

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

Petro Mohyla Black Sea National University

Medical Institute

Hygiene, Social Medicine and Public Health Department



Course Description

OCCUPATIONAL SAFETY AND HEALTH

field of knowledge 22 «Health care»

in the specialty 222 «Medicine»

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1. Description of the discipline

Characteristic	Characteristics of the discipline	
Name of discipline	Occupational safety and health	
Field of study	22 "Health"	
Specialty	222 "Medicine"	
Specialization (if any)		
Educational program	Medicine	
Level of higher education	Master	
Discipline status	Normative	
Curriculum	2	
Academic year	2020-2021 pp.	
Semester number	Full-time	Correspondence form
	3	
	3 credits / 90 hours	
Course structure: -lectures - seminars (practical, laboratory, semi-group) - hours of independent work of students	Full-time	Correspondence form
	10 hours 20 hours 60 hours	
Percentage of classroom load	33,3 %	
Language	English	
Form of intermediate control (if any)	-	
Form of final control	credit	

2. Purpose, tasks and planned learning outcomes

The purpose of the discipline "Occupational Safety and Health" is the formation of future professionals' knowledge, skills and competencies, as well as education of safety culture to ensure effective management of occupational safety in the medical field, creating favorable working environment and occupational safety in accordance with applicable laws and regulations acts for the implementation of the principle of priority protection of life and health of medical workers.

The main objectives of the study of the discipline "Occupational Safety in the industry" is to ensure the safety, health and efficiency of medical workers in production conditions through the use of a set of legislative, organizational, engineering, sanitary, medical and other measures, moral education -ethical values aimed at the prevention of occupational injuries and the emergence of occupational and industrial diseases.

Prerequisites for studying the discipline (interdisciplinary links):

The study of the discipline " Occupational Safety and Health" specialty 222 "Medicine" qualification educational "Master of Medicine" is based on knowledge of basic natural sciences: medical biology, medical and biological physics, biological and bioorganic chemistry, human anatomy, histology, cytology and embryology , Latin, history of medicine, life safety, basics of bioethics and biosafety and integrates with these disciplines. Creates the basis for further study of clinical and hygienic disciplines. Lays the foundations for the formation of knowledge, skills and abilities, education of moral and ethical values, which are determined by the ultimate goals of the program, necessary for further professional activity.

Competences and expected learning outcomes. Integrative final program learning outcomes, the formation of which is facilitated by the discipline:

1. Ability to carry out sanitary-hygienic and preventive measures of labor protection of medical workers.
2. Ability to assess occupational risks.
3. Ability to plan preventive and anti-epidemic measures for occupational, industrial and nosocomial diseases.
4. Ability to carry out preventive and anti-epidemic measures for occupational, industrial and nosocomial diseases.
5. Ability to process social, economic and medical information.
6. Ability to conduct epidemiological and medical-statistical studies of public health.
7. Ability to assess the impact of the environment on the health of the population (individual, family, population).
8. Ability to assess the impact of socio-economic and biological determinants on the health of the individual, family, population.
9. Adhere to a healthy lifestyle, use the techniques of self-regulation and self-control.
10. To be aware of and guided in their activities by civil rights, freedoms and responsibilities, principles of safety culture, to raise the general educational cultural level.
11. To organize the necessary level of individual safety (own and persons cared for) in case of typical dangerous situations in the individual field of activity.

According to the requirements of the educational and professional program, students must:

Know:

- the relationship between the state of health of workers and the impact of harmful and dangerous factors of production.
- requirements of legislative and normative acts on labor protection of medical workers.
- requirements for occupational safety of medical staff in modern conditions.
- basic principles and approaches (strategies) to ensure safety in treatment and prevention facilities.

Be able:

- to draw conclusions about the presence of harmful and dangerous production factors on the body of medical workers.

- substantiate the implementation of preventive measures in accordance with the basics of current legislation of Ukraine.
- plan measures to maintain a healthy lifestyle, personal hygiene and implement them in health care practices.
- to coordinate plans for preventive measures with plans for the development of territorial, administrative and production units.
- analyze and assess situations dangerous to life, health and professional activity and make decisions on taking urgent measures.

The developed program corresponds to the educational-professional program (OPP) and is focused on the formation of competencies:

- integrated (IC1 - OPP): the ability to solve typical and complex specialized problems and practical problems in professional activities in the field of health care or in the learning process, which involves research and / or innovation, and is characterized by complexity and uncertainty and requirements.

