

**DECISION OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA ON APPROVING THE LISTS OF HEAVY, HARMFUL INDUSTRIES, WORKS, PROFESSIONS AND POSITIONS, THOSE OF SPECIFICALLY HEAVY, SPECIFICALLY HARMFUL INDUSTRIES, WORKS, PROFESSIONS AND POSITIONS, MAKING AMENDMENTS AND SUPPLEMENTS TO DECISION OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA NO 1599-N OF 11 AUGUST 2005, MAKING AMENDMENTS TO DECISION OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA NO 876-N OF 16 JUNE 2006 AND REPEALING A NUMBER OF DECISIONS OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA**

**Գլխավոր տեղեկություն**

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**GOVERNMENT OF THE REPUBLIC OF ARMENIA**

**DECISION**

No 1698-N of 2 December 2010

**ON APPROVING THE LISTS OF HEAVY, HARMFUL INDUSTRIES, WORKS, PROFESSIONS AND POSITIONS, THOSE OF SPECIFICALLY HEAVY, SPECIFICALLY HARMFUL INDUSTRIES, WORKS, PROFESSIONS AND POSITIONS, MAKING AMENDMENTS AND SUPPLEMENTS TO DECISION OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA NO 1599-N OF 11 AUGUST 2005, MAKING AMENDMENTS TO DECISION OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA NO 876-N OF 16 JUNE 2006 AND REPEALING A NUMBER OF DECISIONS OF THE GOVERNMENT OF THE REPUBLIC OF ARMENIA**

Based on Article 183 of the Labour Code of the Republic of Armenia and point 7 of Article 10 of the Law of the Republic of Armenia "On State Labour Inspectorate", the Government of the Republic of Armenia hereby **decides**:

1. To approve:

(1) the list of heavy, harmful industries, works, professions and positions, in accordance with Annex No 1;

(2) the list of specifically heavy, specifically harmful industries, works, professions and positions in accordance with Annex No 2.

2. To make the following amendments and supplements to decision of the Government of the Republic of Armenia No 1599-N of 11 August 2005 "On establishing the list of special category employees entitled to an extended annual leave for a period of up to 35 days (in exceptional cases — up to 48 days)"

(1) the title of the Decision shall read as follows:

"ON ESTABLISHING THE LIST OF SPECIAL CATEGORY EMPLOYEES ENTITLED TO AN EXTENDED ANNUAL LEAVE";

(2) point 1 of the Decision shall read as follows:

"1. To establish the list of special category employees entitled to an extended annual leave with a duration of 25 working days in case of a five-day working week, and with a duration of 30 working days in case of a six-day working week (in exceptional cases — 35 working days in case of a five-day working week, and 42 working days in case of a six-day working week), according to the Annex."

(3) in the Annex to the Decision:

a. the title shall read as follows:

**"LIST**

**OF SPECIAL CATEGORY EMPLOYEES ENTITLED TO AN EXTENDED ANNUAL LEAVE WITH A DURATION OF 25 WORKING DAYS IN CASE OF A FIVE-DAY WORKING WEEK, AND WITH A DURATION OF 30 WORKING DAYS IN CASE OF A SIX-DAY WORKING WEEK (IN EXCEPTIONAL CASES — 35 WORKING DAYS IN CASE OF A FIVE-DAY WORKING WEEK, AND 42 WORKING DAYS IN CASE OF A SIX-DAY WORKING WEEK"**

b. in column 3, the word "calendar" shall be replaced with the word "working", and the figures "35" and "48" with figures "25" and "35", respectively;

c. the Annex shall be supplemented with new points 1.1, 1.2, 1.3 and 1.4 after point 1, which shall read as follows:

1.1. General education institutions implementing basic general, special and specialised programmes working with a five-day work mode	35 instructors (teachers, teacher-mentors), psychologists, resource teachers, military instructors, childcare workers, social care teachers
1.2. Pre-school education institutions working with a five-day work mode	25 pre-school upbringing and teaching staff
1.3. General education institutions implementing basic general, special and specialised programmes working with a six-day work mode	42 instructors (teachers, teacher-mentors) , psychologists, resource teachers, military instructors, childcare workers, social care teachers
1.4. Pre-school education institutions working with a six-day work mode	30 pre-school upbringing and teaching staff".

d. the words "general education institutions" and "pre-school education institutions" shall be removed from column 2 of point 2, and the words "pre-school upbringing and teaching staff (teachers, childcare workers) shall be removed from column 4 of point 2;

e. the words "general education institutions for additional education of children" shall be removed from column 2 of point 3.

