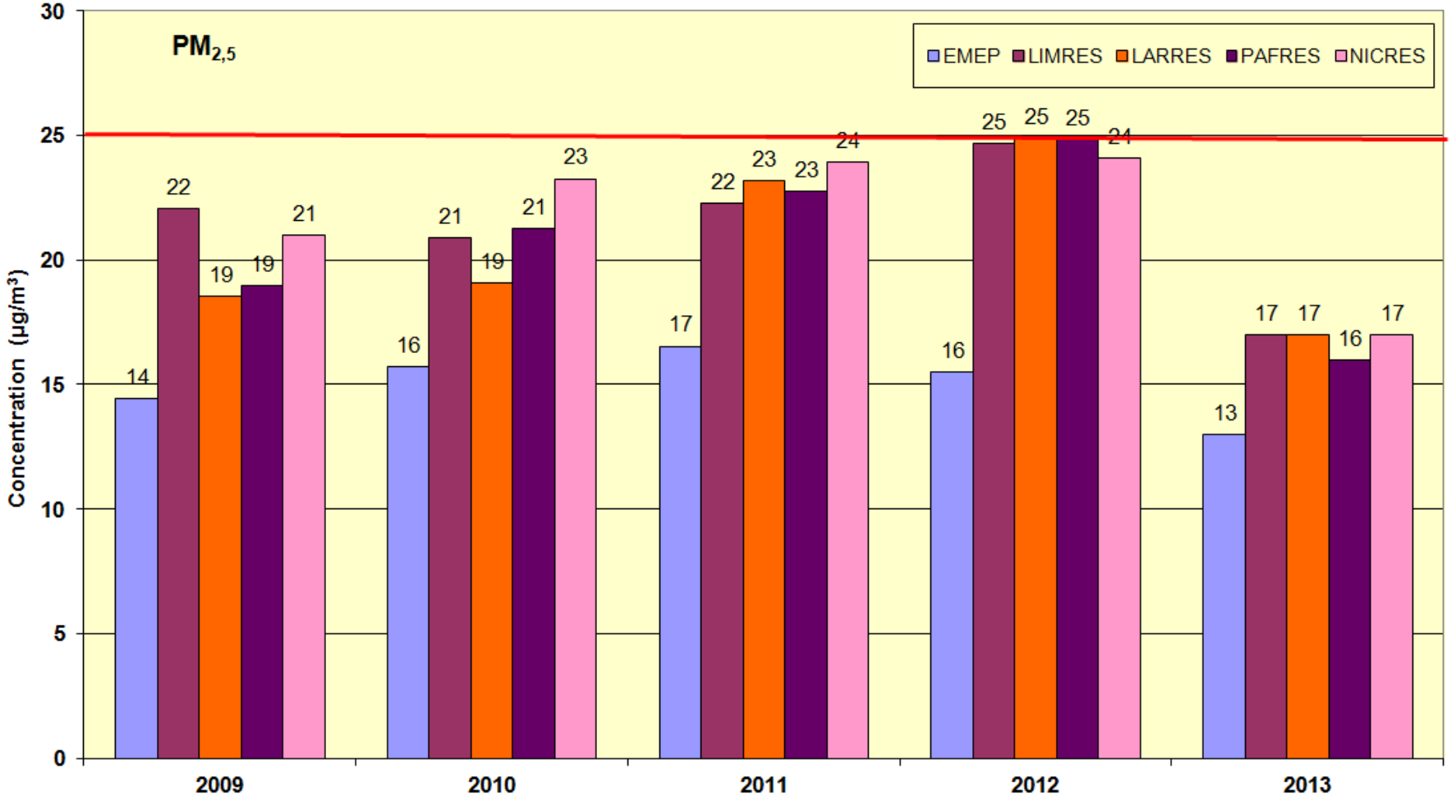


Figure 7: Annual values of $PM_{2,5}$ at various locations in Cyprus

APPENDIX XXIII

National Yearly Emissions per Activity (Year 2012)

