



DEPARTMENT OF LABOUR INSPECTION

ANNUAL REPORT 2023



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I. INTRODUCTION

The mission of the Department of Labour Inspection (DLI) of the Ministry of Labour, and Social Insurance is the continuous and constant improvement of safety and health levels at the workplaces, the protection of employees, the public and the environment from risks arising from ionising radiation, chemical substances, machinery, equipment and offshore oil and gas exploration and production activities, as well as air quality monitoring.

In order to achieve the above mission, the DLI implements a specific strategy that includes an appropriate institutional framework, an appropriate legislative framework, a suitable and adequate labour inspection system, promotion of prevention through continuous awareness raising, information and training, the use of voluntary and economic incentives, incorporation of issues dealt with into other policy areas such as education, employment, agriculture, environment, transport, etc., encouragement of progress and research, close cooperation with the social partners and other stakeholders and, cooperation and active participation of the Department in the relevant activities of the European Union and international and regional organizations

The DLI's vision is to make the Department an excellent recognized organization that provides the citizens and the society with quality services with a high level of efficiency and productivity, utilizing modern technological knowledge.

The DLI has at its Headquarters the Safety and Health at Work Sector and the Radiation Protection, Environmental Issues and Equipment Sector. In addition, the Department has District Offices in Nicosia, Limassol, Larnaca, Pafos and Ammochostos. In the Department, there were in total, 84 posts in 2023, of which 11 (13%) were vacant. These posts did not include temporary and seconded staff, the occupational physician and administrative, secretarial, accounting and computer support staff. The organizational chart of the DLI is presented in Chart 3.1 on page 36 of the Appendix.

During 2023, the DLI, was entrusted with the implementation of the 345 pieces of legislation, for which it was the competent authority, with a reduced number of available staff.

A. Safety and Health at Work Sector

The Sector deals with all safety and health at work issues regarding the protection of life, health and wellbeing of workers at workplaces, as well as the protection of other persons who may be affected by work activities. The main competences of each of the Sections of this Sector are the following:

A.1. Awareness Raising and Horizontal Issues Section

The Section on Awareness Raising and Horizontal Issues was established and operates with the aim of giving greater impetus to issues of information dissemination, training and awareness raising regarding Safety and Health at Work. The Section is responsible for the operation of the Training Centre, for monitoring the activities and obligations of the DLI 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 and the evaluation of the work performed by them, as well as for the functioning of the Pancyprian Council for Safety and Health, and the handling of issues regarding Approved Persons who offer external preventive and protective services to employers / self-employed persons. The Section also deals with European Union issues, such as the work of the Senior Labour Inspectors Committee (known as SLIC), issues regarding the Council of Europe, the International Labour Organization (ILO) as well as other international issues. Finally, the Section coordinates the statistical processing of the data and the management of the DLI's computerized system.

A.2. Services and Chemical Industry Section

The Chemical Protection and Safety of Services Section has the following main responsibilities:

- ❖ Supervising the implementation and enforcement of the Chemicals Legislation, a legislation that covers issues related to the manufacture, import, export, use and placing of chemical products on the Cyprus market.
- ❖ The dedicated REACH and CLP helpdesks participate in various activities of the European Chemicals Agency (ECHA) and their role is to promote the harmonized dissemination of knowledge and information of the chemicals legislation and to guide companies in fulfilling their legal obligations.
- ❖ Overseeing the implementation of the legislation on health and safety at work of employees and other affected persons in the chemical and pharmaceutical industry, storage of chemicals, private sector services, including public and private hospitals, education, transport, commerce, as well as municipalities and communities. Additionally, the Section deals with issues related to health hazards of workers from their exposure to chemical, biological, carcinogenic and mutagenic agents, as well as exposure to physical agents such as noise, vibrations etc.
- ❖ The implementation of the legislation dealing with the contained use of genetically modified micro-organisms and the licensing of their users.
- ❖ The inspection, control and licensing of liquid petroleum storage facilities.

- ❖ The prevention of large-scale accidents that could be caused due to the storage or use of hazardous chemicals in installations. In the Section there is a special Unit that deals with this issue.
- ❖ The safety of offshore oil and gas operations with the aim of preventing serious accidents and dangerous incidents during such offshore operations and reducing the consequences of such incidents. In the Section there is a special Unit that deals with this issue.

A.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 of workplaces and work equipment that must be met. It also deals with the preparation and monitoring of the inspection program, the monitoring of court cases, the issuing extrajudicial fines, the coordination and carrying out of inspections in the construction industry, the mining and quarrying industry, the manufacturing industry, the public sector, as well as in farming activities. In addition, the Section deals with issues regarding the prevention of risks and protection from exposure to asbestos and thermal load, as well as, consultation with the competent authorities for issuing building permits, certificates of final approval and planning permits. Finally, the Section is engaged with supporting activities of the DLI that include computer equipment and other equipment (e.g. scanners, photocopy machines, cameras) and the monitoring of the fire safety, security and access systems in the building.

B. Radiation Protection, Environmental Issues and Equipment Sector

The Sector deals with the protection of workers, the public and the environment against risks related with machinery, equipment, radiation and industrial air emissions. It also deals with all issues related to air quality. The main competences of each of the 3 Sections of this Sector are the following:

B.1. Machinery and Equipment Section

The machinery and equipment section operates a machinery, pressure vessels and lifts unit, which deals with the inspection and certification of inspectable machinery and pressure vessels such as steam boilers, steam receivers, cranes, hoists, overhead travelling cranes and air receivers. This unit also enforces the legislation that regulates the operation, maintenance and periodic auditing of lifts. Furthermore, the unit is responsible for the surveillance of the cyprus market to safeguard the free movement of specific products, which satisfy the safety and health requirements of the european union directives or regulations bearing the ce marking. Such categories of products include: (i) pressure equipment, (ii) simple pressure vessels, (iii) machinery, (iv) lifts, (v) personal protective equipment, (vi) equipment and protective systems for use in explosive atmospheres and (vii) noise emission in the environment by equipment for outdoor use. Moreover, the section deals with the inspection, control and licensing of liquefied petroleum

gas (lpg) installations and storage facilities as well as lpg vehicle refueling stations.

B.2. Radiation Protection Section

The main objective of the Radiation Protection Section, is to safeguard the health and safety of the workers and the public from risks arising from exposure to radiation in various economic activities, such as in medicine, industry, construction, agriculture and research, and to protect the health of the population, property and the environment from risks that may arise from the dispersion of radioactivity in the environment.

Moreover, one of the objectives of the Radiation Protection Section is to ensure a high level of radiation protection for staff and others in the working environment against the risks arise from exposure to non-ionising radiation, including electromagnetic fields and artificial optical radiation.

B.3. Air Quality and Strategic Planning Section

The Air Quality and Strategic Planning Section deals with the continuous monitoring and information for the levels of specific pollutants in the ambient air, as well as with the assessment and management of the air quality, in order to secure, as practically possible, the protection of the health and well-being of workers and citizens and the protection of the environment. Additionally, the Section deals with the formulation and monitoring of the implementation of the Strategic Plan of the Department.

II. WORK CONDUCTED DURING 2023

1. SAFETY AND HEALTH AT WORK SECTOR

1.1. Workplace Inspections

A major activity of the Safety and Health at Work Sector consists of carrying out inspections, for the enforcement of the provisions of the labour legislation falling within the competency of the DLI. According to the annual inspection program of DLI, as shown in

Table 3.1 on page 37 of the **Appendix**, inspections in various economic sectors, as well as specific activities and focused campaigns were carried out during 2023. To better conduct the specific campaigns, special questionnaires, informational material and instructions were conveyed to the mass media and all concerned parties and additionally were posted on the DLI website.

During 2023, the Inspectors carried out 3.917 inspections in 2.552 different undertakings for safety and health matters at workplaces. The table of **Appendix** (Table 3.2 **on page 38**) contains the inspections carried out in 2023 analytically, by economic activity and district. Furthermore, during 2023 following inspections, 202 letters were sent to employers, self-employed persons or other persons where serious

violations of the legislation on safety and health at work were identified during inspections, in contrast to 346 which were sent during 2022. In addition, in 2023, 46 Improvement Notices and 302 Prohibition Notices were issued while in 2022, 82 Improvement Notices and 252 Prohibition Notices were issued by Inspectors.

1.1.1. Investigation of Complaints with regard to Health and Safety Issues

During 2023, more than 396 complaints which were submitted orally and / or in writing by citizens with regard to occupational safety and health issues were investigated.

1.1.2. Issue of Registration of Premises, Installations, Enterprises and Work Places

During 2023, following the examination of relevant applications and on the spot inspections, the DLI issued 186 Certificates of Registration of premises and work places, under the Safety and Health at Work (Registration of Premises, Installations, Enterprises and Work Places) Regulations of 2019. It is noted that during 2022, 69 Certificates of Registration of premises and work places were issued. Also in 2023, 53 Certificates to Private Hospitals / Clinics were issued / renewed after inspection.

1.1.3. Measurements of Physical and Chemical Agents

The Sector maintains a laboratory with instruments for the direct or indirect measurement of physical and chemical agents. In 2023, in the framework of surveillance of health and safety legislation, a total of 60 measurements of physical and chemical agents were carried out. The following **Table** shows in detail the measurements made for each physical or chemical agent.

Table 1. 1: Measurements per physical or chemical agent in 2023

No.	Temperature	Noise	Lighting	Combined Air Rate (Air Changes)	Suspended particles (dust)	Carbon Dioxide (CO ₂)	Ozone (O ₃)	Ammonia (NH ₃)	Organic volatile compounds (VOCs)
Number of Measurements	6	6	0	6	6	6	6	6	6
No.	Humidity	Chlorine (Cl ₂)	Hydrogen Sulphide (H ₂ S)	Carbon Monoxide (CO)	Nitrogen Dioxide (NO ₂)	Sulphur Dioxide (SO ₂)	Lower Explosive Limit (LEL)	Oxygen (O ₂)	Formaldehyde (HCHO)
Number of Measurements	6	6	0	6	0	0	0	0	6

1.2. Prosecutions

In 2023, the trials of 22 cases concerning 95 breaches of Labour Laws of the safety and health of workers

at the workplace and other persons affected by work activities were completed. The fines imposed upon those who were convicted in 2023 totaled to €210.100, compared to €232.450 in 2022 concerning the trials of 29 cases. The number of penal cases, the relevant legislation breached by the offenders as well as the fines imposed by the Courts in year 2023 in comparison to years 2020 - 2022, are illustrated in Appendix (**Table 3.3 on page 39**). Additionally, in 2023, a total of 16 new penal cases were compiled by DLI were sent to the Legal Service of the Republic for approval and submission of the penal proceedings.

1.3. Extrajudicial Fines

Within 2023, 78 Extrajudicial Offense Settlement Notices (Extrajudicial Fines) were issued in relation to breaches detected during preventive inspections and violations identified during the inspections made in the context of the investigation of accidents and dangerous occurrences. Most Extrajudicial Fines Cases Analysis of Notified Work Accidents and Dangerous Occurrences concern violations/breaches at construction sites. Within 2022, 70 Extrajudicial Offense Settlement Notice (Extrajudicial Fine) were issued.

The total amount of the extrajudicial fines for the above 78 Notices of 2023 was €131.400 compared to €113.000 in 2022 which concerned the issuance of 70 extrajudicial.

1.4. Analysis of Notified Work Accidents and Dangerous Occurrences

1.4.1. Accidents to employed persons during their work

During 2023, a total of 1.328 accidents which occurred to employed persons during their work were notified to the DLI.

Table 3.3: Number of Contraventions and Fines imposed on 22 Legal Proceedings completed in 2023 for Safety and Health issues in comparison with previous years

No	Laws / Regulations	Number of Contraventions				Total amount of fines charged in €			
		2020	2021	2022	2023	2020	2021	2022	2023
1	The Safety and Health at Work Law of 1996 - 2015	13	28	23	132	14400	39650	59050	57500
2	The Safety and Health at Work (Accidents and Dangerous Occurrences Notification) Regulations of 2007	4	4	13	10	1550	2350	14450	20600
3	The Safety and Health (Minimum Requirements for Temporary or Mobile Construction Sites) Regulations of 2002 and 2015	7	33	55	402	22000	68300	101333	87500
4	The Management of Safety and Health Issues at Work Regulations of 2002	19	33	123	133	12300	32100	18700	24000
5	The Minimum Requirements for Safety and Health (Use of Work Equipment at Work) Regulations of 2001 and 2004	8	244	95	7	7600	33550	11717	12500

No	Laws / Regulations	Number of Contraventions				Total amount of fines charged in €			
		2020	2021	2022	2023	2020	2021	2022	2023
6	The Minimum Requirements for Safety and Health at the Workplace Regulations of 2002 and 2004	5	1	4	0	2450	3450	1700	0
7	The Minimum Requirements for Safety and Health (Use of Personal Protective Equipment at Work) Regulations of 2001	0	3	0	0	0	3750	0	0
8	The Employer's Liability (Compulsory Insurance) Laws of 1989 - 2011	2	56	4	5	1250	1850	2500	6000
9	The Safety and Health at Work (Protection from Asbestos) Regulations of 2006 and 2015	0	2	0	67	0	3000	0	1500
10	The Safety and Health at Work (Biological Agents) Regulations of 2001	1	0	0	0	850	0	0	0
11	The Safety and Health at Work (Chemical Agents) Regulations of 2001 - 2012	1	0	0	0	850	0	0	0
12	The Safety Committees at Work Regulations of 1997	0	0	0	0	0	0	0	0
13	The Essential Requirements (Machinery) Regulations of 2003 (abolished in 29/12/2009)	0	2	0	1	0	1550	0	500
14	The Minimum Requirements for Safety and Health at Work (Mining via Drilling Industries) Regulations of 2002	0	0	3	0	0	0	4000	0
15	The Minimum Requirements for Safety and Health at Work (Surface and Underground Extractive Industries) Regulations of 2002	0	3	5	0	0	1050	19000	0
TOTAL		60	138	128	95	63250	190600	23245	210100

Table 3.4 on page 39 of the **Appendix** presents an analysis of accidents by section of economic activity, gender, age, degree of injury and cause of accident. In **Figure 3.1 on page 39** of the **Appendix**, accidents are categorized by sector of economic activity. As shown in the mentioned figure, the biggest number of accidents during 2023 occurred in the sector of Accommodation and Food Services (Hotels & Restaurants) with a percentage of 21,39%, followed by the Construction sector with a percentage of 16,72%, the sector of Manufacturing with a percentage of 15,29% and the sector of Wholesale and Retail Trade and Repair of Motor Vehicles and Motorcycles with a percentage of 12,42%. In **Figure 3.2 on page 39** of the **Appendix**, presents the annual number of notified work accidents for the period 2012 – 2023. In **Figure 3.3 on page 39** of the **Appendix**, accidents at work during 2023 are analyzed by cause and are categorized in five basic categories (buildings/installations, machinery/equipment, transport means, materials/substances and other causes).

Tables 3.5 and 3.6 present an analysis of the fatal accidents, which occurred during 2023, by district, economic activity and cause. These Tables show, respectively, twelve (12) accidents occurred to employed persons during the course of their work, one (1) of which resulted in the fatal injury of two (2) persons and two (2) accidents occurred to self-employed persons during the course of their work. Additionally, as mentioned after Table 3.6, out of the total of eleven (11) accidents mentioned above, four (4) of them, resulting in the fatal injury of five (5) persons, were traffic accidents. These accidents are being investigated by the Police.

In **Figure 3.4 on page 39** of the **Appendix**, the annual number of fatal accidents to employed persons during their work which were notified during the period 2012-2023 is shown.

As shown in the **Appendix (Figure 3.5 on page 46)**, the Average of the Incidence Rate (number of accidents per 100.000 employed persons) for accidents which occurred to employed persons during the course of their work for year 2023, was 320,2. This Figure also presents the average of the Incidence Rate by section of economic activity. 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 Incidence Rate, 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. It is noted that the final Incidence Rate of Accidents at Work for year 2022 (Mean Value) was 332,6.

In **Figure 3.6 on page 47** of the **Appendix**, the change in the Incidence Rate (Annual Mean) is presented for the period 2012 - 2023, as well as the number of accidents and employed persons for the same period. Conclusively, the Incidence Rate during the period 2012 - 2023 decreased by 40,4% and the number of accidents by 23,7%, while during the period 2022-2023 the Incidence Rate decreased by 3,7% and the number of accidents decreased by 0,5%.

The **Table 2** below shows comparative data regarding the number of accidents in the years 2021, 2022 and 2023 in the main economic activities.

Table 2: Comparison of Number of Accidents 2021 - 2023

SECTION OF ECONOMIC ACTIVITY	2023		2022		2021		2021 - 2022		2022 - 2023	
	No. of Accidents	Percentage (%)	No. of Accidents	Percentage (%)	No. of Accidents	Percentage (%)	Reduction / Increase (Number)	Reduction / Increase (%)	Reduction / Increase (Number)	Reduction / Increase (%)
HOTELS AND RESTAURANTS	284	21,39	289	21,65	279	19,47	10	3,6	-5	-1,7
CONSTRUCTION	222	16,72	255	19,10	279	19,47	-24	-8,6	-33	-11,8
MANUFACTURING	203	15,29	236	17,68	254	17,73	-18	-7,1	-33	-13,0
WHOLESALE AND RETAIL TRADE	165	12,42	183	13,71	191	13,33	-8	-4,2	-18	-9,4
TRANSPORT AND STORAGE	101	7,61	79	5,92	97	6,77	-18	-18,6	22	22,7
ALL ECONOMIC ACTIVITIES	1.328		1.335		1.433		-98	-6,8	-7	-0,5

Regarding the severity of accidents that can in some way be identified as the days of the victim's absence from work due to the accident, it is noted that the average number of days of absence in all economic activities in 2022 was 26 compared to 27 in the year 2021 and 26 in the year 2020. It is noted that the relevant data concerning the accidents of the year 2023 were not available until the date of completion of this report and will be announced in the Annual Report of the Department for the year 2024. As shown in the **Table 3** below, in terms of the most important economic activities, the most serious accidents occurred in the following areas:

Table 3: Average days of victim's absence from work (employees)

Economic activity	2022	2021	2020
Manufacturing	29	29	27
Construction	27	28	32
Transportation and Storage	21	27	22
Wholesale and Retail Trade	22	21	25
Hotels & Restaurants	23	21	21

1.4.2. Other Accidents notified to the Department of Labour Inspection (DLI)

In addition to the 1,328 accidents notified to the DLI in 2023 involving employed persons during the course of their work, an additional 101 accidents were also notified to the DLI, according to the relevant legislation, 4 of which concerned self-employed persons during the course of their work, 1 to person out of work and 96 to employed and self-employed persons during their normal journey between home, and the place of work (commuting accidents).

1.4.3. Analysis of Notified Dangerous Occurrences

In 2023, 31 dangerous occurrences regarding work place incidents were notified to the DLI as follows: 6 contacts with overhead electric lines, 6 collapse of scaffoldings, 5 contacts with an underground electric line, 3 electrical short circuits, 3 collapses / failures of equipment, 2 fires / explosions, 2 pressure vessel explosions, 1 ground collapse, 1 leakage of flammable substances, 1 leakage of substances and 1 collapse of a building.

1.5. Occupational Diseases Prevention Unit

During 2023, three (3) cases of complaints about health problems possibly related with working conditions and working environment were investigated by the Counselor Occupational Physician of the Department of Labour Inspection in close collaboration with Labour Inspectors. Two cases involved spinal disorders and one case involved an ankle joint disorder. Within 2023, twenty-two (22) new cases of mesothelioma registered in the Cancer Registry of the Ministry of Health and five (5) new cases of mesothelioma registered in the Registry of the Oncology Center of the Bank of Cyprus were notified to the DLI.