3. To make the following amendments to Decision of the Government of the Republic of Armenia No 876-N of 16 June 2006 "On establishing the form of the employment record book, the procedure for keeping the employment record book, and for providing the duplicate thereof":

(1) the Table of Annex No 1 to the Decision shall read as follows:

" Record number	Working period	Name of the employee, and in case of an individual entrepreneur — name and surname, position held, the work performed	Ground for record: number, date, month, year of adoption of the legal act, and in case of record on on-site education in secondary vocational and higher education institutions and compulsory military service — number, serial number (if any) of the document, the day, month, year of issuance
		period of receiving unemployment benefit (to be filled in by the authorised body);	
		period of performing the works, which, in accordance with the legislation of the Republic of Armenia, entitle the employee to retire under privileged conditions;	
		period for being included in the personnel reserve of the state services, which, in accordance with the regulatory legal acts, shall be calculated for the work record (to be filled in by the authorised body);	
		period of on-site study in secondary vocational and higher education institutions (to be filled in by the employer having hired the person upon graduation from the education institution);	
		period of compulsory military service (to be filled in by the employer having hired the person after demobilisation);	
		upon the request of the employee — the ground for rescinding the employment contract, information on the position held and the work performed, the period of employment on concurrent basis, where the employee submits to the employer of the main workplace a document certifying the concurrent work	
1	2	3	4

(2) in point 10 of Annex N 2 to the Decision:

a. sub-point "c" shall read as follows:

"(c) in column 3,

name of the employee, and in case of an individual entrepreneur - name and surname, position

held, the work performed;

period of receiving unemployment benefit (to be filled in by the authorised body);

period of performing the works, which, in accordance with the legislation of the Republic of Armenia, entitle the employee to retire under privileged conditions;

period for being included in the personnel reserve of the state services, which, in accordance with the regulatory legal acts, shall be calculated for the work record (to be filled in by the authorised body);

period of on-site study in secondary vocational and higher education institutions (to be filled in by the employer having hired the person upon graduation from the education institution);

period of compulsory military service (to be filled in by the employer having hired the person after demobilisation);

upon the request of the employee, the ground for rescinding the employment contract, information on the position held and the work performed, the period of employment on concurrent basis, where the employee submits to the employer of the main workplace a document certifying the concurrent work;"

b. sub-point "d" shall read as follows:

"(d) in column 4 — ground for record: number, date, month, year of adoption of the legal act, and in case of record on on-site education in secondary vocational and higher education institutions and compulsory military service — number, serial number (if any) of the document, the day, month, year of issuance."

4. 2. To repeal:

(1) Decision of the Government of the Republic of Armenia No 1907-N of 11 December 2003 "On approving the lists of harmful works and professions for health and specifically harmful, specifically heavy works and professions for health";

(2) Decision of the Government of the Republic of Armenia No 2301-N of 6 October 2005 "On approving the procedure for submitting an annual report to the State Labour Inspectorate of the Republic of Armenia by the employees";

(3) Decision of the Government of the Republic of Armenia No 875-N of 16 June 2006 "On establishing the procedure for registration of employment contract, form of the register, the procedure for keeping and maintaining thereof and on repealing Decision of the Government of the Republic of Armenia No 2034-N of 13 December 2002".

5. This Decision shall enter into force on the tenth day following its official promulgation.

**Prime Minister  
of the Republic of Armenia**

**T. Sargsyan**

20 December 2010  
Yerevan

**Annex No 1  
to Decision of the Government  
of the Republic of Armenia  
No 1698-N of 2 December 2010**

## **LIST**

### **OF HEAVY, HARMFUL INDUSTRIES, WORKS, PROFESSIONS AND POSITIONS**

#### **I. Agriculture**

<b>I. Plant breeding</b>
1. Employees conducting research and observations on land parcels treated with toxins
2. Employees conducting expert examination of the residual quantity of toxins in agricultural products
3. Employees conducting expert examination of nitrates and other elements in agricultural products
4. Staff conducting testing of chemical and biological plant protection products on agricultural crops for scientific purposes
5. Staff storing and selling chemical and biological plant protection products (toxins)
<b>II. Veterinary</b>
1. Veterinary specialists and maintenance employees conducting anti-epidemic measures for agricultural animals
<b>III. Transport</b>
1. Agronomists, plant protection specialists and auxiliary employees involved in mechanised fight activities
<b>IV. Food and processing</b>

