

**The State Educational Establishment
"The Institute for Retraining and Professional Development"
of the Ministry for Emergency situations of the Republic of Belarus**



TRAINING PROGRAMS

*Svetlaya Roscha
2015*

**Retraining programs
Of the State Educational Establishment “The Institute for
Retraining and Professional Development” of the Ministry for
Emergency Situations of the Republic of Belarus
for foreign specialists.**

**Retraining programmes for managers and
specialists with higher education**

№	Course title	Training period, hours	Training period, years
1.	1-24 01 71 “Jurisprudence” training for “Lawyer” qualification	1106	2 years (distantly)
2.	1-94 01 71 “Prevention and Elimination of Emergencies” training for “Engineer for Prevention and Elimination of Emergencies” qualification	1176	2 years (distantly)

Education Programmes for Workers’ Professional Training

№	Course title	Training period, hours	Training period, years
3.	Rescuer Firefighter	530	90
4.	Automobile crane operator Category 7	92	19
5.	Firefighter-trooper Category 6	254	47

**Advanced training programmes for administrative officers
and specialists with higher and post-secondary education**

<i>Operational and tactical activity:</i>			
№	Course title	Duration, hours	Duration, days
6.	The chief, the deputy chief of a fire brigade	72	12
7.	Watch (Shift) Commander of the Fire and Rescue Station	74	12
8.	Commanders for oil and mineral oil irruption emergency response	36	5
9.	Commanders for oil and mineral oil irruption emergency response	64	12
10.	Commanders of gas rescue service	40	5
11.	Management of Gas Rescue Unit	40	5
12.	Training of specialists on management of regional emergency situations	68	11
13.	Professional development of Commanders at elimination of oil and mineral oil irruption	36	5
14.	Professional development of commanders in organization and conducting of gas rescue works	40	5
15.	First responders at the event of radiological emergencies (based on the IAEA-guidelines for first responders at the event of a radiological emergencies)	60	11
16.	Responsible for radiation safety and control	76	12
17.	Workers of Radiation and Chemical Protection Service	36	5

18.	Fire-fighting workers on civil aviation facilities	68	11
19.	Fire-fighting workers on civil aviation facilities (for the specialists responsible for fire-prevention activities at Civil Aviation at facilities)	68	11
20.	Fire-fighting workers on civil aviation facilities (for Fire, Search and Rescue Operations Service)	66	12
21.	Responding to incidents involving chemical, biological, radioactive and nuclear substances (in accordance with recommendations of NATO Civil Emergency Planning and Civil Protection Committee)) (<i>Train-The-Trainer</i>)	36	5
22.	Further education of rescuers in fire-fighting sphere	78	12
23.	Professional development of rescuers in elimination of oil and mineral oil irruption	36	5
24.	Professional development of rescuers in organization and conducting of gas rescue works	40	5
25.	Actions of rescue units at earthquakes	72	11
26.	Monitoring and forecasting of emergency situations	60	12
27.	Monitoring and forecasting of emergency situations	38	5
28.	Management of operative and tactical activity	40	5
29.	Management of operative and tactical activity	76	12
30.	Emergency response management (in Russian and English)	78	12
31.	Ecological emergency response management	38	5
32.	Management of forces and means at elimination of emergency at gas pipe lines	36	5
33.	Operative functioning of units	36	5
34.	Operative, tactical, preventive and supervising activities	68	12
35.	Operational and information support activities on the emergencies prevention and response (extended course)	72	12
36.	Organization of operations on emergencies response with the use of rescue tools and equipment	36	5
37.	Organization of aviation search and rescue operations	71	11
38.	Fire extinguishing at oil and LPG storage facilities	80	11
39.	Fire extinguishing at oil and LPG storage facilities	36	5
40.	Organization of fire brigade activities. Commanders and specialists, heading shifts on duty	72	12
41.	Organization and conducting of rescue operations in areas of radioactive and chemical contamination	106	26
42.	Organization and conducting of Gas Rescue works	40	5
43.	Methodical bases of Emergency response management	76	12
44.	Rescue operations in areas of chemical contamination	38	5
45.	Hazardous goods transportation accidents response	62	11
46.	Rescue actions at transport	70	12
47.	Rescue operations in areas of radioactive contamination	36	5
48.	Rescue operations in areas of chemical contamination	36	5
49.	Rescue and firefighting operations on aircrafts and civil aviation facilities (in accordance with Standards and Recommendations of International Civil Aviation Organization)	66	12
50.	Rescue and firefighting operations on aircrafts and civil aviation facilities (in accordance with Standards and Recommendations of International Civil Aviation Organization) (firefighters-rescuers)	78	11
51.	Rescue actions in multistoried buildings (basic)	74	12
52.	Rescue actions in multistoried buildings	36	5