	NO_x	NMVOC	SO_x	NH_3	$PM_{2.5}$	PM_{10}	TSP	CO	Pb	Cd	Hg	DIOX
	Gg NO_2	Gg	Gg SO_2	Gg	Gg	Gg	Gg	Gg	Mg	Mg	Mg	g I-Teq
Public Electricity and heat production	10,94	0,28	14,75	0,00	0,30	0,44	0,59	0,54	0,21	0,06	0,02	0,11
Manufacturing Industry & Construction	1,94	0,16	0,99	0,01	0,12	0,14	0,17	2,32	0,20	0,01	0,10	0,10
Aviation	0,73	0,11	0,06	0,00	0,01	0,01	0,01	0,96	0,24	0,00	0,00	0,00
Road Transport	6,35	1,90	0,01	0,25	0,39	0,49	0,53	11,6	27,1	0,01	0,00	0,18
Navigation	0,13	0,01	0,13	0,00	0,02	0,02	0,02	0,13	0,04	0,00	0,00	0,00
Residential(Central Heating)	0,26	0,13	0,18	0,00	0,07	0,07	0,08	0,57	0,06	0,00	0,00	0,09
Agriculture (Combustion and Mobile)	0,40	0,04	0,12	0,00	0,03	0,04	0,04	0,18	0,14	0,00	0,00	0,01
Distribution /Storage of Oil Products	0.00	0,99	0.00					0.00				
Cement Production	0,01	0,01	0,02		0,62	0,82	1,74	0,05				
Lime Production	0,01	0,00	0,00		0,00	0,00	0,00	0,01				
Asphalt		0,01			0,12	0,18	0,25	0,12				0.00
Quarries					0,02	0,19	0,37					
Production of Food & Drink		0,21			0,01	0,02	0,03					
Paint Application		1,75										
Dry Cleaning		0,05										
Solvents		1,35			0,01	0,01	0,01					
Manure Management	0,02	2,17		4,14	0,05	0,27	0,26					
Fertilizers	0,19	0,00		0,41	0,00	0,06	0,06					
Burning of agricultural waste	0,00	0,01	0,00	0,00	0,02	0,02	0,02	0,13	0,00	0,00	0,00	0,00
Waste Management	0,03	0,07	0,02	0,12	0,00	0,00	0,01	0,14	0,02	0,00	0,00	0,07
Total Emissions	21.01	9.26	16.28	4.95	1.78	2.78	4.19	16.66	28.04	0.08	0.14	0.57

Note: Gg=kt (thousands of tones) and Mg=t (tones)