1. Compressor units operators when working with harmful substances of at least 3rd hazard category
2. Process compressor operators occupied with maintenance of gas compressors (except air compressors)
3. Refrigeration units operators servicing ammonia refrigeration units
4. Sausages, cheese smokers
5. Workers of separation workshop in sugar production
6. Tobacco leaf stirrers and fermentation sorting workers
7. Employees of cigar drying chamber in cigar roll factory
8. Employees collecting, processing and transporting shredded tobacco and other employees constantly working in the same workshop
9. Workers occupied with loading and unloading of fish smoking chambers
10. Fish smokers and other employees servicing smoking chambers
11. Hammer crushing and flourmill workers
12. Workers shaking, cleaning, sorting, receiving and packing bags of pepper, mustard, tobacco chemicals and flour
13. Workers making solutions of table salt, soda salts, sodium nitrite and other inorganic substances
14. Employees occupied with cleaning, repair, setup of technological equipment and vehicles of drying-cleaning towers and mechanised warehouses of mills, grain, concentrated feed, and elevators
15. Permanent employees occupied with loading and unloading of wheat flour, grain, concentrated feed and other similar stuff

## II. ENVIRONMENTAL PROTECTION

<b>I. Employees conducting analytical laboratory research</b>
<b>Employees of the Laboratory Research Division of the Environmental Protection and Mining Inspection Body of the Republic of Armenia</b>
1. Head of the Department for Laboratory Researches
2. Chief Specialist
3. Leading Specialist
4. First class specialist
<b>II. Employees of laboratories of ArmEcoMonitoring system</b>
Employees of the Yerevan Central Laboratory of Atmospheric Air
1. Head of the laboratory
2. Chief specialist
3. Senior technician
4. Technician
Employees of the Yerevan Central Laboratory of Surface Waters
5. Head of the laboratory
6. First class specialist
7. Senior technician
Employees of the Yerevan Laboratory of Physical and Chemical methods
8. Head of the laboratory
9. Equipment expert
Employees of the Vanadzor Complex Laboratory
10. Head of the laboratory
11. Leading specialist
12. First class specialist
13. Senior technician
Employees of the Laboratory Group of Hrazdan Atmospheric Air
14. Team leader
Employees of the Laboratory Group of Alaverdi Atmospheric Air
15. Team leader
16. Senior technician
Employee of the Laboratory Group of Ararat Atmospheric Air
17. Team leader
<b>III. Leather carving employees</b>
Employees of the State Museum of Nature
1. Leather carving expert
2. Fund keeper
3. Scientific worker