1.6. Providers of First Aid at Work Training Courses

For the provision of first aid at work training programs, in 2023, the Chief Inspector renewed the licenses of twenty-four (24) existing providers after evaluation and according to procedures applied by the DLI. In 2023, the Chief Inspector approved one new provider for first aid at work training programs.

According to Safety and Health (Prescribed Fees) Order of 2021 (R.A.A. 466/2021), every existing Provider paid a fee of 295 euros for the renewal of its approval, while the new candidate Provider paid a fee of 700 euros for its approval. The Department of Labour Inspection continues its collaboration with Resuscitation Services of the Ministry of Health, for the promotion of a new legislation prepared by Resuscitation Services for the provision and quality of first aid and resuscitation programs.

1.7. Surveillance of Workers' Health

The DLI continues the enforcement of various Orders for medical and laboratory examinations of workers issued under the Safety and Health at Work (Health Surveillance) Regulations of 2017 (R.A.A. 330/2017). These Regulations determine the procedures and operating framework of the health surveillance system of employees in Cyprus. The above Regulations are enforced with Ministerial Orders for medical and laboratory examinations of workers in certain professions and work activities. Until 2023, the following Ministerial Orders have been issued:

- The Safety and Health at Work (Medical Examinations for Asbestos) Order of 2018 (R.A.A.

184/2018), determines the medical examinations of workers who perform insulation and asbestos coating work and concerns companies with special license on such work.

- The Safety and Health at Work (Medical Examinations for Dockwork) Order of 2018 (R.A.A. 185/2018), determines the medical examinations of workers at ports, workers of lifting devices, forklifts and other employees engaged in loading and unloading and manual handling of loads.
- The Safety and Health at Work (Medical Examinations of Workers Climbers at Height) Order of 2020 (R.A.A 30/2020), determines the medical examinations of climbers at mast and poles above 5 meters without the use of motorized work equipment.
- The Safety and Health at Work (Medical Examinations of Workers at Mines and Quarries) Order of 2021 (R.A.A. 143/2021), determines the medical examinations of workers in mines and quarries that carry out extraction and processing of mined materials.
- The Safety and Health at Work (Medical and Laboratory Examinations of Workers in factories for manufacture, standardization, packaging and repackaging of plant protection products) Order of (R.A.A. 366/2022), determines the medical and laboratory examinations of workers performing activities with plant protection products in factories for manufacture, standardization, packaging and repackaging of plant protection products.
- The Safety and Health at Work (Medical and Laboratory Examinations of Workers in activities with anticancer drugs) Order of (R.A.A. 365 /2022,) determines the medical and laboratory examinations of workers performing activities with anticancer drugs in the health care sector.

Employers' compliance with the above Regulations and Orders includes their obligation to contract with occupational physician to carry out the necessary medical examinations specified in the above Orders. In the context of monitoring the implementation of the above Orders, the DLI is conducting inspections to check the compliance of employers involved in the implementation of the above Orders and their obligations derived from the provisions of the Regulations for the surveillance of worker's health.

According to the action plan and the framework for the preparation of new Orders for medical and laboratory examinations in other occupations or working activities, the DLI prepared two new drafts of Ministerial Orders and started the process of consultation with all the stakeholders involved. The Orders refer to medical and laboratory examinations of professional drivers in passenger land transport and freight transport by road and to medical and laboratory examinations of professional painters in activities like painting and polishing of furniture's, painting of motor vehicles and other related activities. The DLI continues raising awareness of employers on the benefits of the provision of occupational medicine services by occupational physician in companies. It has been found that the number of companies contracted occupational physician is gradually increasing, regardless the legal obligation of some companies to have contract with occupational physician.

1.8. External Services for Protection and Prevention

During the course of 2023, based on the prescribed Minimum Required Qualifications, the Chief Inspector granted one initial approval. The transference of the approval of a physical person to a defined legal entity was also approved. In the case of one candidate, the DLI requested further proof of possession of all the prescribed Required Qualifications. Additionally, during the course of the year, the DLI terminated the approval of one Approved Person. On 31.12.2023, the relevant Registry of Approved Persons contained a total of 108 persons (both physical persons and legal entities) for the provision of External Services for Protection and Prevention of risks. Also, during 2023 the annual inspection campaign of Approved Persons was continued, focusing on the quality of the services delivered by the Approved Persons, undertaken on behalf of employers and/or self-employed persons.

Based on the findings of the relevant Committee of SLIC, which carried out an assessment of the Labour Inspection System of Cyprus in 2019, the DLI continued to take action to upgrade the framework of Approved Persons. For this purpose, a training event was carried out on 3.11.2023 in order to inform all Approved Persons of the additional legal requirements regarding Approved Persons, as these are set forth in the Management of Safety and Health at Work Regulations of 2021 (R.A.A. 158/2021). During the event, presentations were made, among other topics, regarding practical examples of Written Risk Assessments and Risk Management Systems using the prescribed instruments / equipment, which every Approved Person was obliged to acquire and use, starting on 1.1.2023, in the course of providing services for the protection and prevention of risks in workplaces, following relevant work assignment to the Approved Persons by the contracting employers.

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

1.9.1. Action Plan

Under the Joint Policy Statement on the reduction of work accidents and occupational diseases in the construction sector, the DLI continues to implement since 2013 a specific Action Plan. In addition, an Action Plan is being implemented to reduce accidents, which was drafted by the Pancyprrian Safety and Health Council and includes actions based on the suggestions of social partners and other members of the Council.

The actions suggested, regarding the construction sector are being promoted by the Joint Technical Committee between the Department of Labour Inspection (DLI) and the Cyprus Scientific and Technical Chamber (CSTC) for Safety and Health in construction sector. The paragraph 1.9.5 below is relevant.

1.9.2. Technical Committee for Training of Workers who work at Height

In the framework of the activities of the Technical Committee, which was established in 2019, a Table was prepared with the training programs for Work at Height offered in Cyprus. Also, a meeting of the Technical Committee was held on 9.3.2022. At this meeting, the contribution of the members of the Technical Committee for the content of the Decree that will be issued in accordance with the provisions of the Safety and Health at Work (Minimum Requirements for Temporary or Mobile Construction Sites) Regulations of 2015 (R.A.A. 410/2015) for the adequate special training and experience in the installation, assembly, reconstruction and disassembly of scaffolding was discussed.

1.9.3. Working Group for Metal Constructions Works

The purpose of the Working Group, which was established in 2019, is to prepare a document with Special Terms for the safe construction of metal structures, which can be incorporated in the contracts for construction and technical works. A working sub-group was set up in 2020, to prepare the draft document. No meeting of this subgroup was held in 2023.

1.9.4. Collaboration with University Institutions in order to inform students about Health and Safety at Work

During 2023, two presentations took place on safety and health issues in construction sector for the training of students in the field of Civil Engineering of Cyprus University of Technology by the Principal Labour Inspection Officer of the DLI, on 3 and 6.4.2023.

1.9.5. Joint Technical Committee between the Department of Labour Inspection (DLI) and the Cyprus Scientific and Technical Chamber (CSTC) for Safety and Health in construction sector

The joined Technical Committee between the DLI and the CSTC was established in 2020 with the aim to promote actions to improve safety and health levels in the construction sector. Within this Technical Committee, an Action Plan was prepared, which is implemented in cooperation with the DLI and the CSTC. On 10.1.2023 a meeting of the CSTC Committee took place, during which the draft prepared for the initial and continuing education as well as the format of the practical training necessary to register as a member of CSTC, was presented.

1.9.6. Informative Seminars in collaboration with other Bodies

During 2023, a seminar entitled "Safety and Health in Construction Projects and the Role of H&S Coordinators at the project preparation stage and H&S Coordinators at the project execution stage" was co-organized by DLI, the Cyprus Civil Engineers Association (CYACE) and CSTC. Also, DLI was a

supporter of the 8th International Conference of CYACE COSH CY 2023, which was placed under the endorsement of the Minister of Labor and Social Insurance. Moreover, the topic "The Safety and Health at Work (Protection from Electricity) Regulations of 2022 (R.A.A. 78/2022)" was presented at a lecture organized by the Cyprus Electrical Engineers Association (CIEM-SEM) in collaboration with the CSTC and the support of DLI and CYSHA. Asbestos works

In 2023, after appraisal of applications, 6 companies were approved to carry out works concerning removal of asbestos insulation or coating. Also, in 2023, a total of 113 specific Work Plans were approved prior to commencement of asbestos work.

1.10. Building Permits, Planning Permits and Certification of Approval

During 2023, 743 applications concerning building permits, planning permits and certificates of 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. 32 of these applications include premises that are affected by units that could cause a major scale accident (SEVESO), or could cause such accidents themselves.

1.11. Safety Officers

During 2023, 33 new Safety Officers were approved. Each Safety Officer deals with the subjects of safety and health in the workplaces of his/her employer on a full-time basis. The total number of approved Safety Officers at the end of 2021 was 204. At the same time, within the year the evaluation of the work carried out by Safety Officers through examination of the Annual Reports prepared for their activities and submitted to the DLI continued.

1.12. Occupational Safety and Health Training Centre

In 2023, several enlightenment actions were implemented on the issues of safety and health at work. Specifically, several seminars were organized, either entirely by DLI or co-organized with other bodies, both online and with the physical presence of the participants, which were addressed to members of Professional Associations, students of higher education, Safety Officers and Authorized Persons providing External Services for Protection and Prevention.

In total, during 2023 officers of the DLI gave lectures lasting 33 hours on topics within the competence of the Department, in 17 events, in which approximately 1.000 people participated.

- In addition, the Training Center organized on the 23rd of October, a Launch Ceremony, within the framework of the activities of the European Week for Safety and Health at Work during which the launch of the 2023-2025 campaign of the European Organization for Safety and Health at Work

under the theme "Safe and Healthy Workplaces – Occupational safety and health in the digital age" took place. During the Ceremony, the awarding of winners, who participated in the three competitions which were organized in the field of health and safety at work, took place.

Also, during the year, the DLI:

- prepared, in collaboration with the Press and Information Office, a television film and a radio message regarding the Week for Safety and Health at Work , which was promoted on television and radio stations and on social media,
- continued the promotion of the Online Interactive Risk Assessment tools (OiRA tools),
- continued to keep its website up-to-date with matters related to its competence and to register relevant posts on its social media,
- provided information to the public and answered questions submitted by telephone and/or through its website.

1.13. Competitions

The DLI, in collaboration with the Ministry of Education, Sports and Youth, organized:

- for the twenty-first consecutive year, the Poster Competition, which was organized by the Department separately (a) in Junior High Schools and (b) in Lyceum and Technical and Vocational Schools of Education & Training (TESEK), in order to give the opportunity to highlight projects from all school levels. The first prize of the Competition in the High Schools category was awarded to a student from Akaki Regional High School, the second prize was awarded to a student from Makedonitissa High School and the third prize was awarded to a student from Kokkinohoria High School. Praise was given to a student from the Deaf School. The first prize of the Competition in the Lyceum - TESEK category was awarded to a student from the Lyceum and TESEK of Agios Charalambous Embas, the second prize was awarded to a student from the "Peace and Freedom" Lyceum of Deryneia - Sotiras and the third prize was awarded to a student from TESEK Makarios III Strovolos. Praise was given to a student from the 3rd TESEK Limassol.
- for the thirteenth year, the Competition of School Examples of Good Practice, which was organized by the Department. In the Competition, the prize for the Pre-Primary-Primary Level was awarded to the Upper Level of Chryseleousa Primary School, the prize for the High School Level was awarded to Athienou High School and for the Lyceum-TESEK Level, it was awarded to Vergina Lyceum.

Additionally, the DLI announced the Good Practice Awards for businesses in the occupational safety and health sector. There were 24 nominations in total from 20 enterprises and organizations. The first price

was awarded to COCA COLA HBC CYPRUS for their good practice example on the early signals report program using QR coding . The second prize was awarded to PPD GLOBAL and KPMG MLS SERVICES LTD & PHOEBE RESEARCH AND INNOVATION LTD & LELANTUS INNOVATIONS LTD for their good practice example on the continuous monitoring of indoor air quality. The third prize was shared by ELYSEE IRRIGATION LTD and HM HOUSEMARKET LTD (IKEA CYPRUS) for their good practice examples on development of safety culture and the statistical analysis of data regarding occupational accidents, respectively. The judging committee commended the following companies LIMASSOL GENERAL HOSPITAL & PAPHOS GENERAL HOSPITAL, N. PSARAS CONSTRUCTION CO LTD, DELIVERY HERO (CYPRUS) LTD and MEDOCHEMIE LTD.

1.14. Publications of the Department of Labour Inspection

Within 2023, the DLI prepared and posted on its website various electronic brochures in electronic format, while in cooperation with the Press and Information Office (PIO), existing information brochures were reprinted.

It is noted that all the information brochures that the DLI prepares every year, whether in printed or electronic form, are posted on its website and available to all interested persons. On the website of the Department, there is also a lot of information, analysis, statistics as well as all the legislation for which the Department is competent.

In addition, in cooperation with the PIO, a short video clip was prepared for informing employers, employed persons and the public regarding risks at work due to thermal stress. The clip was uploaded to the DLI website and social media.

1.15. Cooperation of DLI with European Agency for Safety and Health at Work (EU-OSHA)

1.15.1. Healthy Workplaces European Campaign

The DLI, as the National Focal Point of EU-OSHA, started the implementation at national level, of the European Campaign organized by EU-OSHA, with the theme “Healthy Workplaces – Safe and Healthy Work in the Digital Age”. The launching of the European Campaign was done in October 2023 and is expected to be completed in October 2025.

1.15.2. Online Interactive Risk Assessment (OiRA)

The DLI and EU-OSHA, in an attempt to facilitate the compliance of employers with Safety and Health at Work Legislation, and at the same time to enhance the mutual effort to improve the safety and health

at workplaces, have developed and offer for free the online interactive risk assessment tools (OiRA). With the use of OiRA, every employer might be able to ensure the safety, health and wellbeing of his/her employees.

The DLI in cooperation with EU-OSHA is implementing at national level, a survey regarding the evaluation of the implementation of OiRA and the effectiveness of the use of OiRA tools. Furthermore, in 2023, a case study on the successful effort of Cyprus in the promotion of OiRA tools was published.

1.16. Control of Major Accident Hazards Special Unit

During 2023, the Control of Major Accident Hazards Special Unit conducted 51 inspections of the establishments covered by the legislation 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 establishments.

During 2023, the Unit received 1 new Notification of establishment and 1 Major Accident Prevention Policy and 1 Safety Report. Therefore, the Unit evaluated 1 Notification, 1 Major Accident Prevention Policy and 5 Safety Reports.

1.17. Control of Offshore Oil and Gas Operations Hazards Unit

In 2023 two drilling operations were carried out. Regarding the above works, 2 drilling notification report, 1 report with a substantial change in drilling notification and 140 daily drilling reports were submitted and evaluated in 2023 by the Offshore Oil and Gas Operations Risk Management Unit. Also, 2 inspections were carried out on a drill ship and 2 inspection reports were prepared.

Additionally, in 2023 the Unit had meetings with the companies that are active in offshore hydrocarbon exploration activities in the Cyprus Exclusive Economic Zone (EEZ). The Unit was also involved in the control and submission of opinions, as a member of the Environmental Impact Assessment Licensing Committee and the Licensing Committee in accordance with the Barcelona Convention (Offshore Protocol), for the licensing of offshore operations.

1.18. Safety of Petroleum Installations

During 2023, Inspectors inspected a total of 326 small and large petroleum storage facilities (storing liquid petroleum products and LPG) for control and for issuing a Certificate, a prerequisite for acquiring a Petroleum Storage Permit.

In 2023, the process of replacing the legislative framework for the safe storage of liquid petroleum products proceeded. The legislative framework as admitted by the DLI is under consultation in

Parliament.

1.19. Unit for the Control of Working Hours and Rest Periods for Drivers of Certain Vehicles

The responsibility for monitoring the implementation of the "Driving Hours Control legislation" was transferred to the Labour Relations Department (DLR) on 1.2.2023.

During 2023, the Department of Labour Inspection (DLI) did not carry out any checks.

During the 1st quarter of 2023 DLI

- Completed the training of DLR Inspectors,
- Arranged for the transfer of the Undertakings' Risk Assessment System to DLR, and
- Prepared and forwarded to DLR a draft of the two year (2021-2022) report to the EU.

1.20. European and International Representation and Relevant Obligations in Safety and Health Issues

The DLI actively participates in the work carried out by (a) the EU Advisory Committee on Safety and Health at Work (ACSHW), (b) the EU Senior Labour Inspectors Committee (SLIC) and (c) the European Agency on Safety and Health at Work (EU-OSHA), as well as in sub-committees or working groups dealing with specific issues. Within the framework of Cyprus' obligations on health and safety at work issues, the DLI submitted to the ACSHW, to SLIC and to EU-OSHA annual reports, completed questionnaires and contributions with relevant information. The Department also prepares reports on the implementation of International Labour Organisations (ILO) Conventions in Cyprus related to Safety and Health at Work.

1.21. Consultation with Social Partners at Pancyprian and District level

1.21.1. Pancyprian Safety and Health Council

The Pancyprian Safety and Health Council was established in 1965 and since 1996 is a statutory body under the Safety and Health at Work Laws. Representatives of Public Service Departments, of Employers' and Trade Unions' Organizations, as well as of other stakeholders with a particular interest in safety and health at work participate in this Council. The purpose of the Council is to submit to the Minister of Labour and Social Insurance recommendations for measures to be taken, as well as the best and efficient working methods that should be followed to ensure the occupational safety and health of workers and to advise him on issues related to prevention of accidents and the drafting or revision of the relative Legislation.

Within the year 2023, three meetings took place in which issues falling under its competence were discussed. It is clarified that, before each meeting, the members of the Council, receive written notes prepared by the DLI, to inform them on the issues of each meetings' agenda.

In addition, during the year, a meeting of the Technical Committee regarding the Safety Officers took place to discuss relevant issues. Also, a Technical Committee of the Council was established and met for the first time, to examine the issue of Surveillance of Workers' Health and to submit relevant recommendations to the plenary session of the Council.

1.21.2. District Advisory Committees

In these Committees representatives of the Social Partners at local level participate and discuss issues concerning the implementation of legislation on safety and health at work.

For the second half of the year, these Committees met in September with physical presence of participants, while for the first half of the year, they did not meet. Nevertheless, relevant informative Notes were prepared by the DLI and sent electronically to representatives participating in the Committees.

1.22. Announcements on Safety and Health at Work

During 2023, 59 announcements on Safety and Health at Work were issued, which were sent to Media and posted on the Department's website. These announcements were related to convictions from Courts, the protection of workers against thermal load, targeted inspection campaigns, the publication of information leaflets, the publication of the Inspection Program and the organization of Webinars.

1.23. Chemical Substances

1.23.1. National Helpdesks for REACH and CLP and Awareness Campaigns

For the effective implementation of REACH Regulation (No. 1907/2006) and CLP Regulation (No. 1272/2008), the two appointed National Helpdesks provided constant support to stakeholders and all other interested parties. During 2022, the National Helpdesks answered questions and provided guidance on issues related to (i) the obligation to register chemical substances according to REACH, (ii) the structure and content of the Safety Data Sheets (SDS), (iii) the obligation requiring authorisation of substances and (iv) the specific restrictions which apply to certain chemical substances. In addition, guidance was provided for the correct classification, labelling and packaging of substances and mixtures according to CLP. Also, significant support was provided in relation to the obligation to notify the hazardous mixtures placed on the Cyprus market to the Central European Poison Center Database of the

European Chemicals Agency (ECHA) (Article 45 of CLP). In total, the National Helpdesks responded to more than 400 questions related to REACH and CLP as well as several questions related to other relevant legislations dealing with chemicals.

During 2023 the personnel of the Chemical Protection Section has given 6 presentations on issues related to the Chemicals Legislation.

Overall, during 2023, 41 announcements were issued to keep stakeholders and the public informed on specific provisions of the chemicals legislation or on issues related to non-compliant products placed on the European market.