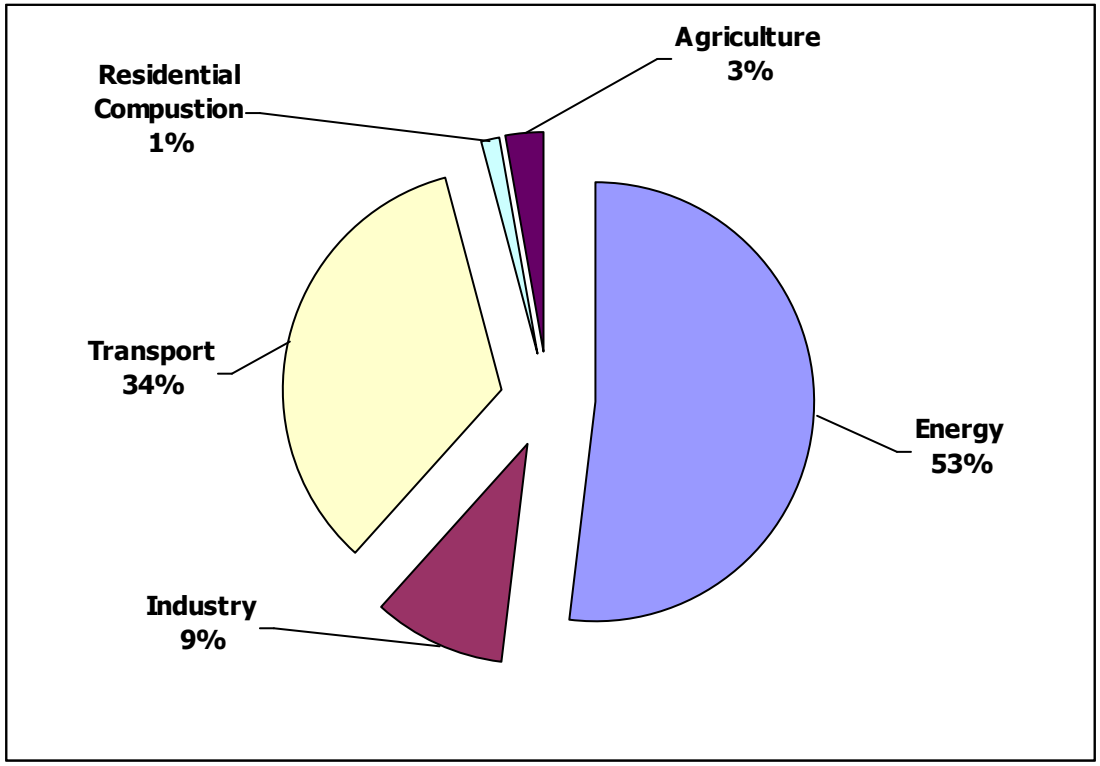


Figure 1: **Percentage of total nitrogen oxide emissions by activity in 2012.**

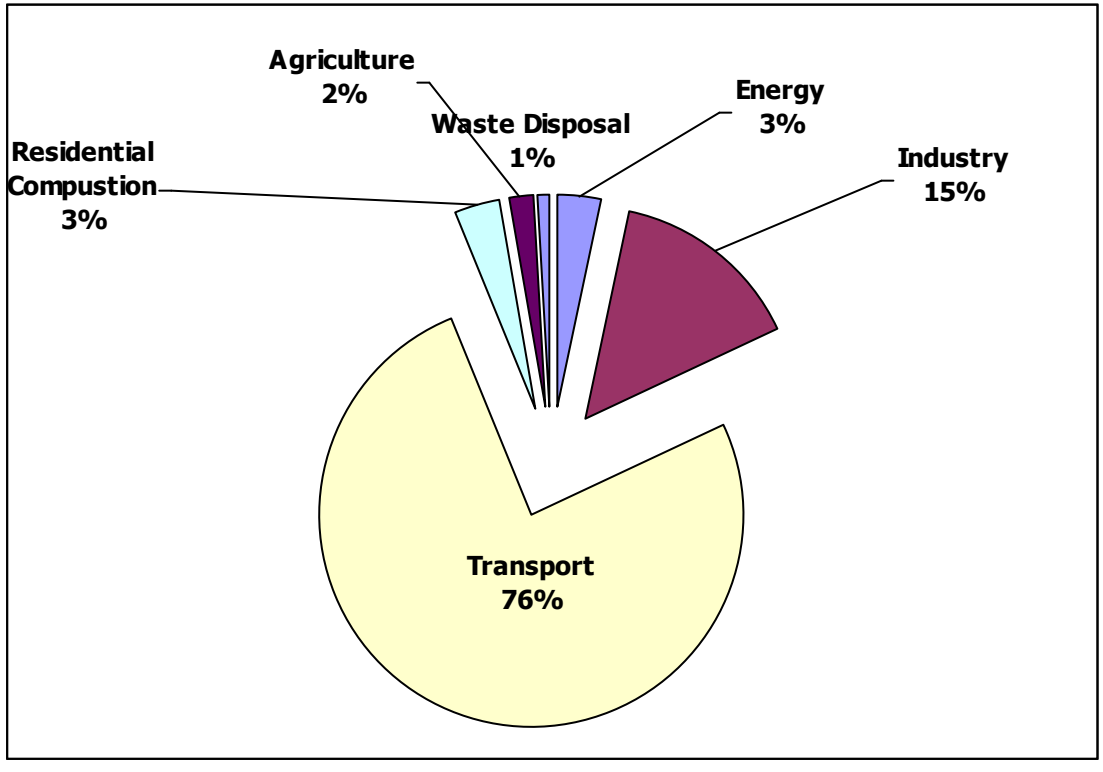


Figure 2: Percentage of total carbon monoxide emissions by activity in 2012.