### III. Transport and communications

<b>I. Railway transport and subway</b>
1. Preparation of chemical reactive solutions and manual loaders
2. Regulation of the speed of movement of wagons by braking with the help of brake spiders, assembly and approach of brake spiders to braking positions, adjustment of wagons for adhesion in sorting tracks (lines), disconnection and connection of wagons with brake spiders and hand brakes at railway stations (except for sorting stations)
3. Maintenance works carried out by cargo train operators for pick-up trains, clean-up trains, through-running trains and service trains at intermediate stations, performing shunting work on train maintenance, isolating and strengthening the train with the help of brake spiders and hand brakes
4. Repair and assembly of boilers
5. Control of self-propelled shock-missile machines, railway cranes powered by self-propelled steam and diesel engines, machines for collecting waste on lines and ground snow masses used for line repair works
6. Control of stationary and mobile installations with steam-diesel engines
7. Current repair and maintenance of railway tracks and artificial structures in tunnels and collapsing sections
8. Repair and lining — during hot wash — of furnaces of steam locomotive boilers in hot condition
9. Caulking and cleaning of flame and heat pipes of steam locomotive boilers
10. Washing and cleaning of steam locomotive boilers
11. Repair of a hot steam locomotive fittings
12. Works performed by using electropneumatic tools
13. Repair and current maintenance of railway tracks in metallurgical, coke chemical, agglomeration workshop, hot rocks, slag heaps
14. Works by using cross-ties and beams enriched with anti-rot substances, anti-rot substances
15. Filling of locomotives and wagons with solid and liquid fuel, water, ice salt and sand
16. Cleaning, washing and wiping the rolling stock, products, parts and connections from dirt, rust, oxides, old paint, etc. by manual, mechanised and chemical means, as well as using kerosene, gasoline, acetone, caustic soda and other solvents
17. Repair and maintenance of railway wagons directly on the railway tracks of railway stations, at the points of technical maintenance of wagons, preparation of wagons for lifting
18. Repair and maintenance of hot equipment in the engine room of diesel locomotives and diesel compartment of diesel train motor wagons
19. Repair and maintenance of running gear of locomotives, diesel trains and electric trains during technical maintenance
20. Repair and maintenance of ammonia and chlorine cooling devices, as well as cleaning and repair of refrigeration sections of diesel locomotives performing welding works
21. Rheostatic testing of diesel locomotives
22. Repair and maintenance of diesel engines of refrigerating wagons of rolling stock directly in wagons
23. Preparation of antistatic agents and toxic chemicals
24. Preparation of solutions for cooling diesel locomotive engines
25. Emptying of acids, alkalis, anti-rot substances, oil, fuel oil, liquid toxic chemicals and other toxic substances
26. Permanent works on open (above-ground) sites, subway train sheds only at night-time
27. Permanent works in tunnels and other underground structures of subway
28. Control of signals and crosspiece arrows from mechanically centralised point
29. Works performed by train compilers for the assembly and disassembly of groups of railway stock and wagons, connection of wagons to trains and their disconnection from trains, transfer of wagons for loading and unloading and their assembly on other specialised lines, works on the transportation of rolling stock and wagons from park to park and from one station to another

30. Repair of oil and air filters of wagons and locomotives
31. Repair and maintenance works of traction substations, contact network, high-voltage power transmission wires, SCB feeding devices in train traffic conditions
32. Repair and current maintenance of the railway line, artificial structures, SCB and communication equipment in the course of regulated breaks (occupations) of trains traffic
33. Technical equipment repair and operation works in quarries (sections), ferrous and non-ferrous metallurgy, coal (shale) and cement industries, mining and chemical enterprises, asbestos and graphite mining
34. Rail travel loaders, crane operators and assistant operators
35. Bulldozer and tractor drivers
36. Tow truck drivers
37. Mobile power plant operators
38. Tug operator
39. Gas welders
40. Steam locomotives, electric locomotives, diesel locomotives, electric trains, diesel trains operation and instruction works
Automobile transport
41. Works on manual fixing of the body and other parts of automobiles by using grindstone and gas welding equipment
42. Works on repairing automobiles transporting foulness, rotting garbage, corpses
43. Repair of fuel equipment of automobiles operated with lead gasoline
44. Repair works of automobiles operated in technological processes of mining and metallurgical organisations, coal, shale, chemical industry of construction materials
45. Cleaning, washing and wiping the rolling stock, products, parts and connections from dirt, rust, oxides, old paint, etc. by manual, mechanised and chemical means, as well as using kerosene, gasoline, acetone, caustic soda and other solvents
46. Refuelling with lead gasoline at non-remote gas stations at automobile companies
47. Battery assembler
48. Vulcanisation operator
Road management
49. Dry grinding of crumbled construction materials
50. Supply of powdered substances to transport mechanisms
51. Asphalt concrete worker occupied with the preparation of asphalt and bitumen
52. Asphalt concrete worker occupied with laying asphalt pavement and transporting asphalt mass
53. Driller
54. Exploder
55. Truck crane operator
56. Bitumen spraying machine operator
57. Engine-driven compressor operator
58. Concrete mixer operator
59. Excavator operator
60. Pumping station operator
<b>II. Loading and unloading operations, including:</b>
1. Agglomerate in cold condition
2. Chlorine aluminium /without packaging /
3. Alpha-naphthylamine
4. Aniline and aniline salt
5. Anti-rot paste
6. Anthracene
7. Construction plaster
8. Apatite - nepheline concentrate
9. Phthalic anhydride
10. Gas cylinder /hydrogen, chloromethyl, acetylene, ammonia, anhydride, liquid air, liquid oxygen/
11. Barium and its compounds
12. Lead gasoline