1.23.2. European Database for the submission of information for the Poison Centers

From 1.1.2021, companies placing hazardous mixtures on the EU market are obliged to submit harmonised information on the composition of these chemicals at the Central European Database which has been developed and is maintained by the European Chemicals Agency (ECHA). The required information is notified through ECHA's Poison Centre Portal (PCN Submission Portal). The PCN database information is accessible only by the Appointed Bodies of the Member States and their Poison Centres.

Until the end of 2023, more than 248000 notifications were submitted by EU companies through the PCN Database, 4000 from which were notified by Cypriot Companies.

The DLI, as the National Appointed Body responsible for collecting this information, has actively participated to the European Meetings and consultations to proceed to all necessary amendments for the establishment of the new procedures.

1.23.3. Inspections, Chemical Analysis of Samples and Prosecutions

In 2023, a total of 339 targeted inspections were carried out at retail and wholesale stores (suppliers of toys, textiles, plastic articles, adhesives and other products) at industries producing and storing chemical products and at suppliers / distributors of other chemicals of consumer or professional use. These inspections include the inspections carried out during customs controls as well as those carried out for the control of chemical precursors, in the context of DLI's contribution to the implementation of the Explosive Precursors Regulation 1148/2019.

Targeted campaigns included sampling and control of consumer and industrial products of the Cyprus market. The samples were analysed to identify if they contain restricted chemical substances such as Benzene, Toluene and Chloroform content in superglues or other professional glues, Phthalate content

in toys and child care articles as well as other products made of plastic, PAHs in plastic articles, as well as Chromium VI content in leather articles. In addition, the classification, labelling and packaging of liquid chemical mixtures were checked, in relation to their pH value / corrosivity.

All non-compliant products were withdrawn from the Cyprus market and the importers / producers were accordingly informed. In addition, all non-compliant products were notified to the RAPEX System and communicated to the local press and the public media for raising public awareness.

The sampling and the analysis of the products checked for the restrictions of Annex XVII of REACH Regulation were carried out in the framework of the REACH-EN-FORCE-10 (REF-10) campaign of the FORUM Committee, which was carried out during 2022 in all Member States. Campaign results are were submitted via completed questionnaires in December 2023. The focus of the REF-10 enforcement project was the integrated control of chemicals in products (substances, mixtures, and articles) within REACH and other legislation. More than 2400 products were checked from which 400 (18%) were found non-compliant. The higher non compliances were found in products imported from third countries or from unknown origin.

Additional information on the inspections of the Chemicals Sector is presented in **Figure 3.7 and Tables 3.7 and 3.8** of the **Appendix**.

Also, during 2023, the REF-11 campaign of the FORUM controlled the compliance of the Safety Data Sheets of chemical products placed on the market. The results of this campaign will be submitted at the end of 2024.

During 2023, 8 administrative fines were imposed on companies placing non-compliant chemical products on the Cyprus market therefore breaching the national chemicals legislation.

1.23.4. Collaboration with the Customs Department

In the frame of the close collaboration with the Customs Department, 934 cases of chemical imports were further investigated in 2023, for their compliance with the Chemicals Legislation. The collaboration with the Customs was considerably improved with the physical presence of an Inspector from the Limassol District Office for a fixed time period per week, at the Limassol Port.

In addition, a seminar was organized to provide training to the custom officers on issues related to the legislative obligations on the imports/exports of chemical substances and the CE-marked products.

1.23.5. Participation to Committees – Working Groups in Cyprus

The DLI is in close cooperation with other Ministries / Departments and provides help and advice on specific issues related to chemicals. In this framework, officers of the DLI actively participated to the

Tender Evaluation Committees (a) at the Ministry of Finance and (b) at the Ministry of Health, where they were involved in the evaluation of tenders related to chemical products. Also, they participated to the Plant Protection and Biocides Board, to the Advisory Committee for the evaluation and Authorisation of EU Ecological products and to the Cyprus National Committee on Environment and Child's Health. In addition, DLI provides support to other Ministries related to chemicals (Ministry of Foreign Affairs for chemical weapons, Ministry of Interior for construction products, Ministry of Commerce for Explosive Precursors and Dual Use Products).

As a member of the Advisory Committee of the Plant Protection and Biocides Board, the personnel of the section provided its expertise and proceeded to the compliance check of the classification, labeling and packaging of 111 products and the evaluation of their Safety Data Sheets during 2023.

1.23.6. Participation to European and International Meetings

During 2023, DLI officers actively participated to the majority of the European Chemicals Agency (ECHA) meetings (the Management Board, the Committees and Working Groups meetings) as well as the meetings of the Competent Authorities for Regulations REACH and CLP. In addition, DLI officers actively participated in all the European Commission meetings and the consultations related to the revision of the CLP Regulation and to several other Commission discussions related to the European Chemicals Strategy for Sustainability, which is under the European Action Plan for Zero Pollution.

DLI followed all the international efforts undertaken by the United Nations to control and manage chemicals. The annual report of the European Regulation 649/2012, on the import / export of certain hazardous chemicals, has been submitted, as well as the annual survey on the activities of the national CLP and REACH Helpdesks was submitted online to ECHA.

There was also active involvement in a targeted ECHA campaigns for the promotion of the legislative obligations related to the submission of information to the Poison Center Data Base.

In the context of strengthening the dialogue and cooperation between ECHA and the competent authorities for chemical substances in the Member States, the Executive Director of ECHA Dr Sharon McGuinness made an official visit to Cyprus on 15 November 2023. For this purpose, the DLI organised a Conference, in which Ms. McGuinness had the opportunity to discuss with all the national competent Authorities whose legislation falls or is expected to fall in the future within the competences of the Agency (Department of Environment, Department of Agriculture, Medical Services and Public Health Services, Customs Department). A separate meeting was also held between Dr McGuinness and the Minister of Labour and Social Insurance, in which the current European developments and the actions expected from Cyprus were discussed.

1.23.7. Pancyprrian Chemicals Council

The Pancyprian Chemicals Council has been established through a special provision of the National Chemicals Legislation of 2020. The Council consists of Public Authorities and NGOs (Employers and Trade Union Organizations, Professional and Environmental Organizations and Consumer Associations) and its role is to consult the Minister of Labour and Social Insurance on various issues related to chemicals management and control. The Council meets once per year and during the meetings, the latest developments on the chemicals management and legislation are presented and different issues are further discussed. The 11th meeting of the Council took place on 22.2.2023.

1.23.8. Improvement of the Legislative Framework

(a) The Genetically Modified Microorganisms (Contained Use) Law of 2004

In the context of the better implementation of the above law, the procedures were revised and a standardized Notification Form was prepared to enable the uniform submission of applications for the Licensing of the Laboratories who use Genetically Modified Microorganisms (GMMs).

According to article 14 of the above Law, the process of examination and granting of the License by the Minister of Labor and Social Insurance is now accompanied by a fee which is determined by a Ministerial Notification. During 2023, three Applications were submitted by Cyprus Academic Institutions and two Licenses were granted. A third License is expected to be signed within 2024.

(b) Amendment of Ratifying Laws

During 2023 the following Ratifying Laws were amended:

- The Rotterdam Convention on the Prior Informed Consent for Certain Hazardous Chemicals and Pesticides in International Trade Ratifying (Amendment) Law of 2023
- The Stockholm Convention on the Persistent Organic Pollutants Ratifying (Amendment) Law of 2023

1.24. Legislation Update for Issues of Safety and Health at Work Sector

In 2023, the following legislation was approved by the House of Representatives and published in the Official Gazette of the Republic:

1. The Safety and Health at Work (Amendment) Law of 2023 (Law 165(I)/2023), 20.12.2023
2. The Safety and Health at Work (Carcinogens, Mutagens or Reprotoxic Substances at Work) (Amendment) Regulations of 2023 (R.A.A. 220/2023)
3. The Safety and Health at Work (Code of Practice for the Protection of Workers from Heat Stress) (Amendment) Order of 2023, (R.A.A 231/2023), 27.7.2023

4. The Safety and Health at Work (Approval of Lift Maintenance Persons) (No.2) Notification of 2023 (R.A.A. 366/2023)
5. The Safety and Health at Work (Operation, Maintenance and Audit of Lifts) (Amendment) Regulations of 2023 (R.A.A. 232/2023)
6. The Safety and Health at Work (Approval of Authorized Lifting Machinery Inspectors) Notification of 2023 (R.A.A. 353/2023)
7. The Control of Factory Atmosphere and Dangerous Substances in Factories (Amendment) Regulations of 2023 (R.A.A. 219/2023)
8. The Safety and Health at Work (Code of Practice for the Storage of LPG Cylinders) Order of 2023 (R.A.A 255/2023)
9. The Safety and Health at Work (Code of Practice for Small LPG Installations) Order of 2023 (R.A.A. 254/2023)
10. The Definition of the Intra-Community Association Order of 2023 (transfer of responsibilities to the Department of Labour Relations from 1.2.2023), (R.A.A.16/2023), 27.1.2023
11. The Protection against Ionising Radiation and Nuclear and Radiological Safety and Security (Basic Safety Standards for the Protection against the Dangers Arising from Exposure to Ionising Radiation) (Amendment) Regulations of 2023 (R.A.A.386/2023)
12. The Protection against Ionising Radiation and Nuclear and Radiological Safety and Security (Basic Safety Standards for the Protection against the Dangers Arising from Exposure to Ionising Radiation) Regulations of 2018 and 2023. (Unofficial Consolidation of R.A.A. 374/2018 and R.A.A. 386/2023)
13. The Protection from Ionising Radiation and Nuclear and Radiological Safety and Security (Appointment of members of the Council of Radiation Protection and Nuclear Safety) Order of 2023 (I.A.A. 228/2023)
14. The Protection against Ionising Radiation and Nuclear and Radiological Safety and Security (Code of Practice on Setting-Out and Implementing Diagnostic Reference Levels for Radiodiagnostic Examinations) Notification of 2023 (R.A.A 196/2023)
15. Correction on The Protection against Ionising Radiation and Nuclear and Radiological Safety and Security (Code of Practice on Setting-Out and Implementing Diagnostic Reference Levels for Radiodiagnostic Examinations) Notification of 2023 (R.A.A 196/2023)
16. The Safety and Health at Work (Code of Practice for LPG Installations) Order of 2023 (R.A.A 69/2023).

2. RADIATION PROTECTION, ENVIRONMENTAL ISSUES AND EQUIPMENT SECTOR

2.1. The Machinery, Pressure Vessels Inspection and Lifts Unit

The Machinery, Pressure Vessels Inspection and Lifts Unit operates with personnel at the Headquarters as well as at the District Offices of the DLI, and provides specialised services to the owners of Inspectable Machinery (IM), which include inspection, testing and examination, according to the type of IM.

In **Table 3.9, page 51**, the maximum legal interval between two consecutive inspections is shown, as well as the corresponding number of inspections for 2023 for each category of IM in comparison with those for 2022. In **Table 3.11, page 57 of the Annex**, an analysis is shown of the 513 machinery inspections that were carried out in 2023 by the Inspectors, per District and category of IM.

Within the framework of the enforcement of the Safety and Health at Work (Operation, Maintenance and Audit of Lifts) Regulations of 2012 and 2023, DLI evaluated 34 requests from lift owners who applied for exemption from the application of certain technical provisions of the Regulations regarding their lifts. DLI maintains an up-to-date Register of the Authorised Lift Auditors and the Register of the Lift Maintenance Persons. Both Registers are available on the DLI website. One new Lift Maintenance Person has been approved by the DLI in 2023. Consecutively, the Lift Maintenance Persons Register has been updated to reflect Lift Maintenance Persons personnel changes and has been kept up to date. A total of 3.676 periodic lift inspections were carried out in 2023 by Lift Maintenance Persons. More than 20.000 lifts are kept under a maintenance program by Lift Maintenance Persons.

In 2023, one Authorized Lifting Machinery Auditor application has been evaluated and approved. In 2023, a total number of 4.722 Lifting Machinery audits have been carried out by Authorized Lifting Machinery Auditors.

In 2023, the Health and Safety at Work (Fluid Systems) Regulations were fully implemented. Moreover, the Chief Labour Inspector has been granted authority to approve Authorized Pressure System Auditors. A total of 3 applications of Authorized Pressure System Auditors were evaluated and approved. Between 15.9.2023 and 31.12.2023, a total of 50 pressure systems inspections were carried out by Authorized Pressure System Auditors.

2.2. Safety and Health Requirements for Products bearing a CE Marking Unit

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

1) Machinery, 2) Lifts, 3) Pressure Equipment, 4) Simple Pressure Vessels, 5) Personal Protective Equipment (PPE), 6) Equipment and Protective Systems for Use in Explosive Atmospheres and 7) Noise Emission in the Environment by Equipment for Outdoors Use.

The enforcement of the CE legislation is achieved through market surveillance on a sample basis, as well as after information or complaints, which is received regarding non-conforming products. Such information is usually received from the Customs Authorities, other market surveillance authorities or from consumers and other interested parties. Periodically, random inspections at retail outlets and undertakings are carried out based on a special Market Surveillance Programme prepared by the Unit for the Cyprus market. Specifically, during 2023, a total of 26 market surveillance activities were carried out that included 20 specialized inspections to investigate requests for deviation from the application of essential requirement 2.2. of the European Directive for Lifts. Also, from data collected by lift installers, a total of 776 new lifts were installed in 2023.

In the framework of the implementation of European Regulation (EU) 2019/1020 on market surveillance and product compliance, the Unit prepared and implemented a relevant Market Surveillance Strategy, which was part of the National Market Surveillance Strategy notified to the European Commission.

Furthermore, in cooperation with the Customs Authorities at the stage of import of new products in Cyprus, a total of 142 inspections were carried out at the port of Limassol resulting in the detection of non-conforming products and the taking of measures such as the import prohibition of these products. Specifically, the import of products such as machinery and personal protective equipment was prohibited. Consecutively, a total of 7 Notices of Compliance and 6 Withdrawal Notices were issued.

Also, a Labour Inspection Officer, in his capacity as President of the Administrative Cooperation Group (AdCo) of the European Commission for lifts, participated in the European Union Committee for Lifts and presented online the activities of the Group for 2023.

Additionally, the CE Marked Equipment Sector issued 20 announcements and informed the public for dangerous products and equipment. These announcements were uploaded on the DLI website, the social media and the electronic press. Such non-compliant products intended for public use, were identified on the European market and posted on the Rapid Alert System (RAPEX) for non-food dangerous products. Also, following a series of accidents, an announcement was prepared to inform employees and the public about safe working methods during the maintenance of cooling systems (adding cooling gases), about

dangerous cutting discs and dangerous mist sprayers.

2.3. Storage and Installations LPG Unit

During 2023, the LPG Installations Unit of the Machinery and Equipment Sector carried out specific inspections on Liquefied Petroleum Gas storage and installation facilities as well as autogas refueling stations. The Inspectors also examined 41 complaints of the public concerning LPG installations. In addition, 9 inspections were carried out on canteen type vehicles that use LPG and 4 inspections were carried out on LPG vehicle conversion workshops and petrol stations with autogas.

Inspectors of the Unit also provided technical guidance on the interpretation of LPG legislation to LPG installers and importers of LPG equipment. In addition, the Unit enforced provisional terms of new industrial installations that will store large quantities of LPG and for new petrol stations with autogas.

In the framework of the modernization of the legal framework for LPG, the public consultation for the amendment of the Codes of Practice for LPG concerning small and large LPG installations was completed. The approved comments received were incorporated into the texts of the Codes and the new Codes were issued in 2023. Specifically, the Codes of Practice for LPG are “The Safety and Health at Work (Code of Practice for the LPG Installations) Order of 2023 (R.A.A. 69/2023)”, “The Safety and Health at Work (Code of Practice for the Storage of LPG Cylinders) Order of 2023 (R.A.A. 255/2023)” and “The Safety and Health at Work (Code of Practice for Small LPG Installations) Order of 2023 (R.A.A. 254/2023)”.

Within 2023, there was 1 application from persons wishing to be approved as LPG Installers and was approved after the review of the requested documents and the written exam. Moreover, 3 Compliance Files were reviewed. The Authorized LPG Auditors performed an amount of 1028 LPG inspections in 2023.

2.4. Radiation Protection and Nuclear Safety (RP&NS)

The Radiation Inspection and Control Service (RICS), operating within the DLI as the Radiation Protection Section, was established under the Protection against Ionising Radiation and Nuclear and Radiological Safety and Security legislation.

2.4.1. Revision and Improvement of RP&NS Legislative Framework

In 2023, following the 2018 enactment of the main RP&NS Law and Regulations, the harmonisation process with BSS Directive 2013/59/Euratom and the International Atomic Energy Agency (IAEA) standards GSR Parts 1 and 3 continued.

In 2023, The Protection against Ionising Radiation and Nuclear and Radiological Safety and Security (Basic Safety Standards for the Protection against the Dangers Arising from Exposure to Ionising Radiation (Amendment) Regulations of 2023 (R.A.A. 386/2023) and The Protection against Ionising Radiation and Nuclear and Radiological Safety and Security (Code of Practice on Setting-Out and Implementing Diagnostic Reference Levels for Radiodiagnostic Examinations) Notification of 2023 (R.A.A 196/2023) were published.

2.4.2. Implementation of a RP&NS Integrated Regulatory System (Authorisation, Inspection and Compliance Control) - Record Keeping

In 2023, RICS personnel performed 239 inspections, including measurements in workplaces, medical centres and other premises where activities with ionising or non-ionising radiation take place. The general outcome from the inspections is that, in general, there is compliance of the enterprises with the legislation on the conditions of the licenses. The main issue observed was that a number of radiological centres do not comply with the requirement of performing quality assurance checks at least once per year. 38 Improvement Notices were issued for not conformance, following repeated notifications.

In addition, 3 meetings were held of the Technical Licensing Committee resulting in the granting of 44 Authorisations through licensing for practices with ionising radiation as well as 97 Authorisations through registration and 46 Authorisations to enterprises for the import / export / shipment of radioactive sources or radioisotopes. Additionally, 134 certificates for radioactivity levels in recyclable metals, plastics, batteries, feed, foodstuff and beverages, for the purpose of exportation, were issued. Finally, there were 22 approvals for RP&NS services.

RICS in 2023 continued updating and upgrading the National Registers of Ionising Radiation Sources and Practices, the National Personal Dosimetry Register of Workers exposed to ionising radiation, as well as the Radioactive Waste and Disused Sources Register.

2.4.3. Improvement of the Organisation and Strengthening of the RP&NS System in Cyprus

In 2023, the implementation of the action plan prepared by RICS continued as a result of the findings, suggestions and recommendations of the international peer reviews of the regulatory system and of the RP&NS System and of the National Integrated Radioactive Waste Management System carried out in February of 2017 and May 2022, respectively.

In 2023, RICS continued updating the 6 thematic areas in the IAEA “Radiation Safety Information System” (RASIMS).

Finally, the implementation of the two national projects for 2020-2023 aimed at strengthening the

capabilities of the involved services in radiation safety and in the management of radioactive waste and disused radioactive sealed sources continued.

2.4.4. Monitoring of Environmental Radioactivity

The monitoring, sampling and measuring of radioactivity levels in air, soil, water, the marine environment, foodstuff, feed, materials from the hydrocarbon exploitation industry, building materials and miscellaneous goods continued in 2023, in collaboration with the State General Laboratory and the Department for Fisheries and Marine Research.

The telemetric network for the monitoring of environmental radioactivity in the atmosphere of Cyprus, which also functions as the early warning system in the event of a radiological incident has seven fixed local measuring stations covering the entire area under the control of the Republic, a portable gamma-radioisotope spectroscopic measuring station and a fixed total α -radiation, total β -radiation and γ -radioisotopes spectroscopic station for aerosol. The telemetric network is also linked to the emergency information network EURDEP of the European Union (EU). Through this network, information is also sent to the international Radiation Monitoring Information System (IRMIS) of the IAEA. Information to the public is given in real time through the website of RICS at www.radiation.dli.mlsi.gov.cy.