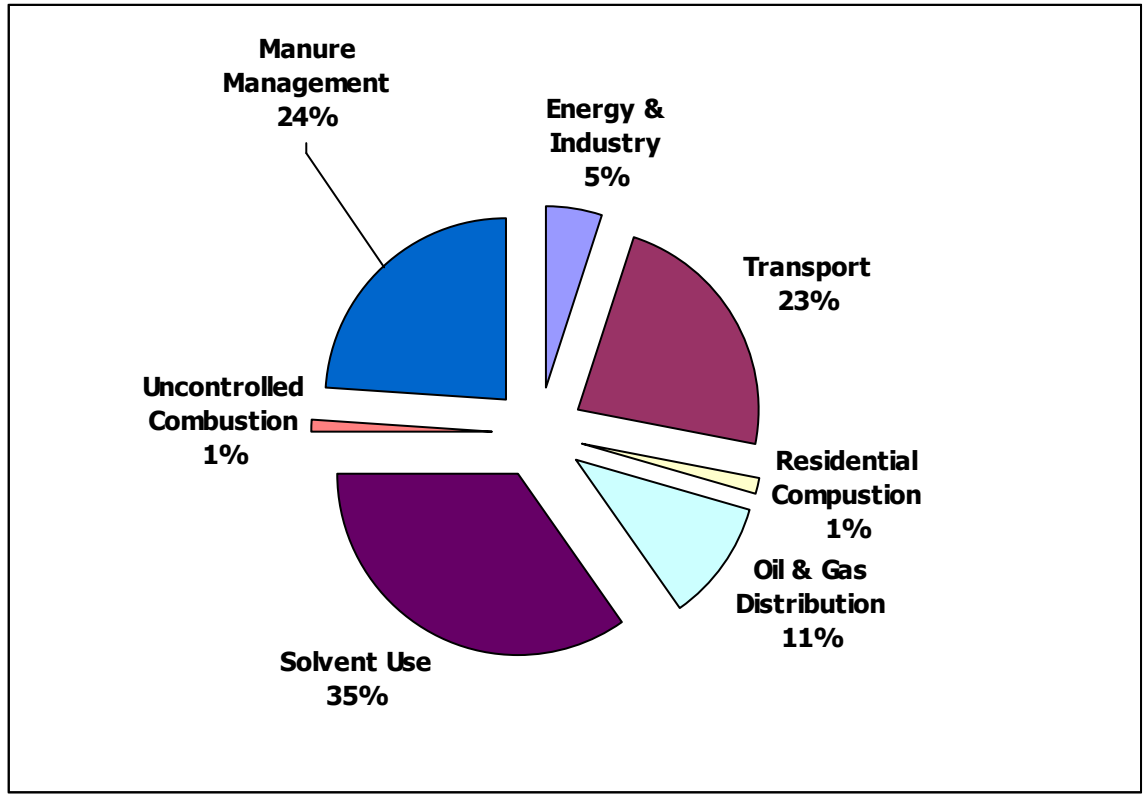


Figure 3: Percentage of Total Volatile Organic Compounds by activity in 2012.