- general (ZK1-ZK10 - OPP): the ability to apply knowledge in practical situations. Ability to exercise self-regulation, lead a healthy lifestyle, ability to adapt and act in a new situation. Ability to choose a communication strategy; ability to work in a team; interpersonal skills. Information and communication skills.

3. The program of discipline

The curriculum consists of three sections:

1. Section 1. "General issues of labor protection".
2. Section 2. "Features of working conditions in the medical field."
3. Section 3. "Special issues of labor protection in the medical field".

№	Lesson topic / plan
Section 1. General issues of labor protection	
1	<p>Topic 1. Legal and organizational foundations of labor protection. Basic definitions and definitions in the field of occupational safety. Legal basis of labor protection. Legislation of Ukraine on labor protection, main provisions. International documents and international cooperation in the field of occupational safety. Labor protection as an integral part of social responsibility. Public administration of labor protection, state supervision and public control over labor protection. State Service of Ukraine on Labor, its structure and functions. <u>(practical classes, lecture, student self-study)</u>.</p>
2	<p>Topic 2. Organization of labor protection in medical institutions and institutions of higher medical education. Sectoral programs for improving the safety, health and working environment. Planning of occupational safety measures. Detect, assess and reduce the risk of hazardous events, quality management and the formation of a culture of safety. Accounting and analysis of indicators of occupational safety. Plans for localization and liquidation of emergency situations and accidents. Principles of organization, types of training and testing of knowledge on occupational safety. Guides on the issues of labor protection, their types. Promoting occupational safety. Socio-economic effect of labor protection of medical workers. <u>(practical classes, student self-study)</u>.</p>
3	<p>Topic 3. Hygiene and physiology of labor, importance for creating safe working conditions. Hygiene and physiology of labor - definition, purpose, tasks, methods of research. Classification of hazardous and harmful production factors. Basic physiological signs of physical and mental labor. Physiological changes occurring in organs and systems of the human body during labor. The efficiency of a person, dynamics and reasons for its change during the working day. Physiological essence of fatigue, existing theories and modern understanding of the mechanism of its origin. Ways to prevent the development of fatigue. Methodology for developing rational regimes of work and recreation. <u>(practical classes, lecture, student self-study)</u>.</p>
Section 2. Features of working conditions in the medical field	
4	<p>Topic 4. Professional harm in the performance of the functional duties of health professionals. Classification of labor of medical workers. Psychophysiological harmful and dangerous factors of the production environment and their influence on the health of medical workers. Physical harmful and dangerous factors of the production environment and their impact on the health of health workers. Chemical hazards and hazards of the production environment and their impact on the health of health workers. Biological harmful and dangerous factors of the production environment and their impact on the health of medical workers. <u>(practical classes, lecture, student self-study)</u>.</p>
5	<p>Topic 5. Hygienic characteristics of working conditions and health status of health workers. Hygienic peculiarities of working conditions and health status of doctors of various profiles (surgical, therapeutic, stomatological, etc.). Features of professional and production-related morbidity of health workers. Basic methods and criteria for sanitary-hygienic evaluation of health workers' conditions. The concept of severity, tension, harmfulness and occupational hazards. <u>(practical classes, student self-study)</u>.</p>

