

MINISTRY OF HEALTH OF UKRAINE
O.O. BOGOMOLETS NATIONAL MEDICAL UNIVERSITY

"Approved"
at the methodical conference
at the department of labor hygiene and
occupational diseases

Head of the department
corresponding member of NAMS of
Ukraine
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" ____ " _____ 201_p.

GUIDELINES
FOR THE INDEPENDENT STUDENTS WORK
WHILE PREPARING FOR THE PRACTICAL LESSON

Academic discipline	Labor hygiene
Module №1	Labor hygiene
Content module № 2	Special issues of safety in the healthcare industry
Subject of the study	Accidents and emergencies in health care settings, their investigation and accounting
Course	V-VI
Faculty	Medical Faculties № 1-4, Faculty for Training of Doctors for the Armed Forces of Ukraine, Dental Faculty, Medical – psychological Faculty

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1. Background:

The professional experience of different types of medical workers impacts complex harmful and dangerous factors of different origin: physical, chemical, biological, physiological. At the same time among all the intellectual professions the health care workers' profession is one of the most dangerous. Incidence among health care workers takes priority comparing with workers of other industries. When the employee does his/her work or during his/her way from work by walking or by using transport accidents happen, and they must be investigated and prevented.

Creating a safe working environment according hygiene requirements prevents injuries, accidents, occupational and vocational caused diseases and emergencies. These activities require a high level of training of health care workers concerning occupational safety, knowledge of regulations that limit harmful and dangerous occupational hazards, the ability to investigate accidents, occupational diseases (poisoning) health care workers, to account and report the documentation concerning this.

The importance in solving these problems has the profile of students' health care knowledge concerning occupational safety, particularly concerning this topic – “Accidents and emergencies in health care settings, their investigation and accounting”

2 Specific objectives:

1. to acquire knowledge concerning accidents and emergencies that occur in health care settings.
2. to master the methods of investigation and recording accidents, emergencies and occupational diseases (poisoning) in health care settings.
3. to master the technique of analyzing the causes of accidents, acute and chronic occupational diseases (poisoning) and emergencies in health care settings .
4. to learn how to establish the relationship between professional diseases and occupational conditions.

3. Basic knowledge, skills that are necessary for studying this topic (inter-disciplinary integration)

Subject	Received skills
Human Anatomy	To analyze information about the structure and systems of the human body. To anticipate the unity and interdependence of structures and functions of organs and their changes under the influence of harmful factors.
Normal Physiology	To analyze the functional state of the organism and the health's state on the basis of the physiological criteria.

Biological Chemistry	To interpret the significance of the biochemical processes of the metabolism and its regulation in ensuring the functioning of organs and physiological systems of the human body.
Biological Physics	To interpret common physical patterns that form the basis of life and employment.
Hygiene and Ecology	To analyze the environmental condition and its impact on the human health
Social medicine, public health organization	To interpret the value of legal framework in order to protect the health care workers of various sectors.

4. Tasks for the self-study during the preparation for the class

4.1 List of basic terms, parameters, characteristics, which the student must learn while preparing for the class:

The term	Definition
Accident associated with works	Time-limited event or sudden exposure of hazardous industrial or environmental factors that have occurred while performing his/her job duties as a result of injury; it was recorded, particularly after obtaining injury, trauma, including as a result of injury, acute occupational disease and acute occupational poisoning or other states that led to the loss of employee performance for one day or more, or the need to transfer him/her to another (easier) work at least for one day, the disappearance and death of the employee during his work.
Accident, that is not associated with works	Accident's conditions that are not defined as being associated with works: stay at the place of residence in the field and shift settlements; personal use of employer's vehicles, equipment, tools, materials, etc., which is the property of the enterprise; alcohol poisoning, drugs poisoning or poisoning by toxic or noxious substances, if it is not