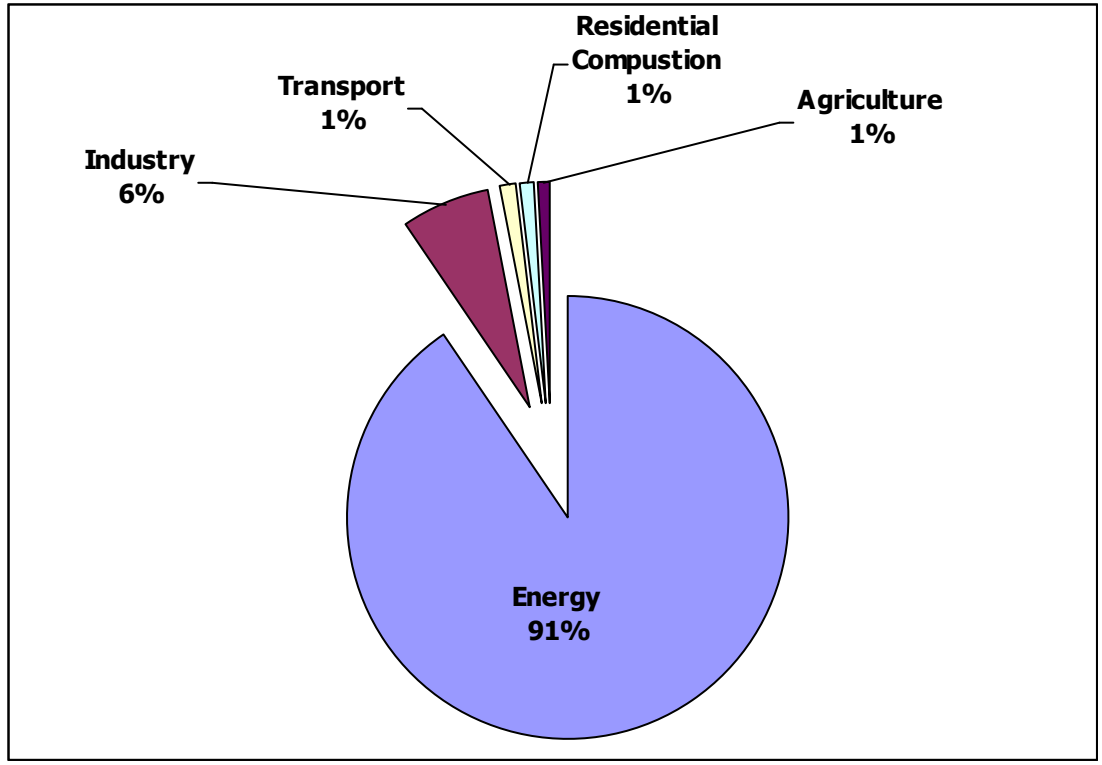


Figure 4: Percentage of total sulfur dioxide emissions by activity in 2012.