The national radioactivity monitoring network, includes three automatic air sampling pumps, one in Nicosia, one in Limassol and one in Paralimni for measurements of total β -radiation in the atmosphere and an automatic high-volume sampling pump in Nicosia for the monitoring of γ -radioisotope concentrations in the atmosphere.

In 2023 two automatic high-volume sampling pumps were added to the telemetric network for the monitoring of the γ -radiation in the atmosphere. Additionally, in 2023 DLI issued a tender for the purchase of a new equipment for monitoring of radiation in the sea.

In 2023, RICS continued the action plan 2019-2025 about the adverse health effect of long-term exposure to Radon. RICS, completed the 3-year project on the mapping of radon in enclosed spaces (houses, buildings, schools and workplace environments and other places of interest) and the mapping of the measurements on the Cyprus digital map showing the radon levels in the ground and for drinking water.

In addition, in March 2023, an inspection of the monitoring system of the radiation levels in the environment of Cyprus was contacted by the European Commission, according to the Articles 35/36 of EURATOM and the final report has been received. Also, in June 2023, RICS sent the results of the environmental monitoring for 2022 to the European Commission data bank REM (Radioactivity Environmental Monitoring).

2.4.5. National Action Plan ELECTRA for Nuclear / Radiological Incident Preparedness and Response

In 2023, the actions to upgrade the emergency preparedness framework for dealing with radiological / nuclear incidents continued through the implementation of the ELECTRA National Plan. RICS also participated in IAEA (ConvEx) and EU (ECUREX) Preparedness and Response exercises and related meetings. Also, in 2023, two Preparedness and Response exercises of the ELECTRA National plan were conducted, with the participation of various Services (one with the collaboration of the «Cyprus Center for Land, Open-seas and Port Security» (CYCLOPS) Training Center.

2.4.6. Implementation of an Integrated Radioactive Waste Management System in Cyprus

The implementation of actions under the National Programme for the Safe and Responsible Management of Radioactive Waste, approved by the Minister of Labour and Social Insurance in 2015, continued in 2023. The National Register of Radioactive Waste and Disused Sources is updated on a continuous basis, whenever there is a change.

2.4.7. Strengthening International Cooperation on RP&NS (EURATOM, IAEA, International Organisations or other countries) – IAEA Regional Programmes

RICS participated virtually in various Committees of EURATOM (ENSREG, EURATOM Art. 31 GoE, EURATOM Art. 35/36, ECURIE/EURDEP, STC), other European bodies and organisations (HERCA, WENRA, F4E) and of IAEA (IEC, ITDB, TC).

It also participated virtually or physically in other various meetings including the IAEA General Conference, where a public statement prepared with RICS was read, and also at various other IAEA meetings and activities, as well as in meetings and activities for nuclear security, Chemical, Biological and Nuclear factors and counter-terrorism meetings and activities. RICS also provided requested information and replied to a series of questionnaires to the EU and the IAEA on RP&NS issues. Two inspections of Cyprus were performed by IAEA and EU, regarding safeguards.

In 2023, RICS participated in various IAEA Technical Cooperation Programmes aimed at building up the capacity of the RP & NS system, as well as at upgrading the relevant infrastructure and capabilities of Cyprus. Within the framework of the above programmes, officers from RICS and from other Services and organisations from Cyprus participated in mainly online meetings of the IAEA and were trained or informed on relevant subjects. There was also significant free technical assistance provided to Cyprus in the form of equipment, software and consumables. Finally, in 2023, in the framework of the implementation of the bilateral agreement signed in 2008, the cooperation of RICS with the Greek

Atomic Energy Commission (EEAE) continued.

2.5. Air Quality

2.5.1. Ambient Air Quality Monitoring

During 2023, DLI continued the measurements for monitoring of ambient air quality in various points of Cyprus, as shown in the map of **Picture 3.1** of the **Appendix**. The aforementioned measurements were carried out using nine Stations, fully equipped with automatic real time instruments measuring the following pollutants: Nitric Oxide, Nitrogen Dioxide and Nitrogen Oxides (NO, NO₂ and NO_x), Ozone (O₃), Sulphur Dioxide (SO₂), Carbon Monoxide (CO), Suspended Particles (PM-Particulate Matter) (dust) and Benzene (C₆H₆). In addition, the most important meteorological parameters are monitored such as Wind Direction, Wind Speed, Ambient Temperature, Relative Humidity, Atmospheric Pressure and Solar Radiation. A photo of a representative station is shown in **Picture 3.2** of the **Appendix**.

The results of the measurements as well as other relevant information are presented on-line, through the specialized website www.airquality.gov.cy. In addition, informing the public for the air quality is carried out through 5 island-wide TV stations during the news bulletin. Also, the air quality bulletin is published by the daily newspaper Cyprus Mail in English language.

It is noted that, since 2017 the Department of Labour Inspection operates a mobile phone application with the aim to directly inform the public, especially the vulnerable population groups, the employees and other interested people. Through this application, the visitor has access to the information for the air quality, in real time, based on the different colors of pollution levels on Cyprus map, as well as based on the concentrations of pollutants per station.

2.5.2. Dust Events

During 2023, dust events were observed due to dust transport from the dry regions (deserts) of North Africa and Middle East areas. In 2023, 20 announcements were issued for high concentrations of Particulate Matter (PM) in the atmosphere of Cyprus to warn the public and especially the vulnerable groups (children, the elderly and patients) and the workers working in open spaces.

On 4.11.2022 was published the Order “The Safety and Health at Work (Code of Practice for the Protection of Persons at Work During Dust Episodes) Order of 2022” (R.A.A. 410/2022). The Code provides practical guidance on the obligations imposed by legislation and covers the actions of employers and the self-employed during dust events.

2.5.3. Suspended Particulate Matter Measurements

The measurements of concentrations of the Suspended Particles (PM) using special filters with dedicated samplers in all towns of Cyprus continued during 2023. From these samplings, firstly the concentrations of PM₁₀ and PM_{2.5} are calculated and then chemical analyses of these filters are carried out in specialised analytical laboratories for the determination of the concentrations of heavy metals (As, Cd, Ni, Hg, Pb), other metals (Al, Fe, Cu, Zn, Mn, Ti, Cr, V), ions (Cl⁻, Br⁻, SO₄²⁻, PO₄³⁻, NO₃⁻, Na⁺, K⁺, NH₄⁺, Mg²⁺, Ca²⁺) and Polycyclic Aromatic Hydrocarbons (PAH's) included in the PM.

2.5.4. Evaluation of the Results of Measurements

This report refers to the results of the measurements of 2022, because the measurements' validation procedure (hourly, daily) and the chemical analyses of the filters for PM are difficult and time-consuming procedures so the processing of measurements of 2022 was completed in 2023.

The results of the measurements of the major atmospheric pollutants at the areas which measurements are carried out show that the concentrations of most pollutants, like Sulphur Dioxide (SO₂), Carbon Monoxide (CO), Nitrogen Monoxide, Nitrogen Dioxide and Nitrogen Oxides (NO, NO₂ and NO_x), Benzene (C₆H₆), heavy metals and benzo(a)pyrene are below the corresponding limit values, specified in the Cyprus and European Legislation. Exception exists in cases of Ozone (O₃) and Particulate Matter (PM₁₀) where exceedances of the limit values are observed.

The results of the measurements are presented from **Figure 3.8 on page 53 to Figure 3.12 on page 56** of the **Appendix**. Specifically, in **Figure 3.8**, the annual mean values of various pollutants at the Nicosia Traffic Station are presented, from 2000 to 2022, where a constant decline of the concentration of the pollutants NO₂, CO and SO₂ is observed. This decline is mainly due to the improvement of fuel quality, the introduction of modern technology vehicles equipped with catalyst and the routine technical inspection of all vehicles.

Figure 3.9 on page 53 of the **Appendix**, shows the annual mean concentrations of O₃ at three representative areas (background, residential area and increased traffic area). The relevant exceedances of the target value are mostly due to the climatic conditions prevalent in Cyprus, where high ambient temperatures and high solar radiation contribute to the production of O₃, as well as due to the transboundary pollution of the O₃ and O₃ precursor's transportation from the East Mediterranean and other neighboring countries.

Figure 3.10 on page 54 of the **Appendix**, shows the annual average values of Particulate Matter (PM₁₀) at the Traffic Stations of Nicosia (NICTRA), Limassol (LIMTRA), Larnaca (LARTRA) Pafos (PAFTRA) and Paralimni (PARTRA) and at the Rural Background Station of Ayia Marina Xyliatou (EMEP) for the years 2010 to 2022. Despite the exceedances, during the last years there is a small

reduction in the PM₁₀ concentration. The exceedances of the limit value of PM₁₀ observed are due to anthropogenic and natural sources. The anthropogenic sources are the emissions from combustion (vehicles, industry and heating) and natural sources are dust transportation from the deserts of North Africa, Middle East and the sea salt.

Figure 3.11 on page 55 of the **Appendix**, shows the number of exceedances of the daily limit value of PM₁₀ (50 µg/m³) at the traffic stations. In 2022, at the Nicosia, Limassol, Larnaca and Paralimni traffic stations the number of exceedances exceeds the maximum allowed number of 35 per year. It is noted that, after the subtraction of the number of the exceedances due to natural sources (sea salt, dust from Sahara and Asia) the final number of exceedances is below 35 in all traffic stations.

Figure 3.12 on page 56 of the **Appendix**, shows the annual average values of PM_{2.5} at the Residential Stations and EMEP Background Station at Ayia Marina Xyliatou. The measurements in the Residential Stations for the last three years (2020-2022), were used to calculate the Average Exposure Index (AEI). The AEI calculated is 14,23 µg/m³. Based on the relevant legislation, the national exposure reduction target for PM_{2.5} for the protection of human health, for 2020, is defined to be 18 µg/m³.

In order to handle the problem of the exceedances, especially for the PM₁₀, and to improve air quality concerning the other pollutants, the DLI prepared an Action Plan for the Improvement of Air Quality, which was approved by the Council of Ministers in 2008 and was submitted to the European Commission. The progress of implementing the measures of the Action Plan is monitored by the DLI, as the Competent Authority, through a Technical Committee, which is prescribed in the relevant legislation and where representatives from five Ministries, the Cyprus Scientific and Technical Chamber and the Federation of Environmental Organisations of Cyprus. Due to the pandemic, the Technical Committee did not meet in 2022. DLI contacted the members of the Technical Committee and received information on the progress of the implementation of the measures of the Action Plan. In October 2022, DLI, as the Competent Authority, after proceeding with the necessary consultation with the Environment Commissioner and the members of the Technical Committee, updated and revised the text of the National Action Plan. In a session held on 15.2.2023, the Council of Ministers was informed about the revised National Action Plan. The original text of the National Action Plan, as well as the revised text of 2022, are posted on the website www.airquality.gov.cy under the link "Reports".

Therefore, the table of measures was revised with the new information. At the same time, the study for the identification of sources of PM₁₀ with chemical analyses was continued, to determine the percentage of natural sources contribution so that realistic measures can be applied for the reduction of anthropogenic sources.

Finally, within 2023, a specialized National Action Plan for Suspended Particles (Dust) was prepared and forwarded to the Council of Ministers in order to be informed. This Plan was prepared in

collaboration with the Medical School of the University of Cyprus within the framework of the European research program LIFE – MEDEA. The development of a specialized Action Plan for Suspended Particulate Matter (PM) is considered important due to the continued violation of the number of exceedances of PM₁₀ limit values due to Desert Dust Storm (DSS) episodes. This Action Plan includes a series of proposed measures and actions for further information and protection of the public and especially vulnerable groups of the population during DDS.

2.5.5. National Air Quality Reference Laboratory (NRL)

The NRL was accredited by the Cyprus Organization for the Promotion of Quality (CYS-CYSAB) according to the CYS EN ISO/IEC 17025 standard from 6.6.2013 for four years. The inspection of conformity to the standard is done annually. On 19 and 20.6.2017 the reassessment of the entire Quality Assurance System by the CYS-CYSAB was successfully carried out and the Accreditation of the Laboratory and the Air Quality Monitoring Network was renewed for the next four years with annual surveys. In addition, in 2 and 3.12.2019 the NRL and the Air Quality Monitoring Network were inspected successfully with the revised standard CYS EN ISO/IEC 17025:2017. Also, on 25 and 26.10.2021, the entire Quality Assurance System was successfully re-evaluated by the CYS-CYSAB and the accreditation of the Laboratory and the Air Quality Monitoring Network was renewed for another four years with annual supervision. Finally, on 27-28.7.2023 the annual evaluation of the laboratory by the Accreditation Body was successfully carried out.

The NRL participates in mandatory Laboratory Intercomparisons at the Joint Research Center (Ispra - Italy) of the European Union every three years, as obliged by the relevant EU Directive for the Air Quality. These intercomparisons concern all methods of measurement with the instruments of the NRL of the various atmospheric pollutants for which measurements are made.

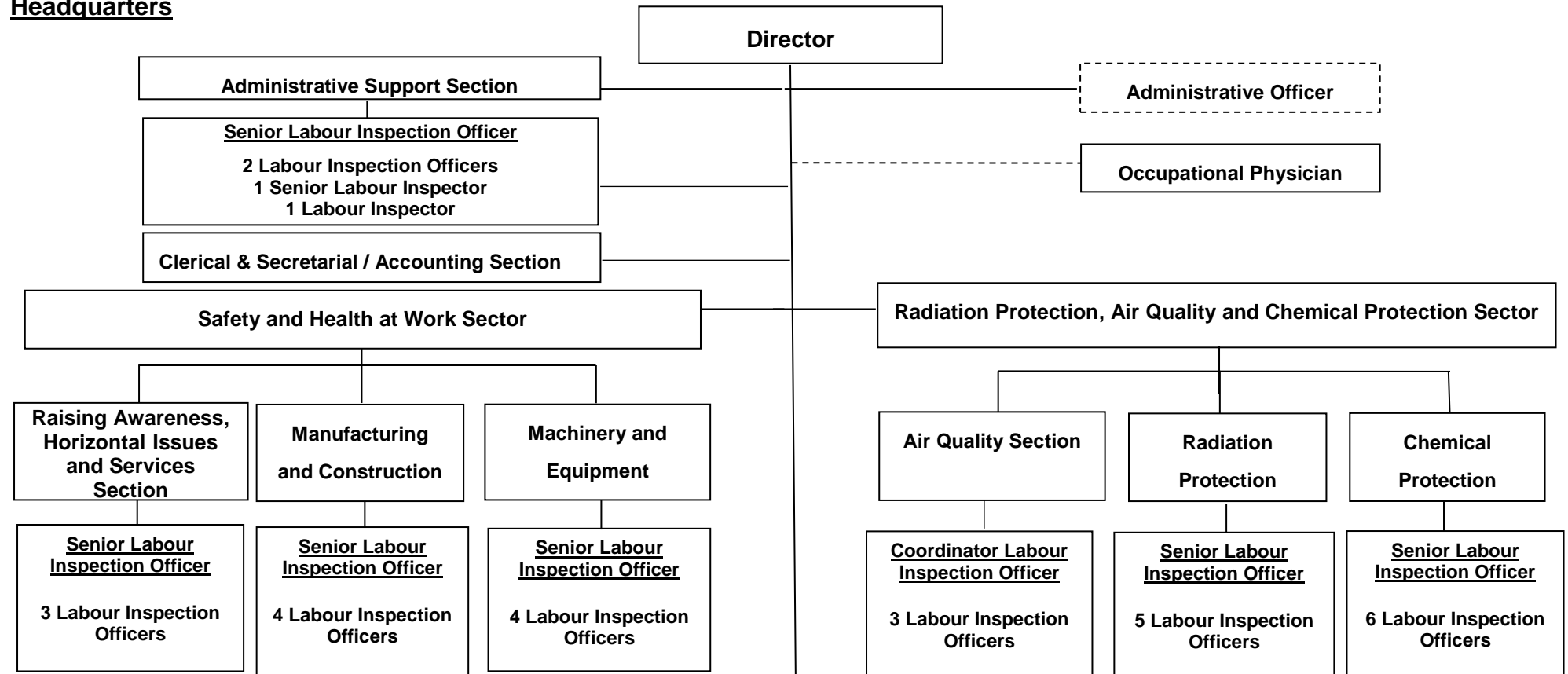
2.5.6. Annual National Air Pollutant Emissions

The DLI, 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 2023. Within this framework, during 2023 the annual emissions of the air pollutants of Cyprus were calculated for the year 2021 and were forwarded to the Executive Body of the Convention and to the European Environment Agency. These data have been included in the relative reports published by the Executive Body of the Convention. In **Table 3.12 on page 58 and in Figure 3.13-3.19 on pages 58 and 59 of the Appendix**, the total annual air pollutant emissions per activity for the year 2021 are shown.