Acute occupational disease	<p>associated with the use of these substances in the manufacturing process, or the employee was the victim of alcohol or drug poisoning before the accident, a crime, a natural death, suicide.</p> <p>The disease, which appeared after a single (within no more than during one work shift) exposure of harmful factors of physical, biological and chemical nature.</p>
Chronic occupational disease	<p>The disease that appeared after the professional activity of the employee and is exclusively or predominantly due to the influence of harmful factors of the working environment and working processes associated with the work.</p>
A sharp professional poisoning	<p>The disease, that appeared after a single exposure of harmful substance (substances).</p>
Occupational diseases	<p>The main critical cause of such diseases is unfavorable working environment and working process.</p>
Morbidity due to the occupation and works	<p>Incidence (standardized by age) of common diseases of various etiologies (mainly poly-etiological), which tends to increase with the increase of work experience in adverse working conditions and is higher than in professional groups, that do not contact harmful factors.</p>
Accident	<p>Incident's emergencies that create threat to human life and health on the object or territory and lead to the destruction of houses, buildings, equipment and vehicles, breakdown of production or transportation process or deteriorate the environment.</p>
Medical and anti-epidemic (preventive) measures	<p>The complex of organizational, administrative, technical, medical, legal, environmental, veterinary and other measures aimed at eliminating or reducing harmful effects on human environmental factors, and prevention of</p>

	the spread of infectious diseases and non-communicable mass diseases and mass non-infectious diseases (poisoning) and their elimination.
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4.2 Theoretical class questions

1. The main resolution of the Cabinet of Ministers of Ukraine № 1232, 30.11.2011 "Some aspects of investigation and recording of accidents, occupational diseases and emergencies at work" and "On approval of the investigation and recording of the production character accidents " of 22.03 № 270.

2. The determination of accidents related and unrelated with work duties (with occupation).

3. The determination of acute and chronic occupational diseases (poisoning) and the underlying causes of their occurrence.

4. The definition of accident and the definition of accident's categories.

5. Procedures for investigating accidents that have occurred in the performance of labor (official) duties of the employee.

6. Procedures for investigating accidents that are not related with the performance of duties.

7. Composition and tasks of the commission, which investigates accidents that are related and unrelated with job duties.

8. Types and the content of documents that are composed by the commission that investigates accidents related and unrelated with job duties.

9. The concept of a special investigation of accidents.

10. Governments relevant to the investigation of accidents.

11. The determination of connection between diseases, working conditions and the diagnosis - occupational disease.

12. The investigation of accidents in the company (institution).

4.3 Practical work (tasks) to be performed in the class:

To solve case problems:

Problem 1.

The victim E.V. Petrova was delivered to hospital, to surgeon. She works in the dental office as a nurse and told about the accident that occurred while cleaning the cabinet (falling to the floor). During the examination of the victim fracture of the radius of left upper extremity was revealed.

Tasks:

1. To make an emergency message about the accident of the victim O.V. Petrova and indicate the institution where it must be sent.

2. To name the document accordingly to which the investigation of the accident concerning the performance of duties is conducted.

3. To specify those who organize a commission of inquiry, the cast of the commission and to list documents that are prepared by the results of the investigation.

Problem 2.

In hospital fire occurred through the circuit wiring. One employee who felt asleep after unloading fruits was lethally injured and two nurses who rushed to put out the fire were injured by burns. During the fire the locker with drugs was destroyed and that led to the release of chemicals into air and their concentration exceeded the norm in three times.

Tasks:

1. To determine the category of the accident.
2. Who has to report about the accident and to which authorities it must be reported?
3. According to what document the investigation of an accident at work or institution is conducted?

Problem 3.

The clinic worker for some reason took a big (as she then informed) dose of medication and as a result acute poisoning appeared. After giving her first aid the investigation of the accident was conducted.

Tasks:

1. It is necessary to qualify an accident.
2. According to what document the investigation of an accident that is not associated with works is conducted?
3. To which authorities must be sent a message about the accident that is not associated with works or performance of job duties? What acts are worked out by the results of the investigation?

5. The content of this topic

The investigation and registration of accidents and emergencies in health care settings (in hospitals) is conducted under the resolution of the Cabinet of Ministers of Ukraine № 1232, 30.11.2011 "Some aspects of investigation and recording of accidents, occupational diseases and emergencies at work".

The investigation and registration of accidents that have occurred with pupils, students, clinical residents, graduates, doctoral students during the educational process or during the practice is conducted by agreement with the Ministry of Education of Ukraine, relevant trade union body and Executive Directorate of Social Insurance Fund concerning accidents at work and occupational diseases.

Carrying out the investigation and recording accidents that have occurred with the workers during their journeys to or from work on foot or by transport (public or their own) in accordance with the Resolution of the Cabinet of Ministers of Ukraine № 270, 22.03.2001 "On approval of the investigation and recording of the non production character accidents".

The investigation of accidents is carried out in case of sudden deterioration of the workers health, in case of obtaining injury, trauma, acute occupational diseases (poisoning), heat stroke, burns, electric shock, ionizing radiation, in case of receiving injuries from the accident, a fire that led to the loss of employee's performance at least at one day or to the need to transfer to another (easier) work as well as in case of death in this establishment.