6	<p>Topic 6. Accidents and accidents in the medical institutions, their investigation and registration. The method of investigation and accounting of accidents at work. The method of investigation and accounting of nonproductive accidents. Traumatism, acute and chronic occupational diseases and poisoning in medicine, methods of their registration and investigation. Measures for the prevention of accidents, injuries and occupational diseases of medical workers. Social Insurance Fund for Industrial Accidents and Occupational Diseases. Compensation for damage to the victim at work. <u>(practical classes, student self-study)</u>.</p>
<p>Section 3. Special issues of labor protection in the medical field</p>	
7	<p>Topic 7. Hygiene and labor protection in medical institutions. Hygienic requirements for the design and development of health care facilities. Safety requirements of operating basic medical equipment. Measures to reduce the physical and nervous-psychological burden of health workers. Scientific organization of labor in the medical institutions. Hygienic education and sanitary education. Measures to reduce the adverse effect of physical factors on the body of medical workers. Measures to reduce the adverse effects of chemical agents on the body of health workers. Measures to prevent the harmful effects of biological factors. Sanitary-hygienic and anti-epidemic regime of the hospital. Requirements for personal protective equipment and working clothes for healthcare workers. <u>(practical classes, lecture, student self-study)</u>.</p>
8	<p>Topic 8. Labor protection in separate structural subdivisions of medical institutions and higher medical educational institutions. Labor protection of medical personnel in separate structural subdivisions of medical institutions (surgical, dental, infectious, physiotherapeutic, pathoanatomical, psychiatric and others), as well as at work with medical equipment. Fundamentals of Occupational Safety in the Pharmaceutical Industry. The main normative documents regulating these issues. Occupational Health at Higher Medical Educational Institutions. <u>(practical classes, student self-study)</u>.</p>
9	<p>Topic 9. Dangerous infectious diseases in the work of medical workers. Prevention of intrahospital infections as a component of labor protection in medicine. The notion of dangerous infectious diseases. HIV and AIDS in the practice of a doctor. Possible ways of getting biological material from HIV-infected to the healthcare worker's body. Viral hepatitis, their potential danger to healthcare workers. Prevention of infection with hepatitis viruses and immunoprophylaxis in contact with biological materials of a patient with hepatitis. Tuberculosis and its prevalence in Ukraine and in the world. Potential occupational hazard for healthcare workers. Measures for the prevention of TB infections of health workers. <u>(practical classes, lecture, student self-study)</u>.</p>
10	<p>Topic 10. Basics of industrial safety of health workers. General safety requirements for process equipment and processes in medical institutions. Electrical safety, safe operation of electric equipment in medical institutions. Fundamentals of fire safety. State fire supervision, main regulatory documents regulating it. Design and operation of medical facilities and medical equipment from the point of view of fire safety. Funds and measures of fire safety of the medical institutions. Fire alarm. Means of fire extinguishing. Staff actions during fire extinguishing. Evacuation of personnel. Control of the state of fire safety. Training of fire safety rules of medical institutions workers. <u>(practical classes, student self-study)</u>.</p>

The structure of the discipline "Occupational safety and health"

Names of sections and topics	Number of hours			
	total	including		
		lectures	Practical classes	student self-study
Section 1. General issues of labor protection				
Topic 1. Legal and organizational foundations of labor protection	10	2	2	6
Topic 2. Organization of labor protection in medical institutions and institutions of higher medical education.	8	-	2	6
Topic 3. Occupational hygiene and physiology, importance for creating safe working conditions	10	2	2	6
Together under section 1	28	4	6	18
Section 2. Features of working conditions in the medical field				
Topic 4. Occupational hazards in the performance of functional duties of health professionals	10	2	2	6
Topic 5. Hygienic characteristics of working conditions and health status of medical workers	8	-	2	6
Topic 6. Accidents and accidents in hospitals, their investigation and accounting	8	-	2	6
Together under section 2	26	2	6	18
Section 3. Special issues of labor protection in the medical field				
Topic 7. Hygiene and labor protection in medical institutions	10	2	2	6
Topic 8. Occupational safety in some structural units of hospitals and higher medical educational institutions	8	-	2	6
Topic 9. Dangerous infectious diseases in the work of medical workers	10	2	2	6
Topic 10. Fundamentals of industrial safety of medical workers	8	-	2	6
Together under section 3	36	4	8	24
Total	90	10	20	60

Classroom load – 33,3%; student self-study – 66,6%.

4. The content of the discipline

4.1. Lecture plan

№	Topic	Number of hours
Section 1. General issues of labor protection		
1	Legal and organizational bases of labor protection	2
2.	Occupational hygiene and physiology, importance for creating safe working conditions	2
Section2. Features of working conditions in the medical field		
3.	Occupational hazards in the performance of the duties of health care workers	2
Section 3. Special issues of labor protection in the medical field		
4	Occupational health and safety in medical institutions	2
5.	Dangerous infectious diseases in the practice of a medical worker	2
	Total	10