53.	Conducting rescue actions in the environment unsuitable for breathing	72	12
54.	Rescue actions in collapsed buildings, at transport and on multistoried buildings	70	11
55.	Rescue actions in collapsed buildings	36	5
56.	Rescue actions in collapsed buildings	72	11
57.	Conducting of rescue works at oil and gas refining, exploitation of oil and gas fields	36	5
58.	Prevention actions and elimination of emergencies at gas pipe lines	36	5
59.	Rescue actions at transport	36	5
60.	Rescue actions in the environment unsuitable for breathing	36	5
61.	Hazardous chemical substances incidents response (in Russian and English)	68	12
62.	Radiological incidents response	68	11
63.	Responding to incidents involving chemical, biological, radioactive and nuclear substances (in accordance with recommendations of NATO Civil Emergency Planning and Civil Protection Committee) (in Russian and English)	76	12
64.	Responding to accidents involving spills of hazardous materials	70	12
65.	Tactics of sublevel way of oil and petroleum products extinguishing in tanks not equipped with fire-extinguishing system	36	5
66.	Tactics of sublevel way of oil and petroleum products extinguishing in tanks not equipped with fire-extinguishing system	72	12
67.	The tactics of extinguishing and conducting urgent rescue operations at railway transport	38	5
68.	Fire extinction of oil, oil products and gas at the storage facilities	36	5
69.	Fire extinction of oil, oil products and gas at the storage facilities	72	12
70.	Fire extinguishing and rescue works conducting	72	12

Operational and technical activity:

№	Course title	Duration, hours	Duration, days
71.	Instructor for drivers and operators basic training with the right to work on fire ladders and elevators	36	5
72.	Supervision the technical condition and operation of containers operating under pressure	38	5
73.	Hoisting crane perfect state maintenance	74	12
74.	Elevators perfect state maintenance	54	12
75.	Safe operation by cranes	36	5
76.	Safe operation by elevators	38	5
77.	Safe conduction of loading and off-loading	36	5
78.	Safe operation by electric installations under the voltage of 1000V	60	12
79.	Safe operations of vessels under the pressure	38	5
80.	Safety works with industrial climbing methods	40	5

Supervising and preventive activity:

№ п/п	Course title	Course title	Course title
81.	The heads of State Fire Inspections of Sity (Region) Emergency Departments	40	5
82.	The chiefs assistants of City (Regional) Emergency Departments on state fire supervision	36	5
83.	Engineering and inspectoral personnel of point systems maintaining oil and gas enterprises	36	5

84.	Engineering and inspectoral personnel of point systems maintaining industrial enterprises	36	5
85.	State Inspectors and persons responsible for safe operation of load lifting, harnesses and containers (for managers and specialists in safe operation of load lifting)	60	11
86.	State inspectors and experts involved in technical supervision of construction (assembly) and acceptance into operation of gas distribution system and gas consumption	72	12
87.	Employees of State Fire Inspection	36	5
88.	Workers of Fire Inspection and prevention departments of Regional (City) Emergency Administrations	36	5
89.	Workers of departments of normative and technical work and emergencies prevention of Regional Administrations of the Ministry for Emergency Situations	36	5
90.	Assembling, fettling and service of automatic fire-extinguishing installations and fire alarm systems (Train-the Trainer Course)	36	5
91.	Civil Defense technical actions in town-planning	40	5
92.	Supervision on safe maintenance of hoisting cranes, hauling devices and containers	74	12
93.	Supervision on safe maintenance of hoisting cranes, hauling devices and containers	36	5
94.	Supervision on elevators safe maintenance	54	11
95.	Organization of supervising and preventive activity	36	5
96.	Organization of activities of voluntary fire brigades	36	5
97.	Organizing the activities of fire safety commissions	36	5
98.	Organizing the fire-prevention instructing and fire-technical minimum	36	5
99.	Organization and operation of Fire Testing Laboratories	36	5
100.	Fire Analysis	36	5
101.	Fire Analysis	72	12
102.	Fire-technical evaluation	36	5
103.	Fire Prevention and surveillance at different installations	72	11
104.	Fire Investigation	74	12
105.	Categorizing on explosion and fire hazard	36	5
106.	Explosion protection of buildings	36	5
107.	People safe evacuation	36	5
108.	Fire safety	36	5
109.	Fire safety of fire hazardous and explosion hazardous manufactures	36	5
110.	Fire safety securing at objects with mass stay of people	36	5
111.	Restriction of a fire spread. Space-planning and constructive decisions	36	5
112.	Fire resistance of buildings and constructions. Constructive decisions of passive fire protection of buildings and constructions	36	5
113.	Fire-retardant treatment of building structures, materials and products	36	5
114.	Works with fire retarding compositions	36	5
115.	Investigation of fires and (or) infringement of fire safety rules	72	12
116.	Design of fire alarm installations, fire warning systems and evacuation management systems	36	5
117.	Design of automatic fire-extinguishing installations	36	5
118.	Design, assembling, fettling and service of fire alarm and caution systems, evacuation management systems and smoke protection systems	40	5