Acute occupational diseases and acute occupational poisoning include diseases and poisoning caused by exposure of hazardous and harmful substances no more than during the same work shift.

Acute occupational diseases are caused by exposure of chemicals, ionizing and non-ionizing radiation, significant physical exertion and strain of individual organs and systems of the human body. Infectious, parasitic and allergic diseases also relate to them.

About every accident the victim, worker who discovered it or the witness of the accident must immediately report to the management and take measures to provide the necessary assistance to the victim.

If the victim went for help to the health care setting with a reference to an accident without a referral, the institution must transmit overnight specials in form (Appendix 1) to the place of the victim work, to the work of the executive management of social insurance concerning industrial accidents and occupational diseases, the Institution of the State Sanitary and Epidemiological Service in case of acute occupational diseases (poisoning).

The management after receiving messages, orders to form a Commission in order to investigate the accident; the Commission must be of not less than three persons and has to organize the investigation.

The Commission includes director (specialist) of the service work or his official representative who carries out functions of expert concerning health care (chairman), head of the unit where the accident occurred, a representative of the Fund, a trade union representative or agent of trade unions safety, if the victim is not a member of the union.

In case of acute occupational diseases (poisoning) a representative of the institution of the State Sanitary and Epidemiological Service and ther executive management of the Fund must be included to the Commission.

The Commission has, within three days to inspect the place of accident, get the explanation of the victim, interview witnesses, to determine compliance with working conditions and safety requirements of labor protection legislation, to determine the circumstances and causes of the accident, to establish the persons who have committed violations of the law concerning health and safety, to develop measures to prevent similar accidents.

According to the investigation the commission makes an act in the form of H- 5 in triplicate (Annex 2, and the act of an accident associated with works H-1 in six copies (Annex 3). If the Commission establishes that accident is not associated with works the act is made in the form H -5. Acts are approved by the management.

The conditions of the accident that is defined as being associated with works and the H-1 act is created are:

1. The execution by victims labor (official) duties under the rules of the company, including business trips;
2. Stay in the workplace, on the premises or elsewhere where victim does his/her labor (official) duties or tasks in the period of time when the employee arrives at the company to his/her departure, that is fixed according to the work rules of the enterprise, including during the work and overtime;

3. Start-up and bringing into order the means of production, remedies, clothing at the end of the working day and activities concerning personal hygiene, movement on the premises before starting work and after its completion;
4. The performance of tasks concerning the order of the employer after working hours, during holidays, weekends, holidays and days off;
5. A trip to or from work using a vehicle owned by the company or other vehicle provided by the employer under a contract;
6. The use of own vehicle in company's interests in case of the Company's permission or the written instructions of the employer or the supervisor of works;
7. Acting in the interests of the enterprise on which the victim works, actions that do not belong to his labor (official) duties, including the prevention of accidents or rescue people and the business property;
8. The elimination of results of accidents, emergencies natural or man-triggered character at the production objects and vehicles used by the company;
9. The provision of the charity assistance to other businesses, institutions, organizations in case of corresponding decision of the employer;
10. The stay of the victim in a vehicle or on the parking lot, in the shift of the village, including during alternating rest if the accident is connected with the implementation of victim's labor (official) duties or the impact of dangerous or harmful production factors or the environment;
11. The movement of the victim to the service object (between objects) on the approved route or any other object in case of the employer's delegation;
12. The movement of the victim to the place of business according to the specified task, including a vehicle of any other type and form of ownership;
13. The declaration about the victim as a dead because of his/her disappearance, associated with an accident during his employment (official) duties;
14. Causing bodily injuries by another person or murder to the victim during his employment (official) duties or acts in the interests of the enterprise, regardless of the criminal case, except ascertain the victim and another person personal relationships production character, as a confirmed opinion of the competent authorities;
15. Getting injured as a result of the deterioration of his/her health, which occurred under the influence of dangerous factors of production's environment in the course of his employment (official) duties, as it is confirmed by a medical report;
16. Sudden deterioration of the victim's health or his/her death during labor (official) duties as a result of exposure of hazardous or harmful factors and /or factors of severity or intensity of the work process, as confirmed by a medical report, or if the victim did not pass the obligatory medical examination in accordance with the law, and the work that was done was contraindicated according to the medical report;
17. Being injured on the premises of the company or elsewhere during work breaks for rest and meals, which are set according to the internal labor regulations of the enterprise, technology breaks or in case of carrying out by the employer professional qualification competitions, sports events and training or measures stipulated by the collective agreement if the accident is due to exposure of hazardous or harmful factors, confirmed by medical opinion.