4.2. Plan of practical classes

№	Topic	Number of hours
Section 1. General issues of labor protection		
1.	Legal and organizational bases of labor protection. Application of requirements of legislative and normative documents for introduction of methods and means of system of labor protection of workers in medical establishments	2
2.	Organization of labor protection in medical institutions and institutions of higher medical education. Application of the basic forms of organization and management of labor protection of medical workers.	2
3.	Occupational hygiene and physiology. Identification of harmful and dangerous factors of the production environment and providing a hygienic assessment of the workplace of a medical worker	2
Section2. Features of working conditions in the medical field		
4.	Occupational hazards in the performance of the duties of health care workers. Assessment of the organization of the workplace, furniture, medical equipment in the hospital.	2
5.	Hygienic characteristics of working conditions and health status of medical workers. Forecasting the possibility of occupational diseases, accidents, emergencies.	2
6.	Accidents and accidents in hospitals, their investigation and accounting. Carrying out certification of a workplace on indicators of weight, tension, harmfulness, danger of production process	2
Section 3. Special issues of labor protection in the medical field		
7.	Occupational health and safety in medical institutions. Development of a plan of measures to improve the working conditions of medical workers and control their effectiveness	2
8.	Labor protection in separate structural subdivisions of PHC and higher medical educational establishments.	2
9.	Dangerous infectious diseases in the work of medical workers Monitoring compliance with the rules of personal hygiene and the use of personal protective equipment for medical workers. Investigation and accounting of accidents, acute	2

	and chronic occupational diseases, injuries in the medical field.	
10.	Fundamentals of industrial safety of medical workers. Development of instructions on labor protection, conducting exercises on labor protection.	2
	Total	20

4.3. Tasks for student self-study

Student self-study work of students is performed in the form of preparation for practical classes (preparation of theoretical questions, performance of situational tasks, mastering skills according to the topic of the lesson, etc.).

№	Topic	Number of hours
Section 1. General issues of labor protection		
1	Preparation for practical classes (theoretical training, development of practical skills)	18
	Total	18
Section2. Features of working conditions in the medical field		
1	Preparation for practical classes (theoretical training, development of practical skills)	18
	Total	18
Section 3. Special issues of labor protection in the medical field		
1	Preparation for practical classes (theoretical training, development of practical skills)	24
	Total	24
	Total	60

4.4. Ensuring the educational process

1. Multimedia projectors, computers, screens for multimedia presentations, lecture presentations.

2. For successful completion of the course it is enough to use literature sources that are in the libraries of the university and the city, the Internet, software - MS Word, Excel. Students are also given the opportunity to use educational and scientific literature from the library of the department and medical institute of the Black Sea National University named after Petro Mohyla, as well as electronic textbooks, which are downloaded into the Moodle system.

3. Credit cards.

5. Final control

The form of final control of knowledge is a credit. The final control of mastering the discipline is carried out upon its completion at the last lesson of the discipline.

List of questions for the final control of the discipline

"Occupational Health"

1. Basic terms and definitions in the field of occupational safety.
2. General issues of labor protection in medicine.
3. History of occupational safety.
4. Functions of occupational health service.
5. International organizations in the field of Occupational Safety.
6. International labour standards of ILO.

7. SA8000 Standard.
8. ISO 26000 Guidance on social responsibility.
9. United Nations Global Compact. The Ten Principles.
10. Hygiene and physiology of labor – definition, purpose, tasks, methods of research.
11. Classification of hazardous and harmful production factors.
12. Basic physiological features of physical and mental labor.
13. Physiological changes occurring in organs and systems of the human body during labor.
14. The efficiency of a person, dynamics and reasons for its change during the working day.
15. Physiological essence of fatigue, existing theories and modern understanding of the mechanism of its origin. Ways to prevent the development of fatigue.
16. Methodology for developing rational regimes of work and recreation.
17. Physiological displacements arising in organism under work time.
18. Tiredness and prophylaxy arrangements.
19. Professional injuries and professional diseases.
20. Infection health hazards for healthcare workers.
21. The use of an occupational infection risk evaluation.
22. Methods of reducing occupational risk of infection for healthcare workers.
23. Biological Agents: Risk of Infection.
24. Risk evaluation for infectious agents.
25. Occupational Health and Safety Hazards for Medical and Surgical Staff.
26. Hospital-acquired infection and their prophylaxis.
27. Peculiarities of internal design and hygienic regimen in specialized departments of hospitals.
28. Tasks of hospital hygiene.
29. Hygienic requirements to the hospital location.
30. Functional zones at the hospital area.
31. The systems of hospital planning.
32. Internal design of hospital.
33. Classification of labor of medical workers.
34. Psychophysiological harmful and dangerous factors of the production environment and their influence on the health of medical workers.
35. Physical harmful and hazardous factors of the production environment and their impact on the health of health workers.
36. Chemical hazards and hazards of the production environment and their impact on the health of health workers.
37. Biological hazards and hazards of the production environment and their impact on the health of health workers.
38. Hygienic peculiarities of working conditions and health status of doctors of various types (surgical, therapeutic, dentist, etc.).
39. Features of professional and production-related morbidity of healthcare workers.
40. Basic methods and criteria for sanitary-hygienic evaluation of healthcare workers' conditions.
41. The concept of severity, tension, harmfulness and occupational hazards.
42. Hygienic requirements for the design and building of health care facilities.
43. Safety requirements during exploitation of medical equipment.
44. Measures to reduce the physical and nervous-psychological loading of healthcare workers.
45. Hygienic education and sanitary education.
46. Measures to reduce the adverse effect of physical factors on the organism of healthcare workers.