3. APPENDIX

Chart 3.1: Organizational Chart and Personnel of the Department of Labour Inspection (DLI) 2023

Headquarters



Districts Offices

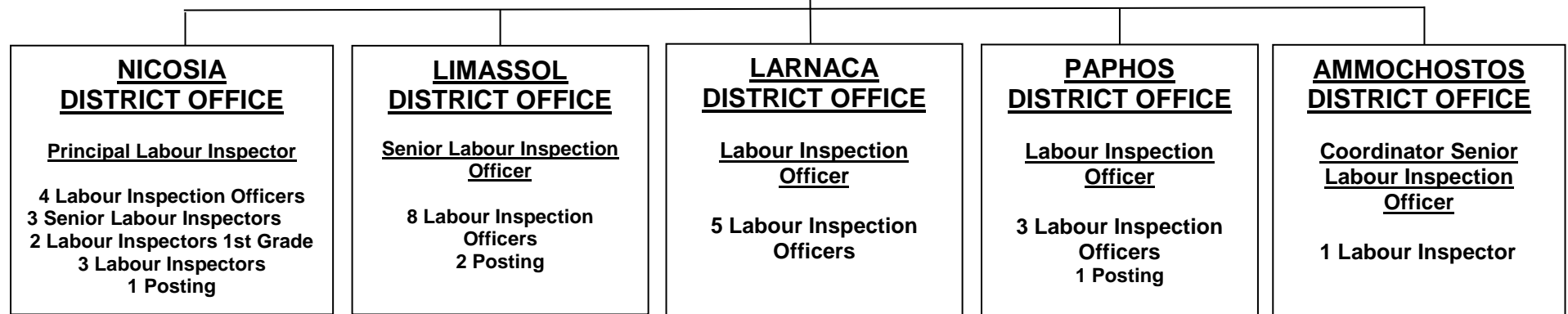


Table 3.1: Inspection Program for Safety and Health at Work for the Year 2023 – Yearly and Monthly Inspection Activities

S/N	INSPECTION ACTIVITIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PART A – THROUGHOUT THE YEAR													
1	Re-inspection of work places at which a Contravention Letter has been sent or an Improvement Notice has been issued either in the previous or current year.												
2	Audit of Safety issues management (External and Internal Protection and Prevention Services, Safety Officers), Promotion of the interactive Risk Assessment tool OiRA.												
3	Examination of applications for the issue of a Planning Permit / Building Permit / Certificates of Final Approval.												
4	Examination of applications and inspection for the issue of a Factory Registration Certificate.												
5	Inspection in Nursing Activities (Hospitals, Private clinics, P8610).												
6	Inspections for the Safe Storage of Petroleum Products.												
7	Inspections at units where dangerous chemical substances of “Seveso” category are stored/ used.												
8	Inspection of fire extinguisher maintenance companies												
9	Inspections at the Constructor Sector (F41- 43)												
ΜΕΡΟΣ Β - ΣΕ ΜΗΝΙΑΙΑ ΒΑΣΗ													
10	Construction sites (F41- 43)												
11	Manufacture and Storage of Chemicals substances, [(pesticides, basic pharmaceutical products, plastics and rubber) (C19-22)] and Water Supply - Wastewater Treatment, Waste Management and Remediation Activities (E36-39)												
12	Campaign in processing facilities that have not been inspected in the last 5 years												
13	Protection of workers from Heat stress [Work sites (F41- 43)												
14	Hotels, Restaurants (I55, I56)												

Table 3.2: Inspections of Undertakings for the Year 2023 for Safety and Health 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	6	0,5%	37,5%	0	0,0%	0,0%	2	1,6%	12,5%	4	0,5%	25,0%	4	0,4%	25,0%	16	0,4%			
2	SECTION B — MINING AND QUARRYING	4	0,3%	23,5%	2	0,2%	11,8%	0	0,0%	0,0%	10	1,3%	58,8%	1	0,1%	5,9%	17	0,4%			
3	SECTION C — MANUFACTURING	234	18,4%	40,1%	88	10,5%	15,1%	38	30,9%	6,5%	170	21,6%	29,2%	53	5,9%	9,1%	583	14,9%			
4	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	1	0,1%	10,0%	1	0,1%	10,0%	0	0,0%	0,0%	8	1,0%	80,0%	0	0,0%	0,0%	10	0,3%			
5	SECTION E — WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	11	0,9%	22,9%	7	0,8%	14,6%	0	0,0%	0,0%	12	1,5%	25,0%	18	2,0%	37,5%	48	1,2%			
6	SECTION F — CONSTRUCTION	625	49,3%	27,7%	578	68,8%	25,6%	30	24,4%	1,3%	346	44,0%	15,4%	675	75,2%	29,9%	2254	57,5%			
7	SECTION G — WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	120	9,5%	46,0%	41	4,9%	15,7%	10	8,1%	3,8%	56	7,1%	21,5%	34	3,8%	13,0%	261	6,7%			
8	SECTION H — TRANSPORTATION AND STORAGE	18	1,4%	23,4%	7	0,8%	9,1%	0	0,0%	0,0%	41	5,2%	53,2%	11	1,2%	14,3%	77	2,0%			
9	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	79	6,2%	29,6%	34	4,0%	12,7%	14	11,4%	5,2%	65	8,3%	24,3%	75	8,4%	28,1%	267	6,8%			
10	SECTION J — INFORMATION AND COMMUNICATION	2	0,2%	25,0%	4	0,5%	50,0%	0	0,0%	0,0%	1	0,1%	12,5%	1	0,1%	12,5%	8	0,2%			
11	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	12	0,9%	60,0%	8	1,0%	40,0%	0	0,0%	0,0%	0	0,0%	0,0%	0	0,0%	0,0%	20	0,5%			
12	SECTION L — REAL ESTATE ACTIVITIES	0	0,0%	0,0%	6	0,7%	37,5%	2	1,6%	12,5%	5	0,6%	31,3%	3	0,3%	18,8%	16	0,4%			
13	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	14	1,1%	29,8%	17	2,0%	36,2%	2	1,6%	4,3%	8	1,0%	17,0%	6	0,7%	12,8%	47	1,2%			
14	SECTION N — ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES	3	0,2%	37,5%	1	0,1%	12,5%	1	0,8%	12,5%	3	0,4%	37,5%	0	0,0%	0,0%	8	0,2%			
15	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY	32	2,5%	56,1%	7	0,8%	12,3%	6	4,9%	10,5%	10	1,3%	17,5%	2	0,2%	3,5%	57	1,5%			
16	SECTION P — EDUCATION	23	1,8%	54,8%	3	0,4%	7,1%	6	4,9%	14,3%	7	0,9%	16,7%	3	0,3%	7,1%	42	1,1%			
17	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	35	2,8%	35,4%	27	3,2%	27,3%	5	4,1%	5,1%	23	2,9%	23,2%	9	1,0%	9,1%	99	2,5%			
18	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	5	0,4%	23,8%	5	0,6%	23,8%	4	3,3%	19,0%	5	0,6%	23,8%	2	0,2%	9,5%	21	0,5%			
19	SECTION S — OTHER SERVICE ACTIVITIES	10	0,8%	37,0%	4	0,5%	14,8%	1	0,8%	3,7%	11	1,4%	40,7%	1	0,1%	3,7%	27	0,7%			
20	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	35	2,8%	89,7%	0	0,0%	0,0%	2	1,6%	5,1%	2	0,3%	5,1%	0	0,0%	0,0%	39	1,0%			
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%	0,0%	0	0,0%			
TOTAL NO. OF INSPECTIONS		1.269	32,4%			840	21,4%			123	3,1%			787	20,1%			898	22,9%		3.917
			(%4)				(%4)				(%4)				(%4)				(%4)		

%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.

Table 3.3: Number of Contraventions and Fines imposed on 22 Legal Proceedings completed in 2023 for Safety and Health issues in comparison with previous years

No	Laws / Regulations	Number of Contraventions ¹				Total amount of fines charged in €			
		2020	2021	2022	2023	2020	2021	2022	2023
1	The Safety and Health at Work Law of 1996 - 2015	13	28	23	13 ²	14400	39650	59050	57500
2	The Safety and Health at Work (Accidents and Dangerous Occurrences Notification) Regulations of 2007	4	4	13	10	1550	2350	14450	20600
3	The Safety and Health (Minimum Requirements for Temporary or Mobile Construction Sites) Regulations of 2002 and 2015	7	33	55	40 ²	22000	68300	10133 3	87500
4	The Management of Safety and Health Issues at Work Regulations of 2002	19	33	12 ³	13 ³	12300	32100	18700	24000
5	The Minimum Requirements for Safety and Health (Use of Work Equipment at Work) Regulations of 2001 and 2004	8	24 ⁴	9 ⁵	7	7600	33550	11717	12500
6	The Minimum Requirements for Safety and Health at the Workplace Regulations of 2002 and 2004	5	1	4	0	2450	3450	1700	0
7	The Minimum Requirements for Safety and Health (Use of Personal Protective Equipment at Work) Regulations of 2001	0	3	0	0	0	3750	0	0
8	The Employer's Liability (Compulsory Insurance) Laws of 1989 - 2011	2	56	4	5	1250	1850	2500	6000
9	The Safety and Health at Work (Protection from Asbestos) Regulations of 2006 and 2015	0	2	0	6 ⁷	0	3000	0	1500
10	The Safety and Health at Work (Biological Agents) Regulations of 2001	1	0	0	0	850	0	0	0
11	The Safety and Health at Work (Chemical Agents) Regulations of 2001 - 2012	1	0	0	0	850	0	0	0
12	The Safety Committees at Work Regulations of 1997	0	0	0	0	0	0	0	0
13	The Essential Requirements (Machinery) Regulations of 2003 (abolished in 29/12/2009)	0	2	0	1	0	1550	0	500
14	The Minimum Requirements for Safety and Health at Work (Mining via Drilling Industries) Regulations of 2002	0	0	3	0	0	0	4000	0
15	The Minimum Requirements for Safety and Health at Work (Surface and Underground Extractive Industries) Regulations of 2002	0	3	5	0	0	1050	19000	0
TOTAL		60	138	128	95	63250	190600	23245	210100

¹It is noted that a case being tried may involve more than one violation.

²Three convictions cases resulted in a 12-month prison, 6-month prison and 8-month prison sentence respectively, suspended for three years

³One of the convictions resulted in a 2-month prison sentence suspended for three years.

⁴One of the convictions resulted in a 6-month prison sentence suspended for two years.

⁵One of the convictions resulted in a 2-month prison sentence suspended for three years.

⁶One of the convictions resulted in a 2-month prison sentence suspended for three years.

⁷One of the convictions resulted in a 45-day prison sentence.

Table 3.4: Analysis of Work Accidents for the Year 2023 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	Transportation Means	Materials / Substances	Other Causes
1	SECTION A — AGRICULTURE, FORESTRY AND FISHING	20	1,51%	19	1	0	20	0	20	11	3	2	4	0
2	Crop and animal production, hunting and related service activities	8	0,60%	7	1	0	8	0	8	5	1	1	1	0
3	Forestry and logging	8	0,60%	8	0	0	8	0	8	5	1	1	1	0
4	Fishing and aquaculture	4	0,30%	4	0	0	4	0	4	1	1	0	2	0
5	SECTION B — MINING AND QUARRYING	8	0,60%	8	0	0	8	0	8	3	4	0	1	0
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	1	0,08%	1	0	0	1	0	1	0	1	0	0	0
9	Other mining and quarrying	7	0,53%	7	0	0	7	0	7	3	3	0	1	0
10	Mining support service activities	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
11	SECTION C — MANUFACTURING	203	15,29%	146	57	0	203	5	198	74	59	11	56	3
12	Manufacture of food products	86	6,48%	46	40	0	86	3	83	37	26	6	17	0
13	Manufacture of beverages	8	0,60%	8	0	0	8	0	8	2	2	0	4	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	4	0,30%	4	0	0	4	0	4	1	3	0	0	0
18	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	10	0,75%	10	0	0	10	0	10	4	5	0	1	0
19	Manufacture of paper and paper products	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
20	Printing and reproduction of recorded media	1	0,08%	1	0	0	1	0	1	1	0	0	0	0
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	4	0,30%	4	0	0	4	1	3	2	1	1	0	0
23	Manufacture of basic pharmaceutical products and pharmaceutical preparations	22	1,66%	11	11	0	22	0	22	8	7	1	6	0
24	Manufacture of rubber and plastic products	12	0,90%	11	1	0	12	0	12	0	7	0	4	1
25	Manufacture of other non-metallic mineral products	17	1,28%	17	0	0	17	1	16	5	2	1	8	1
26	Manufacture of basic metals	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
27	Manufacture of fabricated metal products, except machinery and equipment	25	1,88%	22	3	0	25	0	25	5	5	1	14	0
28	Manufacture of computer, electronic and optical products	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
29	Manufacture of electrical equipment	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
30	Manufacture of machinery and equipment n.e.c.	3	0,23%	2	1	0	3	0	3	1	1	0	1	0
31	Manufacture of motor vehicles, trailers and semi-trailers	1	0,08%	0	1	0	1	0	1	1	0	0	0	0
32	Manufacture of other transport equipment	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
33	Manufacture of furniture	3	0,23%	3	0	0	3	0	3	2	0	0	1	0
34	Other manufacturing	6	0,45%	6	0	0	6	0	6	4	0	1	0	1
35	Repair and installation of machinery and equipment	1	0,08%	1	0	0	1	0	1	1	0	0	0	0
36	SECTION D — ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY	18	1,36%	17	1	0	18	0	18	7	3	1	5	2
37	Electricity, gas, steam and air conditioning supply	18	1,36%	17	1	0	18	0	18	7	3	1	5	2
38	SECTION E — WATER SUPPLY SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES	23	1,73%	22	1	0	23	0	23	4	6	5	4	4
39	Water collection, treatment and supply	5	0,38%	5	0	0	5	0	5	0	0	3	1	1
40	Sewerage	5	0,38%	5	0	0	5	0	5	1	3	1	0	0
41	Waste collection, treatment and disposal activities, materials recovery	12	0,90%	11	1	0	12	0	12	3	3	1	2	3
42	Remediation activities and other waste management services	1	0,08%	1	0	0	1	0	1	0	0	0	1	0
43	SECTION F — CONSTRUCTION	222	16,72%	218	4	0	222	4	218	129	43	8	41	1
44	Construction of buildings	131	9,86%	128	3	0	131	2	129	77	28	6	20	0
45	Civil engineering	23	1,73%	23	0	0	23	0	23	9	7	1	5	1
46	Specialised construction activities	68	5,12%	67	1	0	68	2	66	43	8	1	16	0
47	SECTION G — WHOLESALE AND RETAIL TRADE, REPAIR OF MOTOR VEHICLES AND MOTORCYCLES	165	12,42%	103	62	0	165	1	164	48	53	20	36	8
48	Wholesale and retail trade and repair of motor vehicles and motorcycles	25	1,88%	22	3	0	25	0	25	3	9	6	5	2
49	Wholesale trade, except of motor vehicles and motorcycles	38	2,86%	31	7	0	38	1	37	13	12	5	5	3
50	Retail trade, except of motor vehicles and motorcycles	102	7,68%	50	52	0	102	0	102	32	32	9	26	3
51	SECTION H — TRANSPORTATION AND STORAGE	101	7,61%	88	13	0	101	0	101	27	16	34	21	3
52	Land transport and transport via pipelines	20	1,51%	19	1	0	20	0	20	3	3	9	4	1
53	Water transport	2	0,15%	2	0	0	2	0	2	1	0	1	0	0
54	Air transport	1	0,08%	0	1	0	1	0	1	0	0	0	1	0
55	Warehousing and support activities for transportation	72	5,42%	62	10	0	72	0	72	20	13	21	16	2
56	Postal and courier activities	6	0,45%	5	1	0	6	0	6	3	0	3	0	0
57	SECTION I — ACCOMMODATION AND FOOD SERVICE ACTIVITIES	284	21,39%	162	122	3	281	2	282	132	77	21	43	11
58	Accommodation	168	12,65%	77	91	1	167	0	168	77	54	1	28	8
59	Food and beverage service activities	116	8,73%	85	31	2	114	2	114	55	23	20	15	3

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	Transportation Means	Materials / Substances	Other Causes
60	SECTION J — INFORMATION AND COMMUNICATION	10	0,75%	9	1	0	10	0	10	4	2	2	1	1
61	Publishing activities	0	0,00%	0	0	0	0	0	0	0	0	0	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	1	0,08%	0	1	0	1	0	1	1	0	0	0	0
64	Telecommunications	6	0,45%	6	0	0	6	0	6	2	1	2	1	0
65	Computer programming, consultancy and related activities	2	0,15%	2	0	0	2	0	2	0	1	0	0	1
66	Information service activities	1	0,08%	1	0	0	1	0	1	1	0	0	0	0
67	SECTION K — FINANCIAL AND INSURANCE ACTIVITIES	4	0,30%	1	3	0	4	0	4	4	0	0	0	0
68	Financial service activities, except insurance and pension funding	4	0,30%	1	3	0	4	0	4	4	0	0	0	0
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	7	0,53%	4	3	0	7	0	7	4	0	1	1	1
72	Real estate activities	7	0,53%	4	3	0	7	0	7	4	0	1	1	1
73	SECTION M — PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES	17	1,28%	15	2	0	17	0	17	5	3	7	2	0
74	Legal and accounting activities	5	0,38%	3	2	0	5	0	5	2	1	1	1	0
75	Activities of head offices; management consultancy activities	5	0,38%	5	0	0	5	0	5	1	0	4	0	0
76	Architectural and engineering activities; technical testing and analysis	2	0,15%	2	0	0	2	0	2	1	0	1	0	0
77	Scientific research and development	1	0,08%	1	0	0	1	0	1	0	0	1	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	4	0,30%	4	0	0	4	0	4	1	2	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	41	3,09%	30	11	0	41	0	41	21	3	6	8	3
82	Rental and leasing activities	2	0,15%	2	0	0	2	0	2	0	1	0	1	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	0	0,00%	0	0	0	0	0	0	0	0	0	0	0
85	Security and investigation activities	9	0,68%	8	1	0	9	0	9	5	1	1	1	1
86	Services to buildings and landscape activities	11	0,83%	4	7	0	11	0	11	7	0	2	2	0
87	Office administrative, office support and other business support activities	19	1,43%	16	3	0	19	0	19	9	1	3	4	2
88	SECTION O — PUBLIC ADMINISTRATION AND DEFENCE, COMPULSORY SOCIAL SECURITY	105	7,91%	82	23	0	105	2	103	36	20	18	19	12
89	Public administration and defence; compulsory social security	105	7,91%	82	23	0	105	2	103	36	20	18	19	12
90	SECTION P — EDUCATION	30	2,26%	7	23	0	30	0	30	20	4	2	3	1
91	Education	30	2,26%	7	23	0	30	0	30	20	4	2	3	1
92	SECTION Q — HUMAN HEALTH AND SOCIAL WORK ACTIVITIES	31	2,33%	5	26	0	31	0	31	18	4	1	7	1
93	Human health activities	24	1,81%	5	19	0	24	0	24	14	4	0	6	0
94	Residential care activities	6	0,45%	0	6	0	6	0	6	3	0	1	1	1
95	Social work activities without accommodation	1	0,08%	0	1	0	1	0	1	1	0	0	0	0
96	SECTION R — ARTS, ENTERTAINMENT AND RECREATION	21	1,58%	10	11	0	21	0	21	13	2	3	1	2
97	Creative, arts and entertainment activities	3	0,23%	3	0	0	3	0	3	0	0	3	0	0
98	Libraries, archives, museums and other cultural activities	1	0,08%	0	1	0	1	0	1	1	0	0	0	0
99	Gambling and betting activities	12	0,90%	3	9	0	12	0	12	9	2	0	1	0
100	Sports activities and amusement and recreation activities	5	0,38%	4	1	0	5	0	5	3	0	0	0	2
101	SECTION S — OTHER SERVICE ACTIVITIES	12	0,90%	9	3	0	12	0	12	7	1	3	1	0
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	1	0,08%	1	0	0	1	0	1	0	0	1	0	0
104	Other personal service activities	11	0,83%	8	3	0	11	0	11	7	1	2	1	0
105	SECTION T — ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE	5	0,38%	2	3	0	5	0	5	2	1	0	2	0
106	Activities of households as employers of domestic personnel	5	0,38%	2	3	0	5	0	5	2	1	0	2	0
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	1	0,08%	0	1	0	1	0	1	0	0	1	0	0
109	Activities of extraterritorial organisations and bodies	1	0,08%	0	1	0	1	0	1	0	0	1	0	0
	Σύνολο:	1.328		957	371	3	1.325	14	1.314	569	304	146	256	53

Figure 3.1 Analysis of Work Accidents by Economic Activity for the Year 2023 (Employed Persons only, during their work)

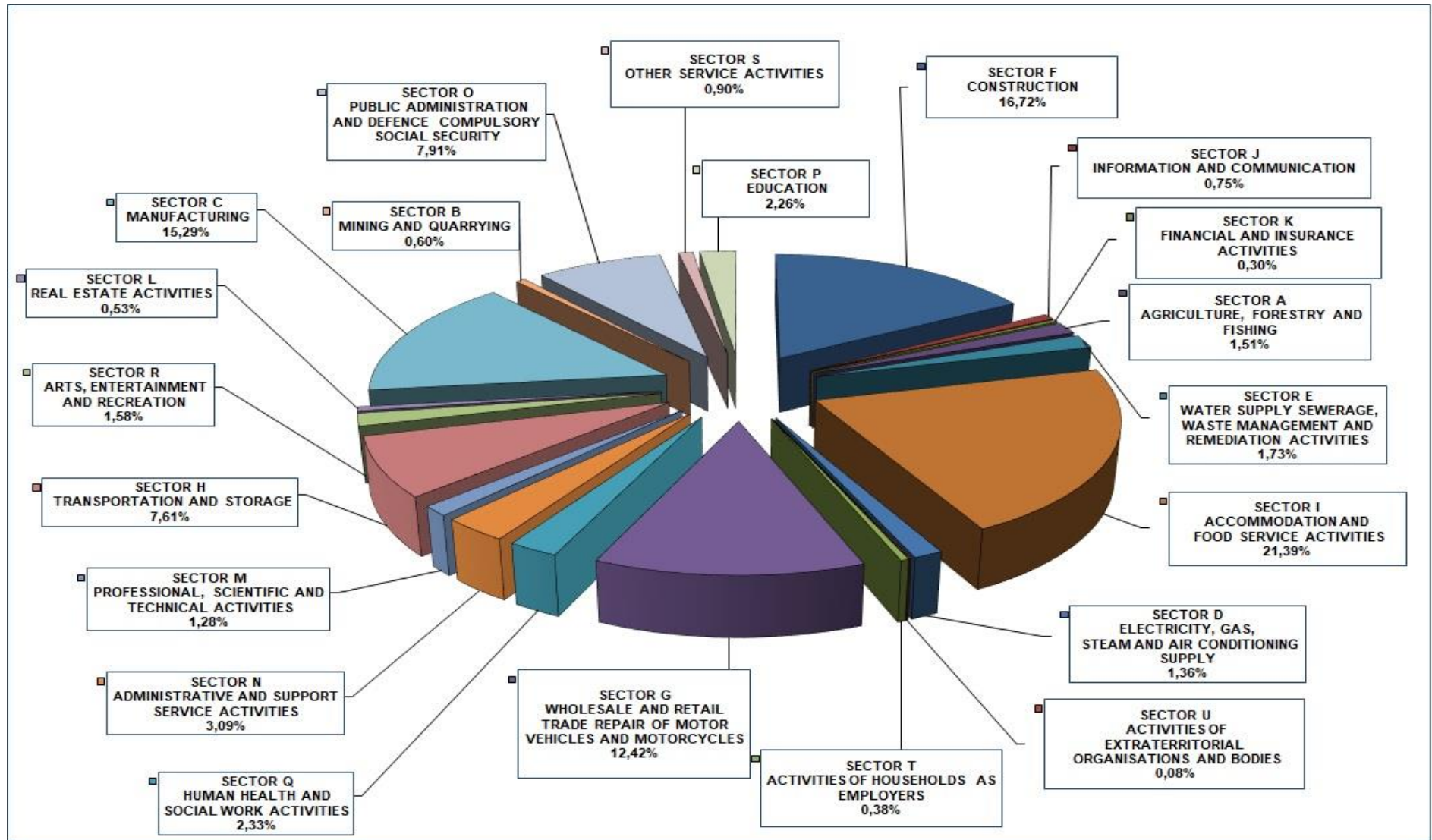


Figure 3.2: Accidents Reported during 2012 – 2023 (Employed Persons only, during their work)