119.	Assembling, fettling and service of automatic fire-extinguishing installations	36	5
120.	Assembling, fettling and service of constructions' smoke protection systems	36	5
121.	Assembling, fettling and service of fire alarm installations, fire warning systems and evacuation management systems	36	5
122.	Designing of automatic fire alarm system and caution and evacuation systems	36	5
123.	Assembling, fettling and service of smoke protection systems.	36	5
124.	Assembling, fettling and service of automatic fire alarm and caution and evacuation systems	36	5
125.	Trading by fire engineering (vehicles and equipment), rescue rigs, fire extinguishers, fire extinguishing agents and other means of fire protection	36	5
126.	Certification and licensing	36	5
127.	Administrative practice	40	5
128.	Normative and technical work	36	5
129.	Propaganda and training in the field of fire safety	36	5
130.	Propaganda and training in the field of protection from emergency situations	42	5
131.	Analytical Chemistry	36	5
<i>Organizational and administrative activity:</i>			
№	Course title	Duration, hours	Duration, days
132.	Assistants to chiefs of regional (city) departments of the State System on Emergencies Prevention and Elimination and Civil Defense, workers of support groups of the State System on Emergencies Prevention and Elimination and Civil Defense	38	5
133.	Basics of management and decision making	80	12
134.	Employees of Personnel Departments and Ideological Supply Departments	72	11
135.	Employees of Operational Control Centers at Regional Emergency Departments, Emergency Departments of cities with republican submission	72	11
136.	Theoretic and psychological basis of Management	36	5
137.	Theoretic and psychological basis of Management	72	12
138.	Management in functioning of the State System on Emergencies Prevention and Elimination and Civil Defense	42	5
139.	Management and organization of operative and tactical activities of emergency bodies and divisions	36	5
140.	Management of supervising activity on population and area protection from natural and technogenic emergencies and Civil Defense activity	42	5
141.	Management in scientific and educational activity of emergency bodies and divisions	38	5
142.	Management in scientific and educational activity of emergency bodies and divisions	76	11
143.	Scientific research methodology	38	5
144.	State System of Civil Protection	36	5
145.	State Prevention and Response and civil Defence System establishing	40	5
146.	Organisation of actions for population and area protection	36	6
147.	Organisation of actions for medical and biological protection	36	5

148.	Organisation of actions on population protection and awareness: what to do in a case of accident	36	5
149.	Organization of radiation and chemical protection	36	5
150.	Evacuation activities	40	5
151.	Ideological activity and staffing support	36	5
152.	Ideological activity and staffing support	72	12
153.	Staff support of emergency bodies and divisions activities	36	5
154.	Financial and economic provision of emergency situations bodies and subdivisions	36	5
155.	Work safety	38	5
156.	Bases of computer science, information systems and application software	74	12
157.	Teaching of special disciplines on a specialty "Prevention and elimination of emergency situations" in establishments providing general secondary education	76	12

Educational programs for workers' retraining
Operational and tactical activity:

№	Course title	Training period, hours	Training period, days
158.	Radiation supervisor-chemist	78	12

Operational and technical activity:

№	Course title	Training period, hours	Training period, days
159.	Industrial climber of 5 category	98	12
160.	Industrial climber with skills of tree work	128	18
161.	Fire-extinguisher charge man (basic)	66	12
162.	Mobile electric power plant driver category 4	160	23
163.	Hooker	160	23

Educational programs of training courses
Operational and tactical activity:

№	Course title	Training period, hours	Training period, days
164.	Firemen-commandoes on the wild fires extinguishing	40	5
165.	Firemen-commandoes on the wild fires extinguishing	70	11
166.	Radiation supervisor chemist	72	11
167.	Radiation supervisor	36	5
168.	Aircraft Observer	652	82
169.	Workers of gas rescue services	40	5
170.	Workers of Chemical and Radiation Protection Units	184	24
171.	Workers of Communication, Illumination and Electrical Safety Service	184	24
172.	Operational, tactical, supervising and preventive activity	70	12
173.	Operative and informational support on prevention and elimination of emergencies	36	5
174.	Operative and informational support on prevention and elimination of emergencies (extended course)	72	11
175.	Rescuers-firefighters basic training (extended course)	322	40

176.	Rescuers-firefighters basic training (baxis)	154	20
177.	Operations on emergencies response with the use of rescue tools and equipment	74	12
178.	Application of rescue equipment and tools at emergency situations response	52	9
179.	Technogenic accidents response	120	18
180.	Rescue actions in multistoried buildings	80	11
181.	Rescue works with aircrafts and cargo handling works on external load sling system	72	11
182.	Fire-extinguishing on the objects of storage, transportation and refining of oil products and LPG	80	11
183.	Safe fire extinguishing at electrical installations under voltage from 0.22 kV to 110 kV inclusive	156	18
184.	Organization and conducting of gas rescue operations	40	5
185.	Oil and oil products spills response	36	5
186.	Application of forces and means in emergencies	130	18
187.	Fire-extinguishing on the aircraft	12	2
188.	Fire-extinguishing on the tanks for oil and oil products storage with maximum size of mirrored surface	36	5
189.	Forest fires extinguishing with aviation	156	23
190.	Forest fires extinguishing with aviation Forest fires extinguishing with aviation (for firefighters paratroopers)	36	5
191.	Rescue training and aid rendering for passengers of aircraft in case of aviation event	12	2
192.	Training on conducting rescue operations and the use of rescue equipment (cabin crew members)	16	2
193.	Training on conducting rescue operations and the use of rescue equipment (pilots)	14	2

Operational and technical activity:

№	Course title	Training period, hours	Training period, days
194.	Senior master (master) of a gas and smoke protection service	116	17
195.	Drivers of pumping appliance station (PNS)	42	5
196.	Fire ladder and lifts operation	132	18
197.	Conning of small size vessels on inner waterways	102	19
198.	Training for work in isolating gas masks	16	2
199.	Installation and maintenance of stove heating	36	5
200.	Safe operation of containers working under pressure	38	5
201.	Arboristics (tree maintenance)	40	5

Supervising and preventive activity:

№	Course title	Training period, hours	Training period, days
202.	Functioning of voluntary fire brigades	36	5
203.	Assembling, fettling and service of automatic fire-extinguishing installations	36	5
204.	Assembling, fettling and service of constructions' smoke protection systems	36	5
205.	Assembling, fettling and service of fire alarm installations, fire warning systems and evacuation management systems	36	5

206.	Assembling, fettling and service of fire automatics and smoke protection systems	40	5
207.	Fire-retardant treatment of building structures, materials and products	36	5
208.	Works with fire retarding compositions	36	5
<i>Organizational and administrative activity</i>			
№	Course title	Training period, hours	Training period, days
209.	Hardware and software complexes of chemically-dangerous objects monitoring	36	5
210.	Computer science, info systems and software support	36	5

Notes:

1. The cost of training is calculated for a group of 10 people.
2. Residing at a hostel, three meals a day in the Institute's dining room, the use of sports base, special clothes and footwear, 24-hour medical service, cultural trips and excursions at the weekends, delivery from and to the National Airport Minsk or Borisov railway station are included into the cost of training.
3. If Customer sends a group number of 11 and more persons for the first time, one person is passing the training free of charge.
4. If the group is less than 10 people, the cost of training increases equivalently.
5. If the members of the group arrive/departure separately in different dates, the cost of training increases according to the cost of their transportation.

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