The conditions of the accident that is defined as not being associated with works are:

1. Stay at the place of permanent residence in the field and shift settlements;
2. Personal use employer's vehicles without his agreement, equipment, tools, materials, etc., that are owned or used by the company (except those accidents that occurred as a result of the failure of these equipments and it is as evidenced by relevant investigations);
3. Poor health due to alcohol poisoning, drugs, toxic or poisonous substances and their actions (asphyxia, stroke, cardiac arrest, etc.), confirmed by the medical conclusion as not being associated with the use of such substances in the manufacturing process or violation of the requirements for storage and transportation.
4. Alcohol, drugs or toxic poisoning, which is not due to the production process and is the main cause of accidents in the absence of technical and organizational reasons for its occurrence, as confirmed by a medical report;
5. Crime approved by the investigation of appropriate authorities;
6. Natural death, death by suicide or general illness (except as indicated in paragraph 13), which was confirmed by conclusions of forensic and/or police.

In case of acute occupational diseases (poisoning) associated with professional activities, except the act form H-1 is made in quadruplicate card that account occupational diseases (poisoning) in the form P-5 (Appendix 4).

Subjects for special investigations are accidents (with two or more employees), deaths of workers at the place of work, incidents concerning disappearance of employees in the company, accidents with severe consequences, including a possible disability.

The account of accidents in a medical institution on the basis of documents issued in the investigation of accidents: H -5, H-1, L -5 is carried out in a special logbook of persons affected by accidents (Annex 5).

All cases of chronic occupational diseases, regardless of limitation's period must be investigated.

Cases of occupational infectious diseases and chronic occupational poisoning are investigated as a chronic occupational disease.

Attributing the illness to a professional disease is done in accordance with the procedures for establishing the connection with disease conditions, as well as the list of occupational diseases approved by the Cabinet of Ministers of Ukraine dated November 8, 2000 № 1662.

The list of organizations and institutions that have the power to set a definitive diagnosis of occupational diseases is reviewed every five years and is approved by the Ministry of Health.

In case of suspicion the occupational disease healthcare organization sends an employee to consult a special doctor.

To establish a definitive diagnosis and disease due to the influence of harmful factors of working environment this physician directs the patient to specialized health care establishment with relevant documents.

Specialized health care establishments conduct examinations of patients and establish the diagnosis of the occupational disease and deliver messages within 3 days to the head of

the establishment of the State Sanitary and Epidemiological Service, which sends the patient to specialized medical care setting.

Accidents with fatalities, group accidents (with two or more employees), deaths of workers in the company (institution), cases of disappearance of workers in the company, accidents with severe consequences, including a possible disability are subjects for special investigations.

Accounting of accidents in health care establishments on the basis of documents issued during the investigation of accidents: H -5, H-1, L-5 in done a special logbook of persons that were affected by accidents (Annex).

The investigation is conducted by the Commission, which is formed by the chief state sanitary doctor of the territorial organization.

Accidents of the first and the second category are investigated. Accidents of the first category are those when 5 persons are killed and 10 or more persons are injured because of the release of toxic, radioactive and hazardous materials within the buffer working zone or incase of the increased concentration of pollutants in the environment is more than 10 times, buildings, structures or the basic structure of the object are destroyed, that creates a threat to life and health of the employees or public.

Accidents of the second category are those when 5 persons are killed or from 4 to 10 persons are injured, buildings, the basic design of the object are destroyed, that creates threat to life and health of 100 workers or more.

The witness of the accident must immediately report about the accident to the management of company, which should act in accordance with an emergency plan and take urgent measures to rescue victims, prevent further development of the accident.

The investigation of the accident is carried out according similar investigations of accidents. If there is not an adopted a special decision of the Cabinet of Ministers of Ukraine concerning the accident, the investigation is carried out by special commissions: in case of accidents of the first category - the order of central authority or order of the local administration in consultation with the relevant authorities of the State Labour Inspection and Emergency and in case of accidents of the second category - by the manager, in whose jurisdiction is the enterprise, or the order of the local administration in consultation with the appropriate bodies of state supervision of safety.