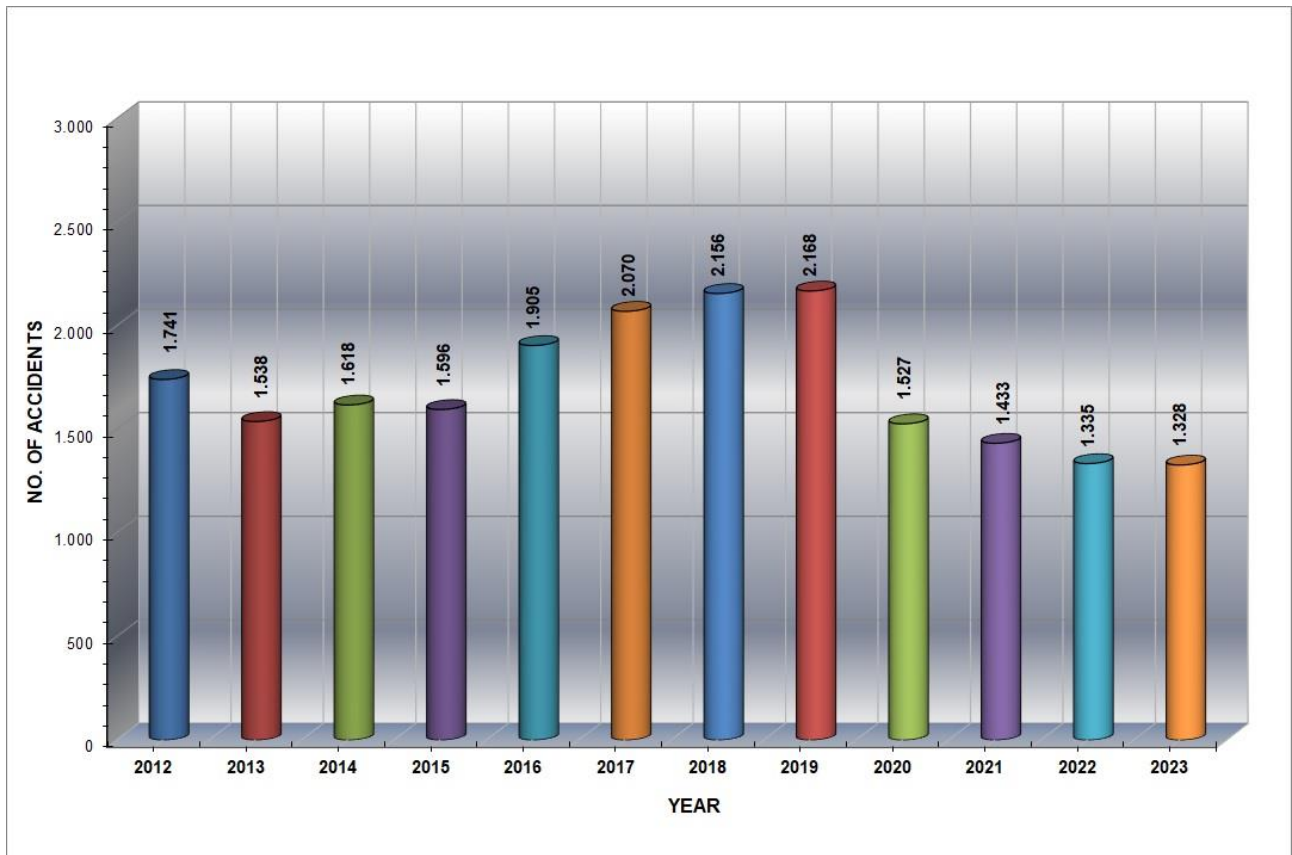


Figure 3.3: Analysis of Work Accidents Reported during the Year 2023 by Cause (Employed Persons only, during their work)

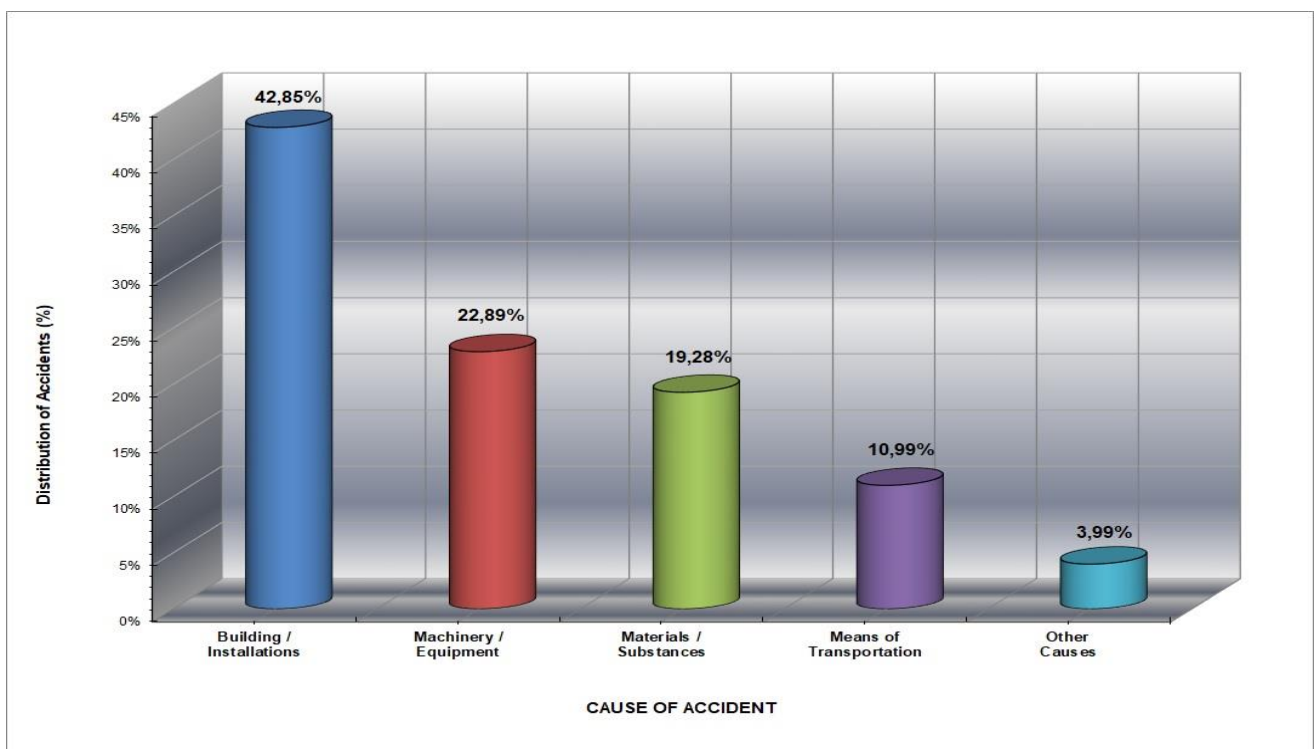


Table 3.5: Analysis of Fatal Accidents Occurred to employed person during work (Total number: 12 – 13 victims)

No.	District	Number of Victims	Economic Activity Sector of Employer	Accident Causation
1.	Pafos	1	Construction	Fall from a height
2.	Larnaca	1	Glass cutting and processing	Knock from glass shards
3.	Nicosia	1	Distribution of ready meals	Traffic accident ^{Note.}
4.	Limassol	1	Construction	Fall from height
5.	Larnaca	1	Wholesale	Fall from a height (Fall of a forklift, where the victim was a passenger, from a height of 1.45 m.)
6.	Larnaca	2	Bakery industry	Traffic accident ^{Note.}
7.	Pafos	1	Public Administration	Traffic accident ^{Note.}
8.	Larnaca	1	Public Administration	Traffic accident ^{Note.}
9.	Pafos	1	Construction	Fall from a height (Scaffold)
10.	Limassol	1	Manufacture of cleaning products	Traffic accident ^{Note.}
11.	Nicosia	1	Manufacture and Trade of Animal Feed	Hitting / being crushed by a vehicle
12.	Limassol	1	Metal constructions	Fall from height (Sloping roof)

Note: Out of the total 12 accidents mentioned above, four (4) of them, which resulted in the fatal injury of five (5) persons, were traffic accidents. These accidents are investigated by the Police.

Table 3.6: Analysis of Fatal Accidents Occurred to Self-employed Persons during work (Total number: 2)

No.	District	Number of Victims	Economic Activity Sector of Employer	Accident Causation
1.	Limassol	1	Gardening work	Fall from a height
2.	Limassol	1	Agricultural Work	Overturning of an agricultural tractor

**Figure 3.4: Fatal Accidents Reported during the Period 2012 – 2023
(Employed Persons only, during their Work)**

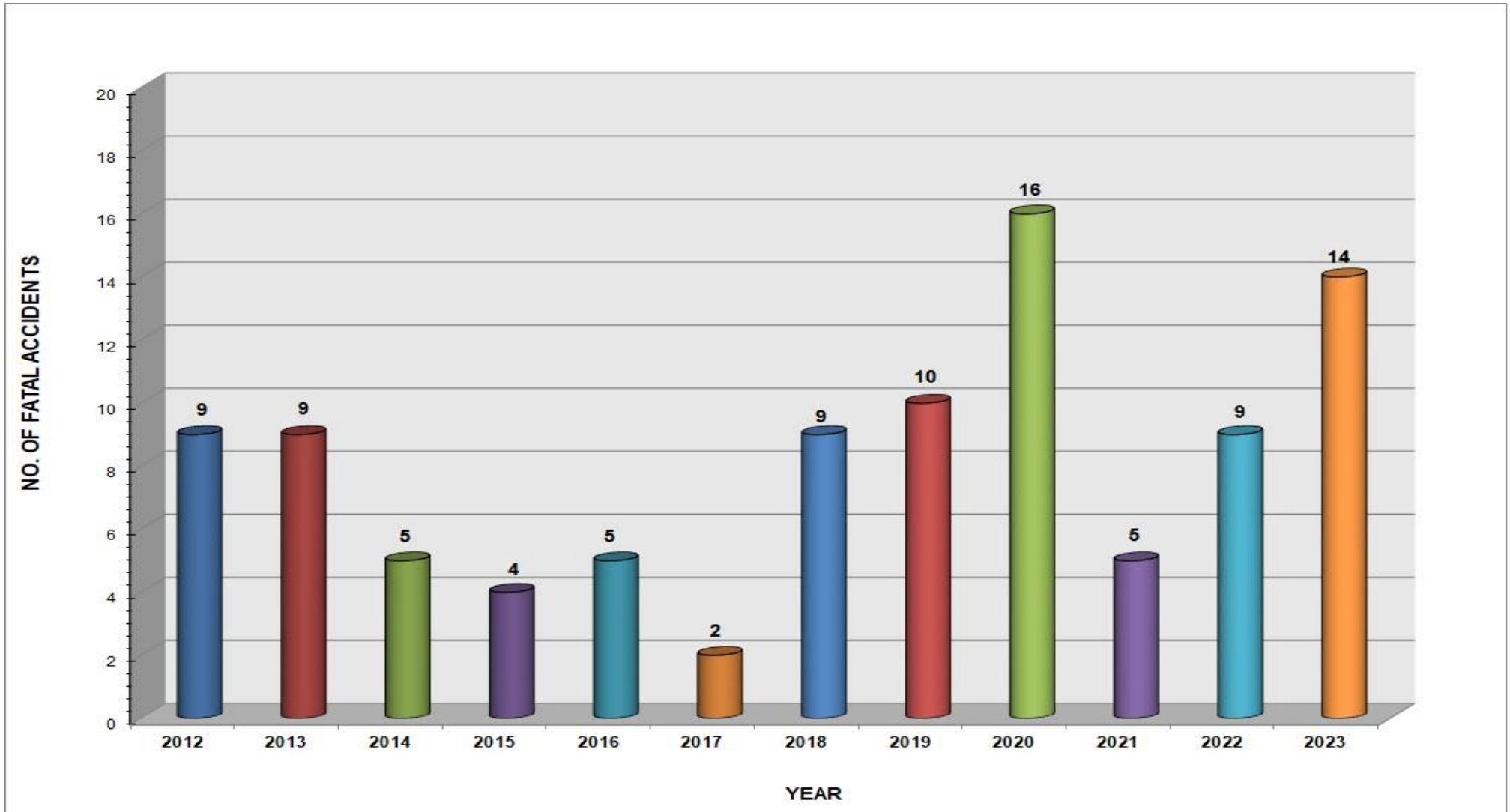


Figure 3.5: Incidence Rate by Economic Activity for the Year 2023 (Preliminary Results)

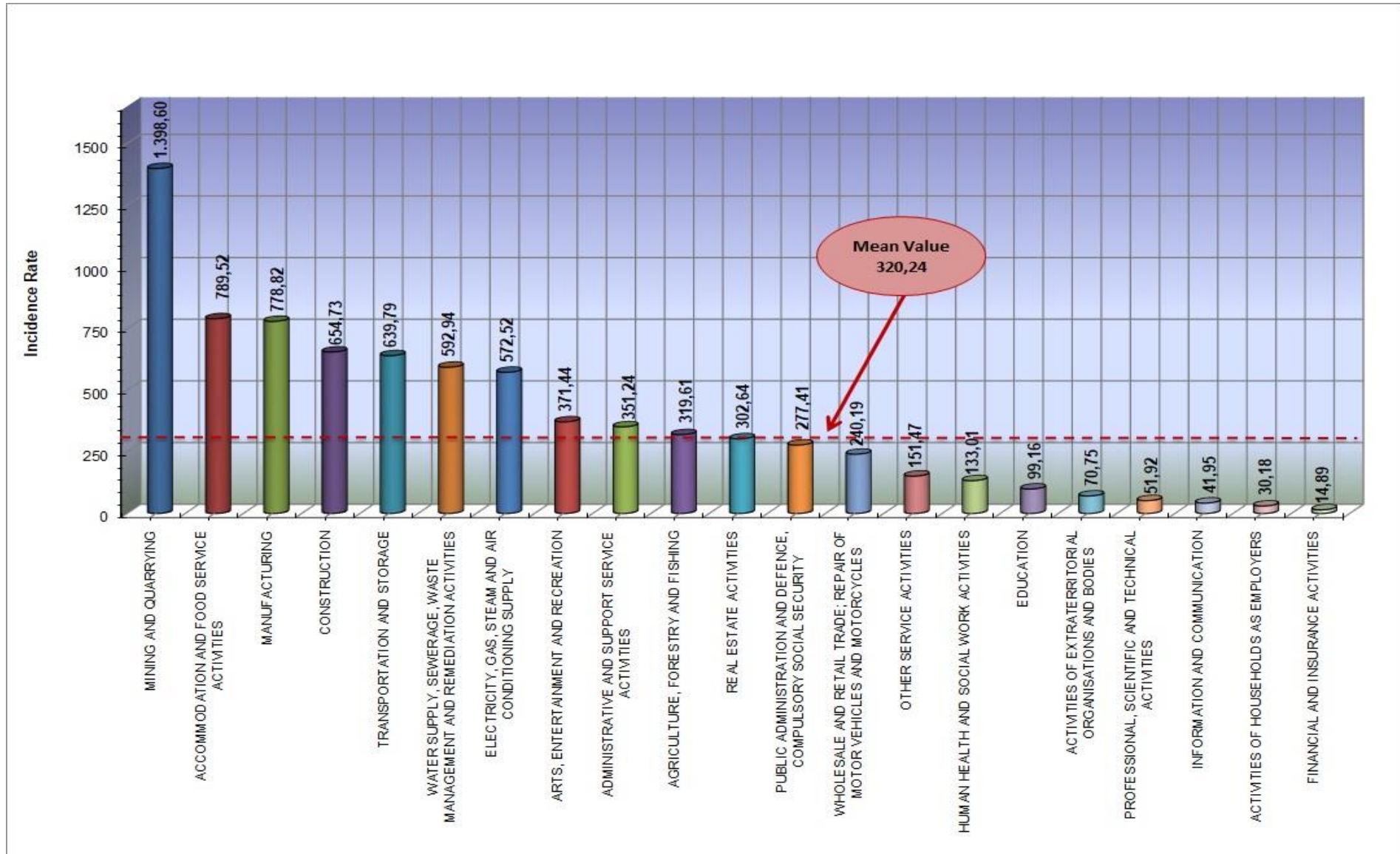
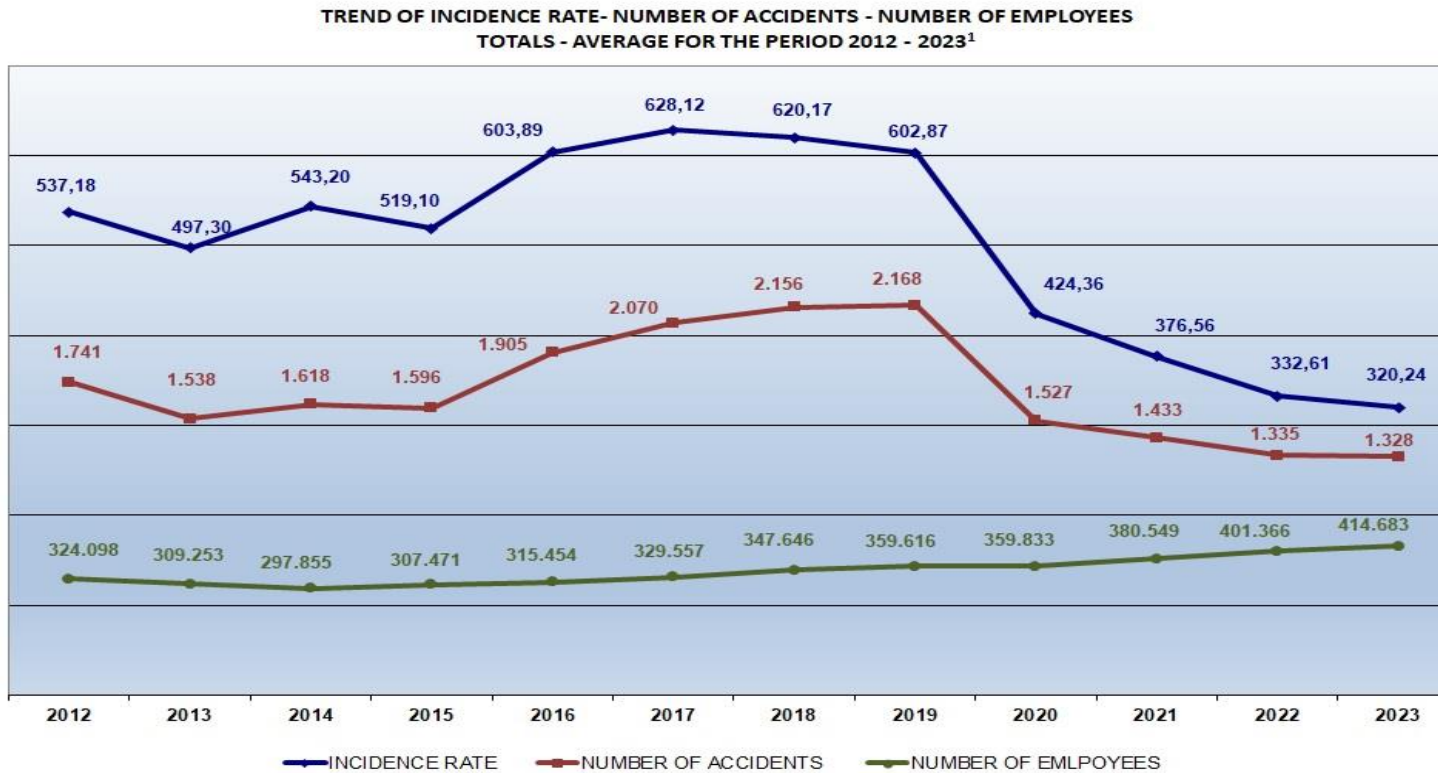


Figure 3.6: Trend of Incidence Rate – No of Accidents, No of Employees, Totals – Averages for the Period 2012 – 2023



INCIDENCE RATE ⁽¹⁾	NUMBER OF ACCIDENTS ⁽²⁾	NUMBER OF EMPLOYEES ⁽¹⁾
2012 – 2023: - 40,4%	2012 – 2023: - 23,7%	2012 – 2023: 27,9%
537,2 – 320,2 ↓	1.741– 1.328 ↓	324.098 – 414.683 ↑

Note 1: Data regarding the Incidence Rate and Number of Employees for the Year 2023 are Preliminary and not Final, as the number of Employed Persons is according the data of the Labour Force Survey of the Statistical Service for first, second and third quarter average 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.