13. Benzene, toluene, xylene, complex alcohols
14. Bitumen
15. Mineral glass, slag cotton and products made therefrom
16. Explosives and explosive devices
17. Compressed gas butane, propane
18. Hexachlorane and DDT in paper packaging
19. Granozan
20. Ground graphite, graphite in pieces, folded in pieces
21. Incineration /waste of casting production facility/
22. Dextrin
23. Diatomite
24. Dinitrobenzene, dinitrochlorobenzene and paranitrochlorobenzene
25. Dichloroethane in glass containers
26. Wheat loadable /without containers/ in closed buildings
27. Ashes
28. Extinct lime
29. Non-extinct lime minced and in shards
30. Chloride lime
31. Products made of asbestos, coal, refractory materials and abrasives without packaging
32. Metallic potassium and sodium
33. Calcium chloride in moulding, loadable and unloadable
34. Calcium carbide, calcium cyanamide
35. Carburettors
36. Rubber substance
37. Sediment in strainer
38. Acids in glass containers, as well as loadable and unloadable
39. Tempered semi-finished products of cement production
40. Salted semi-finished products from the leather and intestines
41. Coke and coke grit
42. Kalashnikov powder loadable
43. Sulfur stone
44. Bone - raw and ground - piled and in bags
45. Cresol - loadable and unloadable
46. Organo-quartz compounds
47. Copperas /iron, copper, zinc/
48. Bird droppings
49. Ice
50. Magnesite
51. Essential oil, sea lion oil
52. Chalk in a pile
53. Mineral fertilizers (nitrogen, potash, phosphorus) in a pile and paper containers
54. Arsenic and its compounds, arsenic cinders
55. Meat and meat products, refrigerated in refrigerators, sea meat and animal meat, whole
56. Sodium fluoride in plywood drums
57. Naphthalene in briquettes and bags
58. Unsweetened alcohol in glass containers
59. Non-metallic minerals: asbestos, quartz, plaster
60. Oil and petroleum products /loadable and unloadable/
61. Sodium nitrate in bags
62. Montane wax /ozokerit/, loadable or in bags
63. Oxides of non-ferrous metals, loadable or in bags
64. Organic compounds of mercury, lead and salts thereof
65. Flour and grain production waste, feed-stuff, loadable
66. Oakum, loadable or bound
67. Products and mines generating hydrogen sulphide and other gases
68. Special chemical products
69. Radioactive substances and raw material for them
70. Fish and seafood, salted and frozen, in boxes, coffers, bags, fish meal and fish oil, loadable or unloadable
71. Lead burn, paste, lead oxide

71. Lead burnt, paste, lead oxide
72. Sulphur
73. Silicate block
74. Bluing
75. Ice and salt mixes
76. Caustic soda, calcined and lake
77. Manganese, chromium and food salt
78. Fiberglass
79. Metal dust and sawdust, piled up
80. Sulphuric acid
81. Dry and battered paints containing toxic substances without hermetic packaging
82. Tobacco - unpacked, tobacco powder in piles or bags
83. Talc, loadable
84. Container for toxic substances
85. Technical carbon /soot/
86. Toluidine
87. Coal, hot shale and inert dust
88. Rubber vulcanisation accelerators /captax, altax, tiuran/ in plywood drums or wooden boxes
89. Metal and secondary waste
90. Faeces, rotting and dust generating waste and animal carcasses
91. Phenol in glass containers, as well as loadable and unloadable
92. Flux /limestone, dolomite/ of the main production of ferrous metallurgy
93. Flux for zinc and lead production
94. Phosphorus in barrels
95. Milling peat in closed buildings
96. Chloroform in glass containers
97. Chlorox in glass containers
98. Cement, loadable or in bags
99. Ground refractory clay
100. Sludges, slags emitting dusty and suffocating gases and steams
101. Logs, columns and other wooden items impregnated with anti-rot substances
102. Base, loadable and unloadable, basic elements in glass containers
103. Carbon electrodes unpacked
104. Ethyl liquid
105. Toxic chemicals not included in this Annex
<b>III. Communication</b>
1. Assembly, repair and operational and technical maintenance of radio masts (radio towers) and antenna feed installations
2. High-altitude climbing operational and technical maintenance and repair works of overhead lines of communication and installation of a radio
3. Permanent works in underground communication facilities
4. Welding of cables with lead, polyethylene, polyvinyl chloride films
5. Maintenance of sewage communication facilities
6. Operational and technical maintenance of transmitting installations operating within a wave range of one cm to ten meters inclusive in a frequency range of 30 MHz to 30,000 GHz inclusive
7. Charging of acid and alkaline batteries (accumulators)
8. Impregnation of wood with anti-rot substances and works on installation of columns, transoms and cross-head clamp impregnated with anti-rot substances
9. Works on maintenance of television transmission facilities, powerful radio and television transmitters, equipment of private television companies, accident prevention, antenna mast and energy services
10. Works on repair, maintenance, operation and management of central radio relay lines
11. Works on maintenance and operation of the main radio relay station
12. Works on maintenance, operation and management of the production laboratory of radio relay lines
13. Works on maintenance and operation of elevators of the TV tower of radio and television transmission centre (H=308 m)
14. Works on maintenance, operation and management of radio relay station and stations with one satellite reception