47. Measures to reduce the adverse effects of chemical agents on the organism of healthcare workers.
48. Measures to prevent the harmful effects of biological factors on the organism of healthcare workers.
49. Sanitary-hygienic and anti-epidemic regime of the hospital.
50. Requirements for personal protective equipment and working clothes for medical workers.
51. Occupational Health and Safety of medical personnel in separate structural subdivisions of medical institutions (surgical, dental, infectious, physiotherapeutic, pathoanatomical, psychiatric and others), as well as at work with medical equipment.
52. Fundamentals of Occupational Safety in the Pharmaceutical Industry. The main normative documents regulating these issues.
53. Occupational Health at Higher Medical Educational Institutions.
54. Occupational Health and Safety for women, children and people with disabilities, the main regulatory documents regulating these issues.
55. Medical examinations of medical workers.
56. Prevention of intrahospital infections as a component of labor protection in medicine.
57. The notion of dangerous infectious diseases.
58. HIV and AIDS in the practice of a doctor. Possible ways of getting biological material from HIV-infected to the healthcare worker's body.
59. Viral hepatitis, their potential danger to healthcare workers. Prevention of infection with hepatitis viruses and immunoprophylaxis in contact with biological materials of a patient with hepatitis.
60. Tuberculosis and its prevalence in Ukraine/India and in the world. Potential occupational hazard for healthcare workers. Measures for the prevention of TB infections of health workers.
61. General safety requirements for equipment and processes in medical institutions.
62. Electrical safety, safe operation of electric equipment in medical institutions.
63. Safety Signs, Symbols and Colours.
64. Fundamentals of fire safety. State fire supervision, main regulatory documents regulating it. Design and operation of medical facilities and medical equipment from the point of view of fire safety. Funds and measures of fire safety of medical institutions. Fire alarm. Means of fire extinguishing. Staff actions during fire extinguishing. Evacuation of personnel. Control of the state of fire safety. Training of fire safety rules of healthcare workers.

Example of a CREDIT TICKET

CREDIT TICKET № 0

1. Basic terms and definitions in the field of occupational safety.
2. Viral hepatitis, their potential danger to healthcare workers. Prevention of infection with hepatitis viruses and immunoprophylaxis in contact with biological materials of a patient with hepatitis.

6. Evaluation criteria and tools for diagnosing learning outcomes

The grade in the discipline is defined as the sum of grades of current educational activities (in points), which are displayed at each training session on the relevant topic and credit. To enroll in the discipline, the student must meet the requirements of the curriculum and receive for current activities and credit score of at least 60% of the maximum amount of points (for a 200-point scale - at least 120 points).

The results of the test are evaluated on the traditional scale: "credited", "not credited".

Independent work of students, which is provided in the topic along with classroom work, is assessed during the current control of the topic in the relevant lesson.

Type of activity (task)	Maximum number of points
Topic 1	12
Topic 2	12
Topic 3	12
Topic 4	12
Topic 5	12
Topic 6	12
Topic 7	12
Topic 8	12
Topic 9	12
Topic 10	12
Total	120
Credit	80
Total	200

Evaluation of current educational activities

The general assessment of the student's educational activity at each lesson is comprehensive and is affixed by the teacher at the final stage of the lesson to the "Journal of attendance and student performance".