Figure 3.7: Inspections of the Chemical Substances Section in 2023

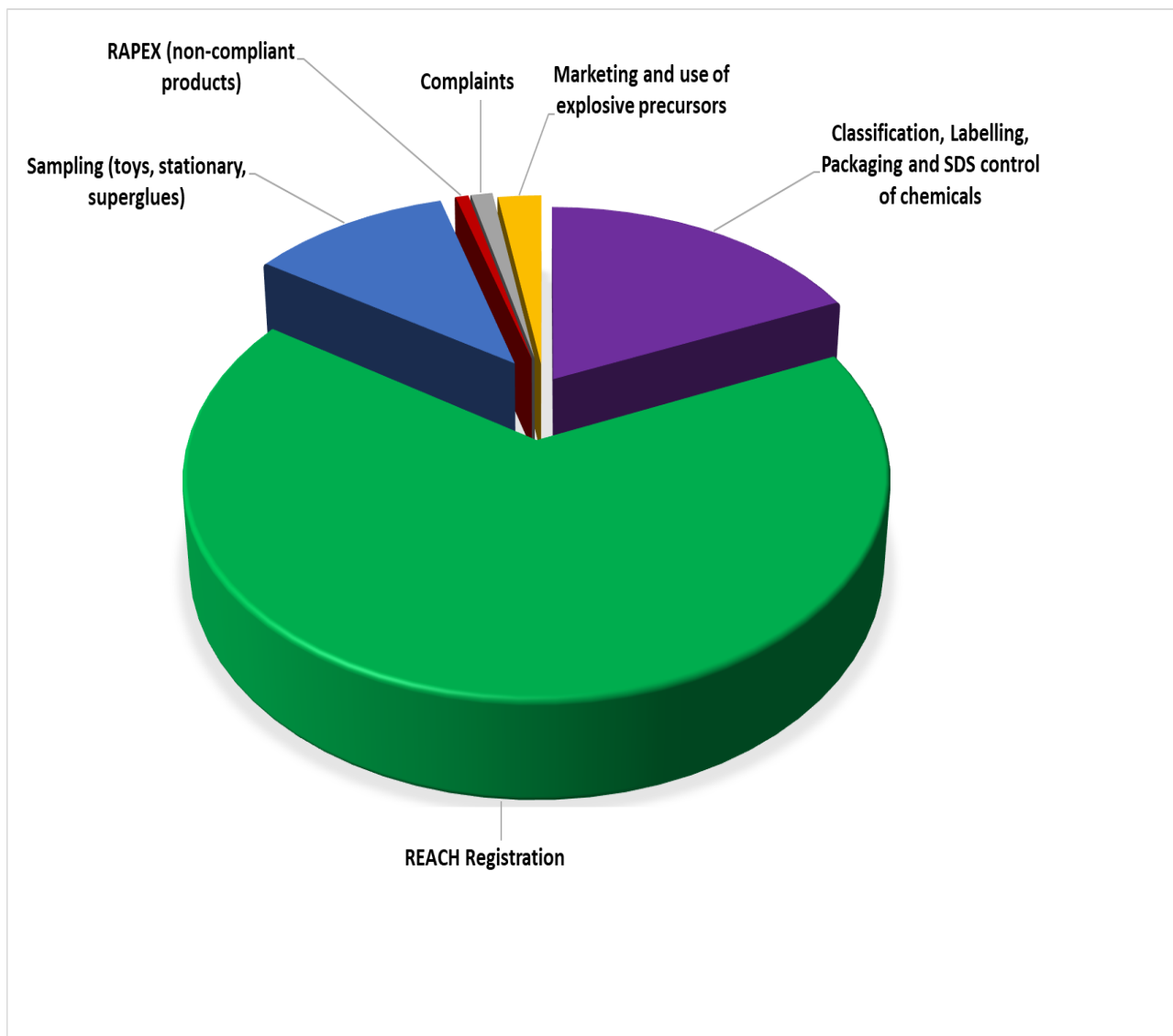


Table 3.6: Number of Inspections for Chemicals per subject in 2023

Subject	Number of Inspections *
Classification, Labelling, Packaging and SDS control of chemicals	75
REACH Registration	272
Sampling (toys, stationary, superglues)	46
RAPEX (non-compliant products)	3
Complaints	5
Marketing and use of explosive precursors (Regulation 1148/2019)	10

** Some inspections covered more than one subjects*

Table 3.7: Number of samples analysed and number of non-compliant products in 2023

Analysis of:	Samples analysed	Non – Compliant Products
Superglues or other professional glues for Benzene, Toluene and Chloroform	14	0
Toys and child care articles for phthalates content (phthalates are toxic for reproduction)	48	7
Phthalates in plastic articles	15	3
Leather articles for Chromium VI	17	1
Classification, labelling and packaging of liquid mixtures	20	0
PAHs in plastic articles	6	0

Table 3.8: Machinery Inspections in 2023

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	STEAM BOILERS	91	46,43%	29,17%	87	89,69%	27,88%	74	51,03%	23,72%	30	100,00%	9,62%	30	66,67%	9,62%	312	60,82%	
2	STEAM RECEIVERS	8	4,08%	100,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	0	0,00%	0,00%	8	1,56%	
3	AIR RECEIVERS	97	49,49%	50,26%	10	10,31%	5,18%	71	48,97%	36,79%	0	0,00%	0,00%	15	33,33%	7,77%	193	37,62%	
TOTAL No. OF MACHINERY INSPECTIONS		196	38,21%		97	18,91%		145	28,27%		30	5,85%		45	8,77%		513		

%(4)

%(4)

%(4)

%(4)

%(4)

Table Notes:

%1: Percentage contribution on the Total Number of Inspections for the same District.

%2: Percentage contribution on the Total Number of Inspections for the same Machinery Type Cyprus wide.

%3: Percentage contribution on the Total Number of Inspections Cyprus wide.

%4: Percentage contribution of District Inspections on the Total Number of Inspections Cyprus wide.

Inspections of Inspectable Machinery and LPG Installations

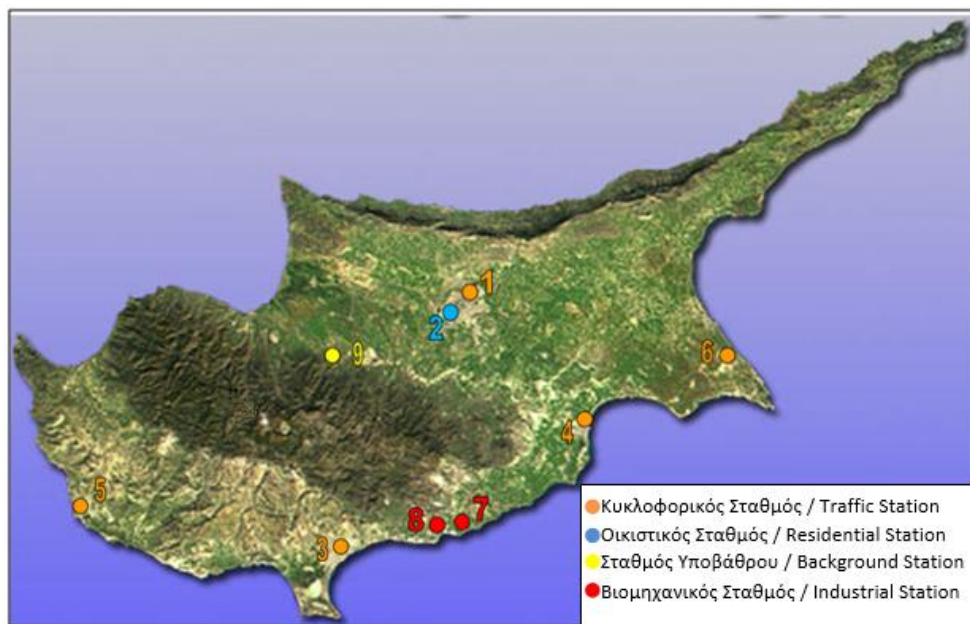
Table 3.9: Inspections of Inspectable Machinery

Machinery Type	Number of Inspections		Maximum Prescribed Period between Inspections
	2022	2023	
Cranes and other Lifting Devices	408	0	14 months
Steam Boilers	351	312	14 - 18 months
Steam Receivers	0	8	26 months
Air Receivers	155	193	26 months
Ropes	0	0	6 months
TOTAL	914	513	

Table 3.10: LPG Inspection Analysis per District in 2023

Inspection reason	DISTRICT					Total
	Nicosia	Limassol	Larnaca	Paphos	Ammochostos	
	Nr	Nr	Nr	Nr	Nr	Nr
Inspection of Notified Bodies	7	0	0	0	1	8
Inspection of the LPG Authorised Inspectors	2	3	9	8	0	22
Inspection of the LPG Installers	0	0	0	0	1	1
Examination report of LPG installation on a vehicle	4	3	1	1	0	9
Inspection for Compliance File	6	2	1	0	0	9
LPG Storage Inspection (without Licensing)	0	0	0	2	0	2
Autogas Refuelling Stations Inspection	0	0	2	0	2	4
Inspection for autogas	0	0	2	0	2	4
Inspection of LPG installation	0	2	0	0	0	2
LPG storage inspection campaign	0	1	0	0	0	1
Prohibition Notices handed out	0	2	0	0	1	3
Complaint Investigation	13	17	5	3	3	41
Inspection Total	32	30	20	14	10	106

Picture 3.1: Ambient Air Quality Monitoring Network



Picture 3.2: Photo of Atmospheric Air Quality Monitoring Station



Figure 3.8: Annual average values of NO₂, SO₂, PM₁₀, O₃, CO at the Nicosia Traffic Station

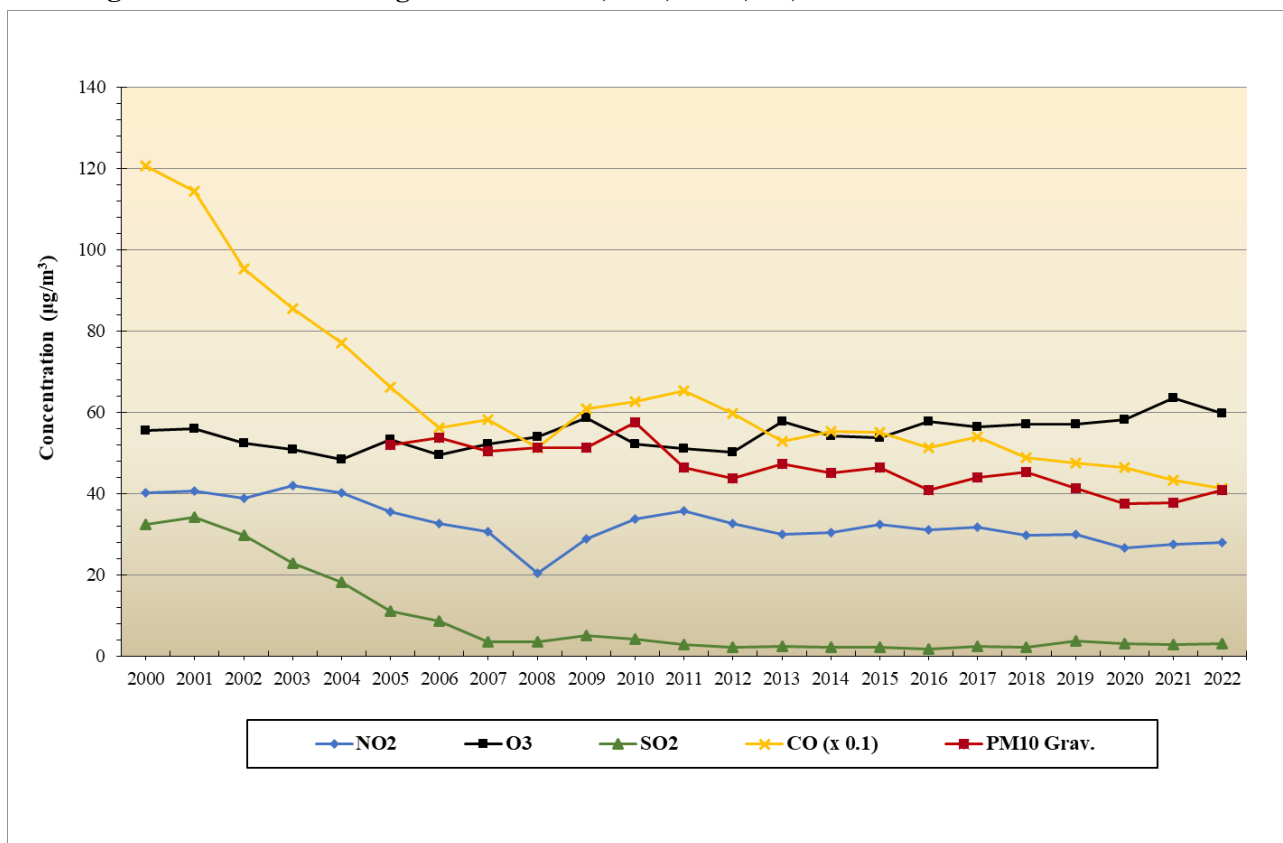


Figure 3.9: Annual average values of Ozone (O₃) at the Stations of the Air Quality Monitoring Network

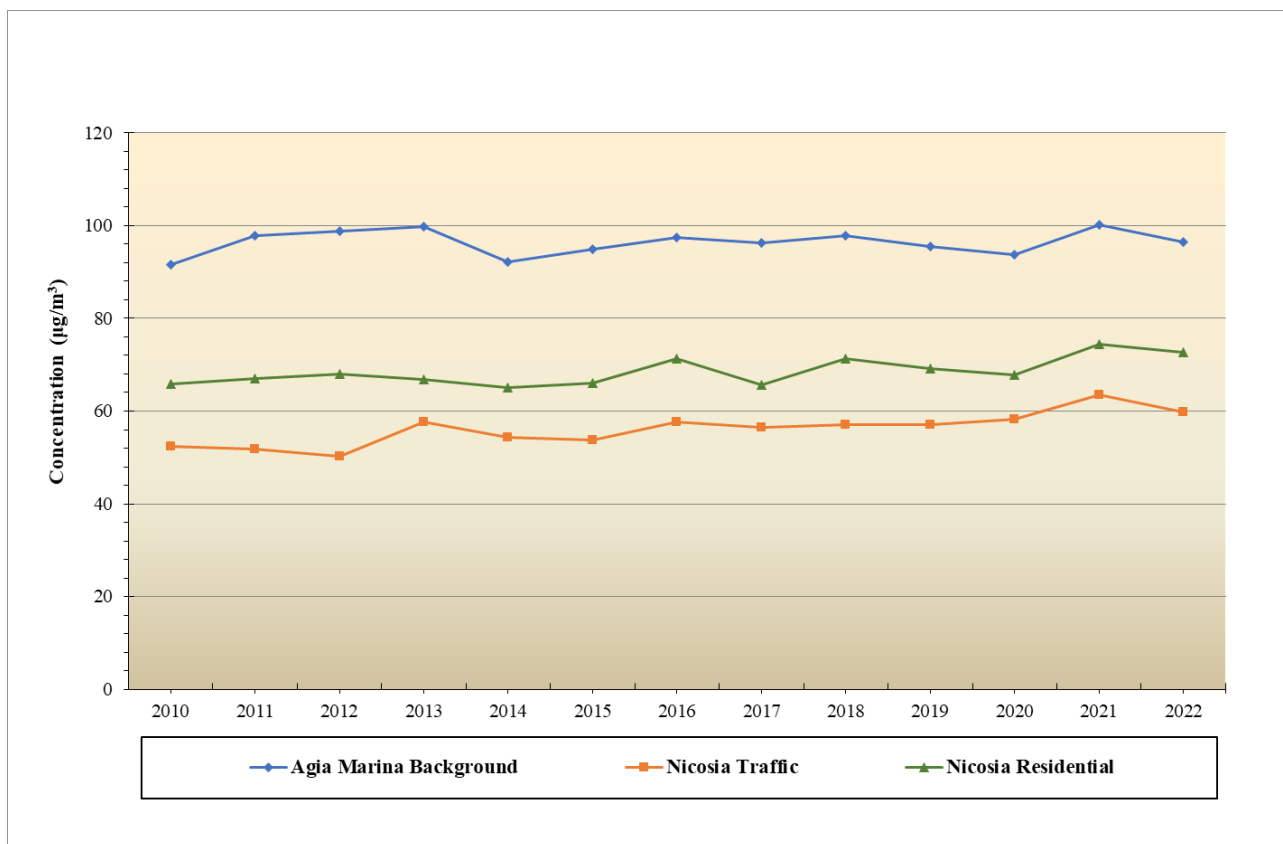


Figure 3.10: Annual average values of PM₁₀ at the Traffic Stations of the Air Quality Monitoring Network