## IV. Energy

### I. Energy

1. Maintenance of electricity generating equipment and automation in boiler house, turbine, boiler-and-turbine workshops (sites) of thermal power plants, oil industry facilities for fuel supply
2. Manual preparation and filling of chemical reagents, managing the process of chemical purification and desalination of water for the supply of heating networks and steams of boilers, restoration of filters with acids, salts and alkalis, preparation and dosing of chlorinated lime solution, chlorination of water in fountain pools and cooling systems
3. Maintenance of measuring, monitoring and control systems equipment (automatic devices, regulators, technological protection, blocking, signalling devices, etc.) in boiler house, turbine, boiler-and-turbine, fuel supply workshops (sites)
4. Oil intake and re-injection in thermal power plants
5. Transformation in thermal circuits by tours in boiler house, turbine, boiler-and-turbine workshops (sites), control of the operating equipment
6. Operation of bridge crane in boiler house, turbine, boiler-and-turbine workshops (sites)
7. Cleaning of boilers in cold condition
8. Brick setting of boilers in hot condition
9. Maintenance of floors and platforms in boiler house, turbine, boiler-and-turbine, fuel supply workshops (sites), cleaning of external surfaces of equipment
10. Maintenance of underground heat conductors, structures of heating networks and thermal entrances
11. Maintenance and repair of equipment of diesel and locomobile power plants installed in closed constructions
12. Repair of heat pipelines and structures of heating networks
13. Maintenance and repair of equipment installed in the body of underground hydroelectric power plants and dams
14. Thermal insulation facing of boilers and heat pipelines in thermal power plants and heating networks
15. Repair of devices operating for electric power, automation, measuring devices, relay protection and automation equipment in boiler house, turbine, boiler-and-turbine, fuel supply workshops (sites), oil industry facilities, tunnels and heat-and-power supply chambers
16. Testing of power plants, electric networks and open switchgears, electrical appliances of 220 kV voltage and above and measuring the parameters
17. Maintenance and repair of overhead lines without removing voltage in non-conductor parts
18. Timber preservation works
19. Maintenance of heat network, boiler devices in boiler house, turbine, boiler-and-turbine workshops (sites)
20. Repair of mercury devices
21. Welding of cable lead wires, cable lead connectors and membranes, repair of air (oil, gas) switches, oil transformers
22. High-altitude climbing works in the course of repair of equipment of overhead lines and power sub-stations

### II. Nuclear energy

1. Maintenance of electricity generating equipment and automation in workshops (sites) of boiler house of nuclear power plants, turbine (turbines operating with non-radioactive steam), oil industry
2. Manual preparation and filling of chemical reagents, feeding the circuit of nuclear power plants, managing the process of chemical purification and desalination of water for the supply of boilers, heating networks and steamers, restoration of filters with acids, salts and alkalis, preparation and dosing of chlorinated lime solution, chlorination of water in fountain pools and cooling systems
3. Maintenance of measuring, monitoring and control systems equipment (automatic devices, regulators, technological protection devices, blockings, signalling systems, etc.) of boiler house, turbine (operating with non-radioactive steam), fuel supply workshops (sites)
4. Oil intake and re-injection in nuclear power plants