The chairman of the commission is appointed by the representative authority in whose jurisdiction belongs to the company. The Commission must, within 10 days investigate the circumstances and causes of accidents and create the Act on Form N -5.

According to results of the investigation the chief of the company has to issue an order on the basis of the Commission's conclusions and take measures to prevent similar accidents.

Apendix 1

(name of the healthcare-

establishment,

initials and surname of the head of establishment)

**EMERGENCY NOTIFICATION
of the victims application concerning the accident associated with works**

1. Full name of the victim _____
2. Age _____
3. Location _____
4. Name and location of the company where the victim works _____
5. Preliminary diagnosis _____
6. Date of: injury (illness, poisoning) _____ 20__ p.
diagnosis _____ 20__ p.
7. Place of hospitalization _____
(name of the healthcare establishment)
8. Dangerous, harmful factors that caused the injury (illness, poisoning) _____
9. Date and time of the initial information transmission _____ 20__ p. _____ hr. ___ min

(title of the person who
sent the message) (signature) (initials and surname)

(title of the person who
sent the message) (signature) (initials and surname)

Appendix 2
Form H-5
APPROVED

(position of the employer or governing body,

that form a commission

(special investigation)

accident

(signature) (initials and surname)

_____ 20__ p.

Ceal

**Act of carrying out the investigation (special investigation)
of the accident**

_____ 20__ at _____ hr. _____ min.

(company name

name of the authority to whose jurisdiction belongs the company)

(date of constituting the act)

(place of constituting the act)

The Commission was established by Order _____ 20__ p. № _____

(name of the authority that created a Commission for the investigation

(special investigation) of accident

head of the Commission _____

(full name _____ (title, place of employment)

committee members _____

(full name _____ (title, place of employment)

other members _____

(full name _____ (title, place of employment)

held on _____ 20__ . to _____ 20__

investigation (special investigation) of the accident (emergency) that occurred _____

(place of accident (emergency),

number of victims, including fatally)

The work of the Commission is continued, the Order _____ 20__ № _____

Due to _____

(indicate reasons for extending the investigation)

1. Information about victim (victims)

full name, date of birth

home adress, total work experience

Including the company information

date of the instruction passage, health testing

work, preliminary and periodic medical examination, vocational selection

consequences of an accident

healthcare establishment

2. Characteristics of the establishment,
where the accident (emergency) occurred

brief description of the establishment

where the accident occurred

information about the operating hours of the establishment

where the accident occurred

information about similar accidents at this establishment

description of work concerning health and safety

and its deficiencies (indicated only in case of group

accidents and accidents with fatalities)

3. Circumstances under which the accident occurred

description of the events, activities carried out before the accident

their process, early changes

indicating supervisor, his/her instructions

actions of the victim and other persons involved in the accident

4. The causes of the accident

main technical, organizational and physiological causes of the accident, including

excess of the maximum permissible levels of hazardous and harmful

production factors

5. Measures of elimination of the accident

6. The conclusion of the Commission

(accident is found (not recognized) as being associated

with works, production, indicating the relevant

investigation and registration of accidents,

occupational diseases and accidents at work

7. The list of added items

head of the Commission _____
(signature) (initials and surname)

Committee members _____
(signature) (initials and surname)

(signature) (initials and surname)

Appendix 3

Form H-1

APPROVED

(position of the employer or governing body

that form a commission

concerning the investigation of accidents)

(signature)

(initials and surname)

Ceal

ACT № _____

Concerning the accident, associated with works, production

(full name of the victim

victim's place of residence)

1. Date and time of the accident

(day, month, year

hours, minutes)

2. Name of the company, whose employee is injured

Location of the company, whose employee is injured

Autonomous Republic of Crimea, region, city

Area

Location

Authority, to whose jurisdiction the company belongs

Registration information about the company

Name and location of company where the accident occurred

(day, month, year)

checking of

5. Medical examinations

previous

(day, month, year)

periodic _____
(day, month, year)

6. Circumstances under which the accident occurred _____

Type of accident _____
(according to the classification set out in this Appendix)

Hazardous or dangerous factors and their importance _____

7. The causes of the accident:

main _____

relative _____

8. Equipment and machinery, vehicles, tools and accessories, exploitation of which led to the accident

_____ name, type, brand

_____ year, manufacturer

_____ date of the last test (if conducted)

9. Diagnosis according to the medical certificate

Station, place where the accident occurred _____

Details of the victim:

sex _____

day, month and year of birth _____

Occupation (Title) _____

category (class) _____

Total work experience _____

ID _____

10. Training concerning the profession safely:

(day, month, year)