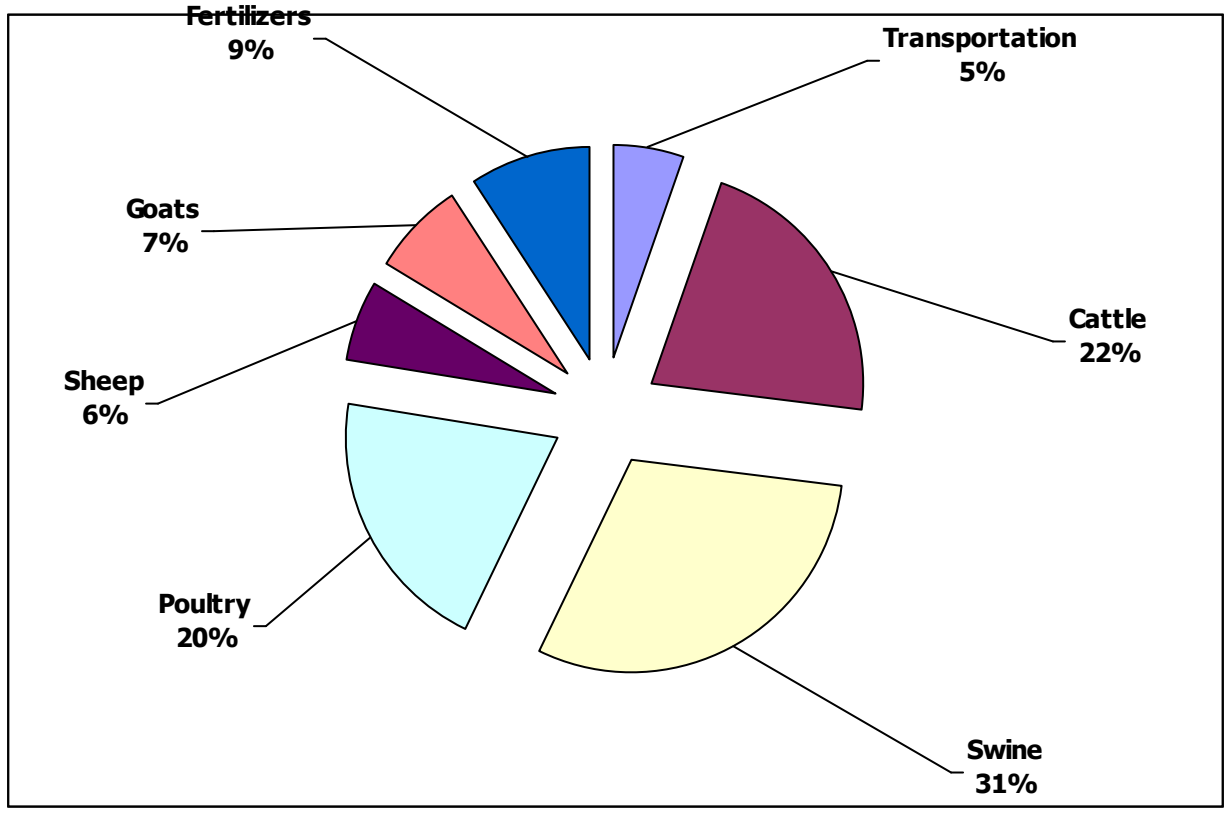


Figure 5: Percentage of total ammonia emissions per activity in 2012.

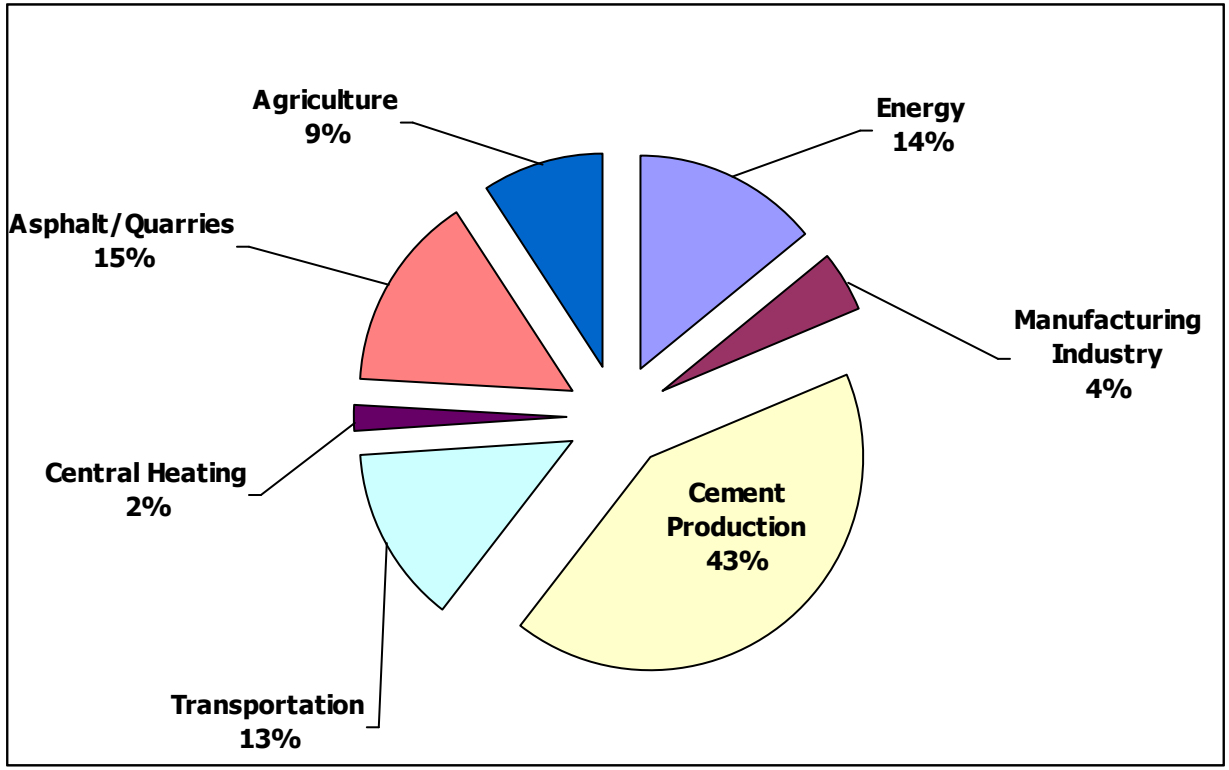


Figure 6: Percentage of Total Emissions Particulate Dust (TSP) per activity in 2012.