Traditional assessment	Conversion into points
"5"	12
"4"	8
"3"	4
"2"	0

The maximum number of points (120 points) that a student can score for the current educational activity in the study of the discipline is calculated by multiplying the number of points corresponding to the grade "5" - 12 points, by the number of topics. The maximum number of points for the current academic activity of the student is 120. The minimum number of points that a student must score when studying the discipline is calculated by multiplying the number of points

corresponding to the grade "3" - 4 points by the number of topics in module (10). The minimum number of points for the current educational activities of the student - 40.

At the last thematic lesson on the subject after the study of the lesson, the teacher of the study group announces the amount of points that each student of the group scored on the results of the current control.

The structure of the assessment of current educational activities of one practical lesson

Point	Component of the assessment
«5»	The student takes an active part in the discussion of the issue, solving all the components of the topic of the lesson, expresses his opinion, makes a responsible decision.
«4»	The student takes part in discussion of a question, the decision of all component problems on a subject of employment, expresses the opinion, makes the responsible decision with insignificant errors.
«3»	The student does not take part in the discussion of the issue, solving the component tasks on the topic of the lesson, with significant errors, answers the questions incompletely.
«2»	The student does not take part in the discussion of the issue, solving the component tasks on the topic of the lesson, does not answer the questions on the topic of the lesson.

After that, students must pass a test.

Assessment scale: national and ECTS

The sum of points for all types of educational activities	ECTS	Score on a national scale	
		for exam, course project (work), practice	For credit
180-200	A	perfectly	credited
160-179	B	good	
140-159	C	satisfactorily	
130-139	D		
120-129	E		
70-119	FX	unsatisfactory with the possibility of reassembly	not credited with the possibility of re-assembly
1-69	F	unsatisfactory with mandatory re-study of the disciplin	not credited with compulsory re-study of the discipline

7. Recommended sources of information

Basic

1. Occupational safety in the medical field: teaching method. way. / О.П. Yavorovsky, МІ Veremey, VI Zenkin and others. - К.: ВСВ "Медицина", 2015. - 208 с.

2. Life safety, basics of labor protection: textbook. way. / О.П. Yavorovsky, VM Shevtsova, VI Zenkin and others; for general ed OP Yavorovsky. - К.: ВСВ "Медицина", 2015. - 288 с.

3. Life safety, basics of labor protection: Educational-methodical manual / emphasis: О.П. Yavorovsky, VM Шевцова, Г.А. Shkurko and others.- Cherkasy: publisher Chabanenko YA, 2012. - 232 p.

4. Occupational Hygiene: Textbook /Y.I. Kundiev, OP Yavorovsky, A.M. Shevchenko and others; for order. acad. NAS of Ukraine, NAMS of Ukraine, prof. Yu.I. Kundieva, Corresponding Member NAMS of Ukraine prof. OP Yavorovsky.- К.: VSV "Medicine", 2011.- 904p.