Training

introductory _____

(day, month, year)

primary _____

(day, month, year)

secondary _____

(day, month, year)

11 Witnesses of the accident

Full name

Permanent residence

12. Measurers concerning the accident elimination

Number	Measure	Terms	Performer	Evaluation of the performance
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Head of the Commission
concerning the accident's investigation

(title) (signature) (initials and surname)

Committee members _____

(title) (signature) (initials and surname)

(title) (signature) (initials and surname)

_____ 20__

Appendix 4

Form P-5

Account card concerning occupational disease

(Poisoning)-----

Date of completion

Registration number

Number

Code

Autonomous Republic of Crimea, region _____

Area, city, village _____

Number of victims

(including this victim) _____

Full name of the victim _____

Sex _____

male - 1

female - 2

Age _____

Title _____

Experience period _____

Experience period in terms of harmful factors that caused occupational disease (poisoning)

_____ Harmful factors that caused occupational disease (poisoning) in accordance with the safety classification of works

Diagnosis:

15 main _____

16 -accompanying _____

Parameters factors _____

_____ Including:

main _____

accompanying _____

Circumstances of occupational disease (poisoning) _____

Type of occupational:

disease – 1

poisoning - 2

Type of occupational disease:

acute – 1

chronic - 2

Diagnosis:

-----main _____

-----accompanying- (that is not associated with work) _____

Stages of the disease (1, 2, 3):

main _____

accompanying _____

Occupational disease is found during the
-- medical examination - 1,

during treatment at the healthcare establishment – 2

The severity of the disease:

without disability – 1 disability – 2
death- 3

The measures taken by the state institution of Sanitary and Epidemiological Service

(Signature of Medical Officer)
Ceal

(initials and surname)

Appendix 5
Register
of persons affected by accidents

at _____

(company name, executive management of the Fund

_____ of social insurance against industrial accidents and occupational diseases)

№	Date and time of event	Full name of the victim	Title (position)	Place of accident (workshop, -station, -facility, etc.)	The circumstances and causes of the accident	The consequences of an accident, the diagnosis of diseases (poisoning)	Events for the prevention of accidents	Evaluation of the performance measures	Date of regulations form H-5, H-1 issue and signature of the person who received them

Materials for self-control

A. Tasks for self-control:

- To show the orderliness of the investigation and circumstances and causes of occupational diseases.

Б. Exercises for self-control:

In hospital there is an acute food poisoning of 20 patients and caregivers. It is necessary to answer following questions:

1. How can we name the investigation of such an accident?
2. According to what document a special investigation of accidents is carried out?
3. To what organs has the head of an institution to report concerning the accident?

7. Literature

Main literature :

1. Гігієна та охорона праці медичних працівників. Навчальний посібник / В.Ф.Москаленко, О.П.Яворовський, Д.О.Ластков та ін. / За ред. В.Ф.Москаленка, О.П.Яворовського. – К. : «Медицина», 2009. – 174 с.
2. Гігієна праці: підручник / Ю.І.Кундієв, О.П.Яворовський, А.М.Шевченко та ін. ; за ред. Ю.І.Кундієва, О.П.Яворовського. – К. : ВСВ «Медицина», 2011. – 904 с.
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Additional literature :

1. The resolution of the Cabinet of Ministers of Ukraine № 1232, 30.11.2011 "Some aspects of investigation and recording of accidents, occupational diseases and emergencies at work"
2. The resolution of the Cabinet of Ministers of Ukraine № 270, 22.03 "On approval of the investigation and recording of the production character accidents".
3. Загальна гігієна. Посібник до практичних занять. / І.І.Даценко, О.Б.Денисюк, С.Л.Долошицький та ін. / За ред. І.І.Даценко. – Львів: Світ, 2001. – 472 с.
4. The resolution of the Cabinet of Ministers of Ukraine № 1662, 08.11.2011 "On Approval of the List of Occupational Diseases".
5. The resolution of the Ministry of Health of Ukraine, Academy of Medical Sciences of Ukraine, Ministry of Labour and Social Policy of Ukraine №374/68/338, 29.12.2000 "On approval instructions concerning the list of occupational diseases."
6. The resolution of the Ministry of Health of Ukraine №133, 25.03.2003 "On approval of the list of specialized medical institutions that are eligible to establish a definitive diagnosis of occupational diseases".