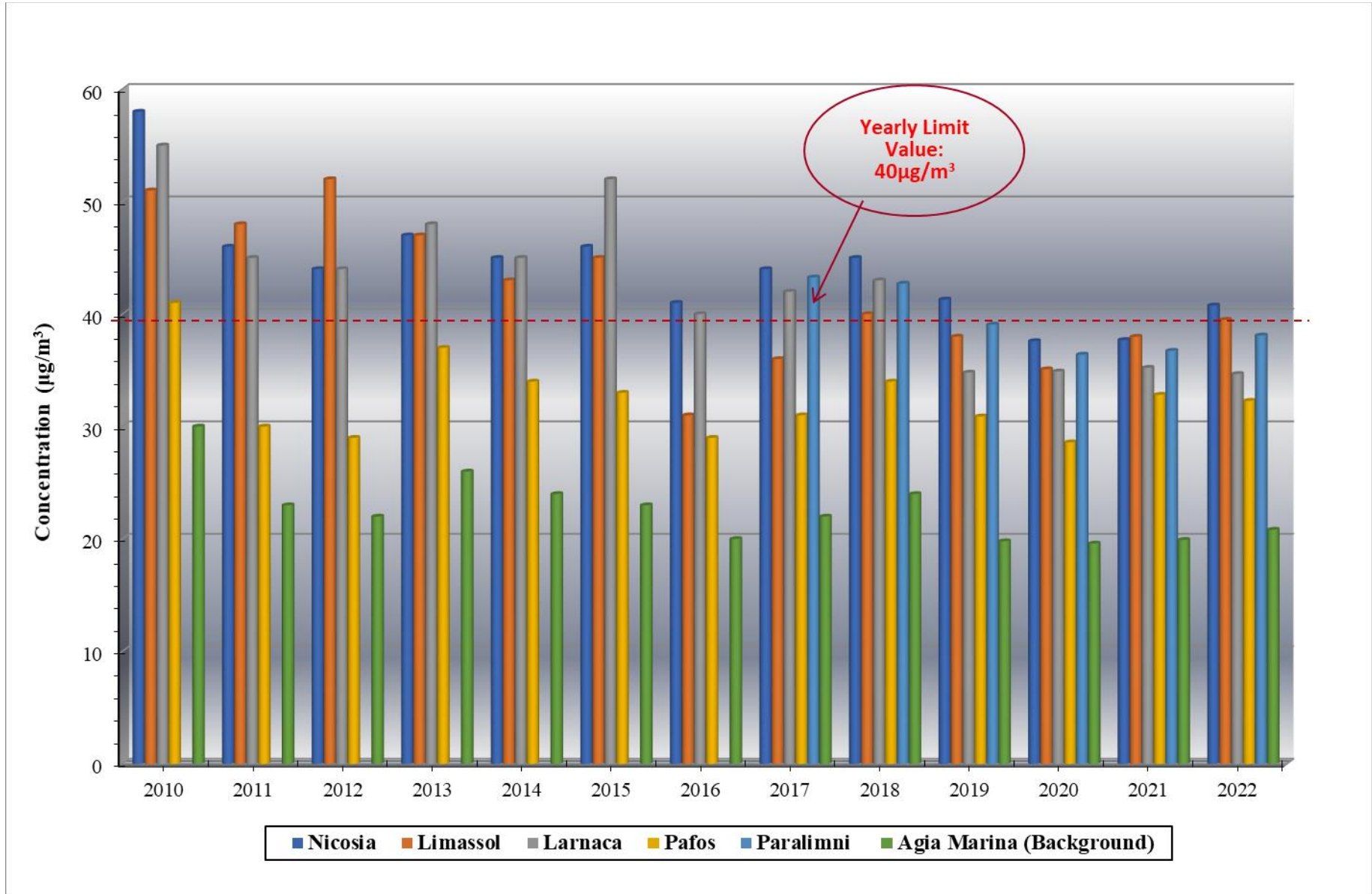


Figure 3.11: Number of exceedances of the daily limit value of PM₁₀ (50µg/m³) at the traffic stations of the Air Quality Monitoring Network

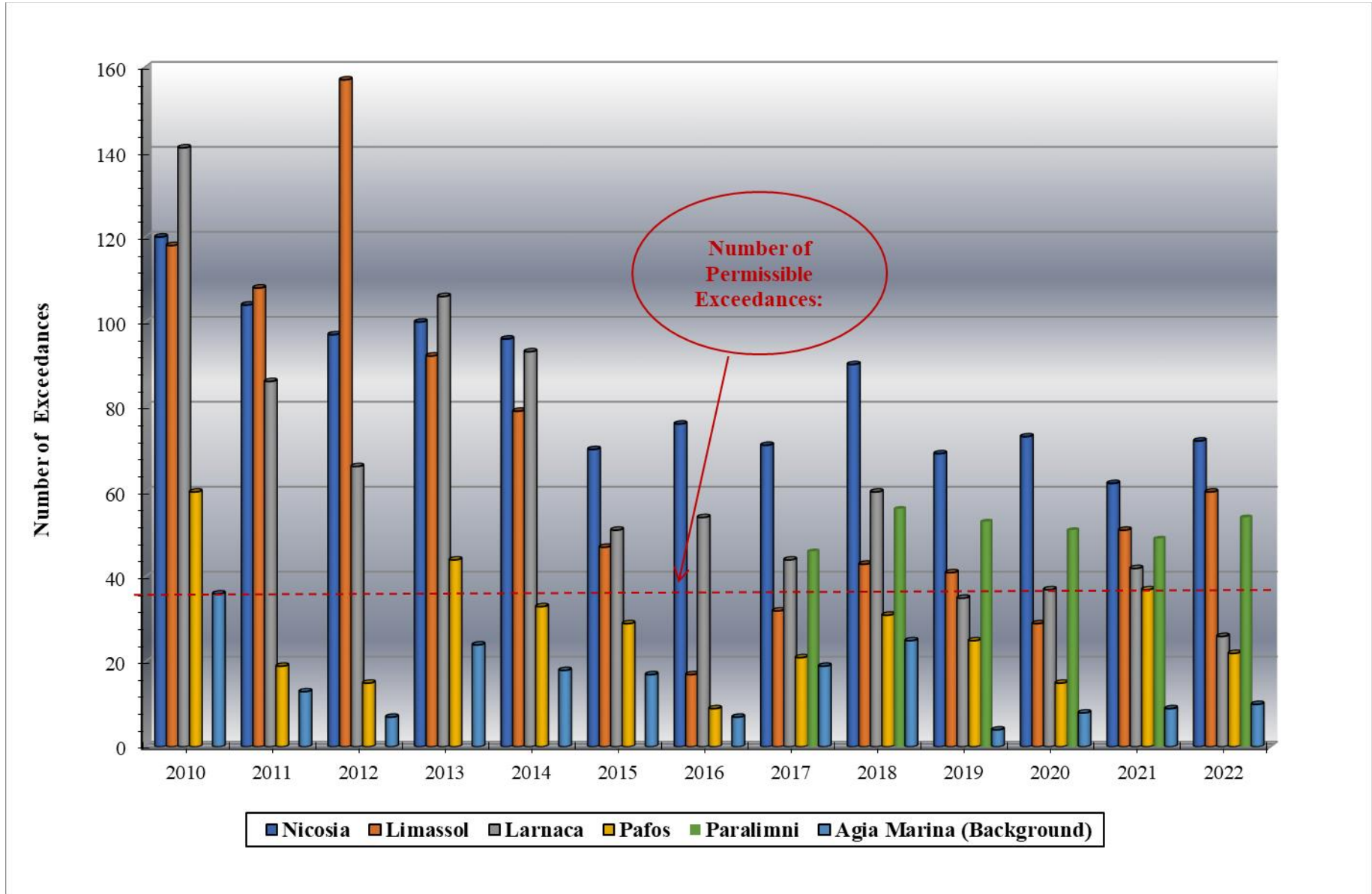


Figure 3.12: Annual average values of PM_{2.5} at the residential stations of the Air Quality Monitoring Network

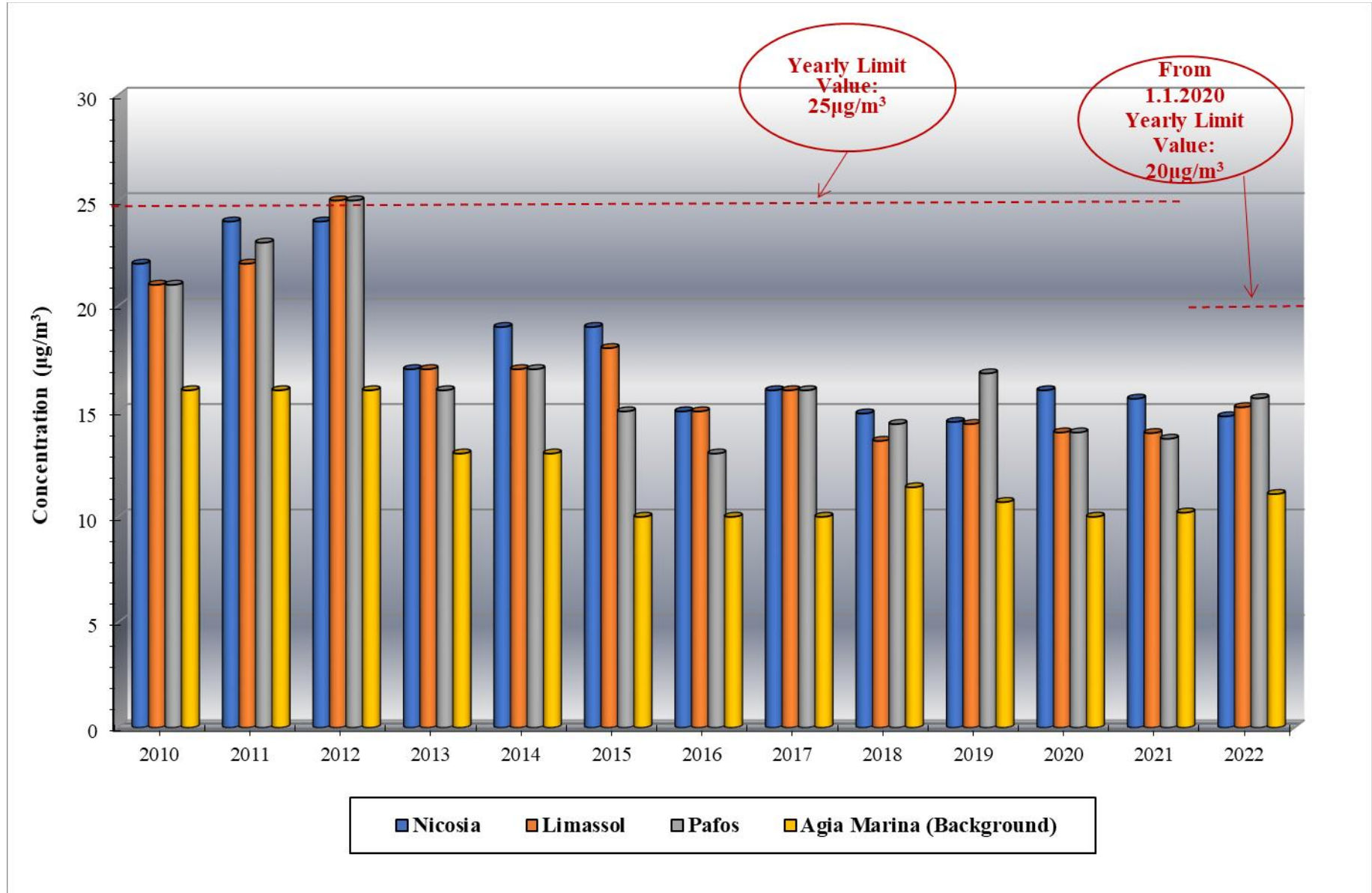


Table 3.11: National Annual Emissions per category (Year 2021)

Economic Activity	NO _x	NM VOC	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	2.94	0.07	8.41	NE	0.18	0.26	0.34	0.40	0.09	0.02	0.01	0.08
Manufacturing Industry & Construction	1.86	0.10	1.25	0.00	0.23	0.24	0.24	2.63	0.03	0.00	0.02	0.01
Aviation	0.27	0.02	0.01	NE	0.00	0.00	0.00	0.14	NE	NE	NE	NE
Road Transport	4.95	1.93	0.01	0.11	0.29	0.44	0.58	6.53	0.96	0.00	0.00	0.14
Navigation	0.03	0.01	0.00	0.01	0.00	0.00	0.00	IE	IE	IE	IE	IE
Residential (Central Heating)	0.31	0.03	0.17	0.00	0.04	0.04	0.04	0.23	0.00	0.00	0.00	0.03
Agriculture (Combustion and Mobile)	0.56	0.04	0.05	0.00	0.03	0.03	0.03	0.16	0.01	0.00	0.00	0.00
Distribution /Storage of Oil Products	NA	0.38	NE	NA	NA	NA	NA	NA	NA	NA	NA	NE
Cement Production	IE	IE	IE	NE	0.03	0.05	0.06	NE	NE	NE	NE	NE
Lime Production	IE	IE	IE	NA	0.00	0.02	0.04	NE	NE	NE	NE	NA
Asphalt	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE	IE
Quarries	NA	NA	NA	NA	0.06	0.48	1.22	NA	NA	NA	NA	NA
Production of Food & Drink	NA	0.16	NA	NA	NE	NE	NE	NA	NA	NA	NA	NA
Paint Application	NA	1.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dry Cleaning	NA	0.03	NA	NA	NE	NE	NE	NA	NA	NA	NA	NA
Solvents	0.00	2.18	0.00	0.00	0.03	0.05	0.16	0.05	0.00	0.00	0.00	0.00
Manure Management	0.89	2.07	0.00	7.09	0.04	0.19	0.68	0.00	0.00	0.00	0.00	0.00
Fertilizers	0.29	NA	NA	0.62	NA	NA	NA	NA	NA	NA	NA	NA
Reeds Burning	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.11	0.00	0.00	0.00	0.00
Waste Management	0.00	0.32	0.00	0.08	0.03	0.03	0.03	0.04	0.00	0.00	0.00	0.24
Total Emissions	12.10	8.85	9.91	7.91	0.96	1.83	3.41	10.29	1.09	0.03	0.03	0.51

Note: Gg=kt (thousands of tones) and Mg=t (tones)
 NA: Not Applicable, NE: Not Estimated, NO: Not Occurring, IE: Included Elsewhere

Figure 3.13: Percentage of Total Emissions of Nitrogen Oxide by activity in 2021

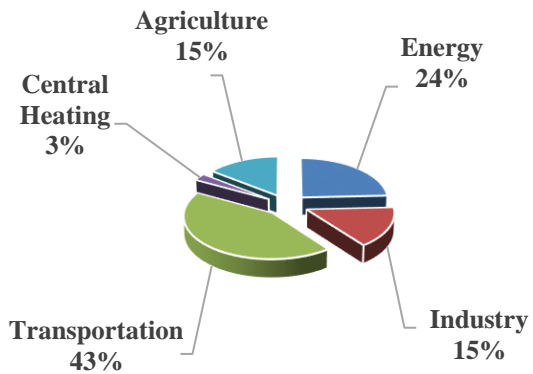


Figure 3.14: Percentage of Total Emissions of Carbon Monoxide by activity in 2021

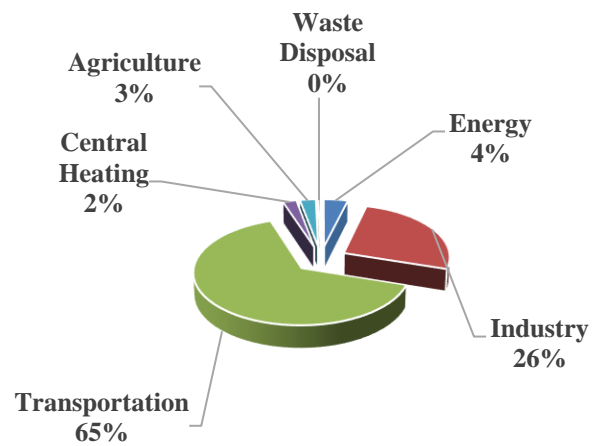


Figure 3.15: Percentage of Total Emissions of Volatile Organic Compounds by activity in 2021

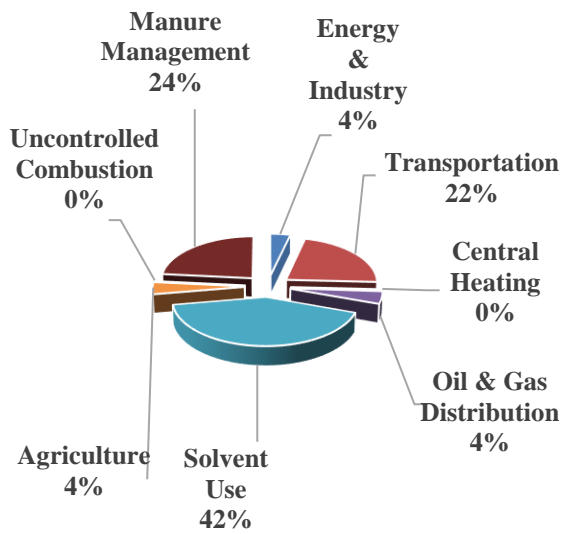


Figure 3.16: Percentage of Total Emissions of Sulphur Dioxide by activity in 2021

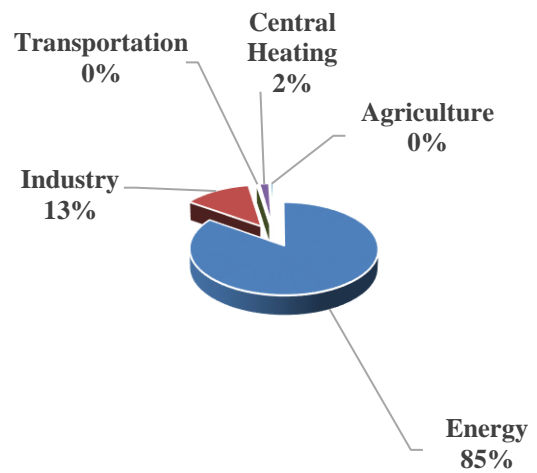


Figure 3.17: Percentage of Total Emissions of Ammonia by activity in 2021

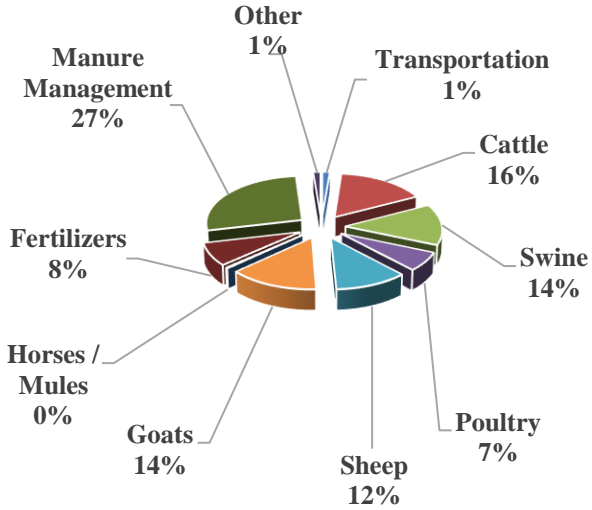


Figure 3.18: Percentage of Total Emissions of Particulate Dust (TSP) by activity in 2021

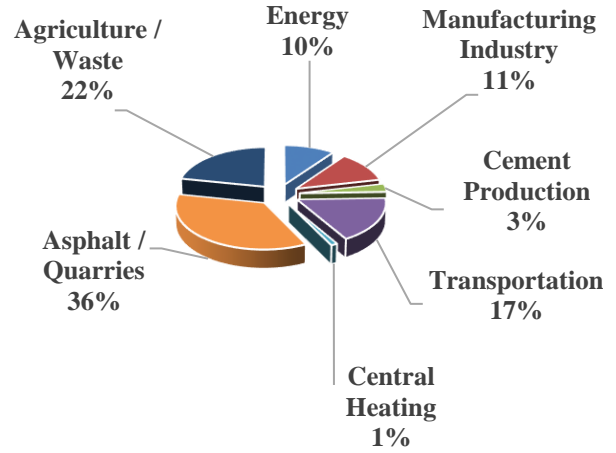


Figure 3.19: Percentage of Total Emissions of Particulate Matter (PM_{2.5}) by activity in 2021