Auxiliary

1. Hygiene and labor protection of medical workers. Educational manual / Ed. V.F. Москаленка, О.П. Yavorovsky. - К .: “Медицина”, 2009. - С.6-56.
2. Hygiene and labor protection of medical workers. Educational manual / Ed. VF Moskalenko, OP Yavorovsky. - К .: «Медицина», 2009. - 176 с.
3. The Constitution of Ukraine. The Basic Law of June 28, 1996.
4. Code of Labor Laws of Ukraine. Law № 322-VIII of 10.12.71.
5. Law of Ukraine “On labor protection” of October 14, 1992.
6. Law of Ukraine “On Ensuring Sanitary and Epidemic Welfare of the Population” № 4004-XII of February 24, 1994.
7. Law of Ukraine “On Collective Bargaining Agreements” № 1874 of 24.12.95.
8. Law of Ukraine “On insurance tariffs for compulsory state social insurance against accidents at work and occupational diseases that caused disability”, 1423 of 13.09.2000.
9. Law of Ukraine “On Administrative Violations” № 8074-10 of 07.12.84.
10. Fundamentals of the legislation of Ukraine on health care № 2802-XII of 19.11.92.
11. Law of Ukraine “On protection of a person from the influence of ionizing radiation” № 15/98-BP of 14.01.1998.
12. Code of Civil Protection of Ukraine № 5403-VI dated 02.10.2012.
13. Law of Ukraine “On high-risk objects” № 2245-III of January 18, 2001.
14. Law of Ukraine On Approval of the National Targeted Social Program for Combating HIV / AIDS for 2014-2018 № 1708-VII of October 20, 2014.
15. Law of Ukraine “On Counteracting the Spread of Diseases Caused by Human Immunodeficiency Virus (HIV) and Legal and Social Protection of People Living with HIV” № 1972-XII of 12.12.1991.
16. Laws of Ukraine “On Counteraction to Tuberculosis” № 2586-III of July 5, 2001.
17. Resolution of the Cabinet of Ministers of Ukraine “Procedure for Investigation and Accounting of Accidents, Occupational Diseases and Accidents at Work” № 1232 of November 30, 2011.
18. Resolution of the Cabinet of Ministers of Ukraine №1662 of 08.11.2000 “On approval of the list of occupational diseases”.
19. Resolution of the Cabinet of Ministers of Ukraine № 442 of August 1, 1992 “On the Procedure for Attestation of Workplaces under Working Conditions”.
20. Resolution of the Cabinet of Ministers of Ukraine № 559 of 23.05.2001 "On approval of the list of professions, industries and organizations whose employees are subject to mandatory preventive medical examinations, the procedure for these examinations and the issuance of personal medical records."
21. Resolution of the Cabinet of Ministers of Ukraine № 637 of April 29, 2013 “On approval of the State target social program for prevention, diagnosis and treatment of viral hepatitis for the period up to 2016”.
22. Resolution of the Cabinet of Ministers of Ukraine № 955 of 05.11.2013 “On approval of regulations on protection against HIV infection in the performance of professional duties”.
23. Resolution of the Cabinet of Ministers of Ukraine № 148 of 17.03.2015 “On approval of the Procedure for confirming the connection between HIV infection and the performance of their professional duties by an employee”.
24. Order of the Ministry of Health of Ukraine № 268 of 30.09.94 “On the labor protection service of the system of the Ministry of Health of Ukraine”.
25. Order of the Ministry of Health of Ukraine №133 of 25.03.2003 "On approval of the List of specialized treatment and prevention facilities that have the right to establish a final diagnosis of occupational diseases."
26. Order of the Ministry of Health of Ukraine №614 of 13.12.2004 “On approval of the Procedure for compiling and requirements for sanitary and hygienic characteristics of working conditions”.

27. Order of the Ministry of Health of Ukraine №246 of 21.05.2007 “On approval of the Procedure for conducting medical examinations of employees of certain categories”.

28. Order of the Ministry of Health of Ukraine №256 of 29.12.93 “List of works with harmful or dangerous working conditions, in which the use of women's labor is prohibited”.

29. Order of the Ministry of Health of Ukraine №276 of 10.12.93 “Limit norms for lifting and moving heavy objects by women”.

30. Order of the Ministry of Health of Ukraine №46 of 31.03.94 “List of heavy work with harmful or dangerous working conditions, in which the use of minors is prohibited”.

31. Order of the Ministry of Health of Ukraine №59 of March 22, 1995 “Limit norms for lifting and moving heavy objects by minors”.

32. Orders of the Ministry of Health of Ukraine № 955 of 05.11.2013 “Procedure for emergency post-exposure prophylaxis of HIV infection in employees in the performance of prof.

33. Order of the Ministry of Health of Ukraine “On the introduction of operational control over the state of labor protection in institutions, establishments and enterprises of the system of the Ministry of Health of Ukraine” № 444 of 01.11.2001.

34. “Hygienic classification of labor according to the indicators of harmfulness and danger of factors of the production environment, severity and intensity of the labor process”, approved by the order of the Ministry of Health of Ukraine № 248 of 08.04.2014.

35. Order of the State Labor Inspectorate of Ukraine № 15 of January 26, 2005 “Standard Regulation on the Procedure for Conducting Training and Testing of Knowledge on Occupational Safety and Health”.

36. Order of the State Labor Inspectorate of Ukraine № 15 of January 26, 2005 “List of high-risk works”.

37. Order of the State Labor Inspectorate of Ukraine № 255 of 15.11.04 “Standard regulations on the labor protection service”.

38. Order of the Ministry of Labor and Social Policy of Ukraine № 260 of 08.06.01 “On approval of the form of employment contract between employees and an individual and the procedure for registration of an employment contract between employees and an individual”.

39. Radiation safety standards of Ukraine (NRBU-97). - Kyiv: Department of Printing of the Ukrainian Center for State Sanitary Supervision of the Ministry of Health of Ukraine, 1998. - 125 p.

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