5. Transformation in thermal circuits by tours in boiler house, turbine (operating with non-radioactive steams) workshops (sites), control of the operating equipment
6. Operation of bridge crane in boiler house, turbine (operating with non-radioactive steams) workshops (sites)
7. Cleaning of boilers in cold condition
8. Brick setting of boilers in hot condition
9. Maintenance of underground heat conductors, structures of heating networks and thermal entrances in nuclear power plants
10. Maintenance and repair of diesel and locomobile power plants installed in closed constructions
11. Repair of heat pipelines and structures of heating networks in nuclear power plants
12. Thermal insulation facing of boilers and heat pipelines in heat networks of nuclear power plants
13. Repair and setting of electricity generating equipment, automation, measuring devices, relay protection and automation operating in boiler house, turbine workshops (sites), oil industry facilities, tunnels and heat-and-power supply chambers of nuclear power plants
14. Testing of electrical appliances of nuclear power plants (turbine operating with non-radioactive steam), electric networks of 220 kV voltage and above and open switchgears, and measuring the parameters
15. Maintenance and repair of overhead lines without removing voltage in non-conductor parts
16. Timber preservation works
17. High-altitude climbing works in the course of repair of equipment of overhead lines and power sub-stations
18. Cleaning, construction and repair works in turbine workshops (sites) of nuclear power plants
<b>III. Employees of the Geological Analytical Laboratory</b>
Employees of the "ANALITIK" laboratory
1. X-ray and X-ray diffraction analyses engineer
2. Chemical substances preparation and dissolution engineer
3. Chemical substances preparation and dissolution laboratory technician
4. Chemical substances preparation and decomposition technician
5. Atomic absorption photometers engineer, laboratory technician
6. Atomic absorption photometers laboratory technician
7. Sample crushing and grinding laboratory technician
8. Sample crushing and grinding technician
9. Engineer of melting samples of analyses for determination of fineness
10. Laboratory technician of melting samples of analyses for determination of fineness
11. Capilation and glow engineer
12. Capilation and glow chemist-laboratory technician
13. Precious metals dissolution engineer
14. Precious metals dissolution chemist-laboratory technician
15. Laboratory technician for segregation of minerals in heavy solutions
<b>IV. Geology employees</b>
Open mineral works and surface works
1. Workers
Work on open ore deposits, open-pit mines, mines, hydraulics, floating mines, washers on the surface of mineshafts, ore deposits and drainage wells
Works on industrial areas of construction mineshafts, ore deposits, open ore deposits, open-pit mines, mines, floating mines, subways, underground channels of tunnels and other underground structures. Mining works on land recultivation, drilling of technical wells, underground fires, preventing and extinguishing fires in terricone and stripping dumps
Miners of all titles occupied with the selection of samples and retrieval of explosives at production sites, as well as in mine surveyor and geological works
2. Digging face workers
3. Diggers occupied with stripping and cleaning works
4. Timber man
Drilling rigs operators
5. Drilling rigs operators of full cross-section drilled wells of mineshafts

6. Installers of mineral equipment
7. Mining drills setup personnel
8. Washers of geological test samples
9. Shaftmen in super-structure works of hydraulics and washers of open ore deposits, open-pit mines, ore deposits, mineshafts, ore deposits, open ore deposits, open mining administrations, open-pit mines, floating mines, subways, tunnels, underground channels and other underground structures, industrial facilities of mineshafts construction
Works on surfaces of open ore deposits, open-pit mines, mineshafts and ore deposits
10. Geologists, regional geologists
11. Geophysicists
12. Hydrogeologists, regional hydrogeologists
13. Chief geologists
14. Chief engineers and their deputies /assistants/
15. Chief mine surveyors and their deputies
16. Chief mechanical engineers, their deputies /assistants/
17. Chief electricians, their deputies /assistants/
18. Chief specialists in energetics, their deputies /assistants/
19. Directors /heads/, their deputies /assistants/ responsible for production, construction /in open ore deposits, open-pit mines/
20. Engineers engaged in shifts in production facilities
21. Mining engineers /leading, 1-2 class, with no class/ performing works in underground conditions
22. Mine surveyors, site mine surveyors
23. Drill foremen
24. Drill site foremen /senior foremen/
25. Mining foremen
26. Drilling rigs operators
<b>V. General works</b>
1. Electric welding, manual welding, gas welding, gas cutting works on automatic and semi-automatic machines
2. Isolation of surfaces with fiberglass, cindering, asbestos, asphalt paste, bitumen paste, perchlorvinyl and bakelite materials
3. Works using acid-resistant vinyl plastic and rubber coating, as well as raw faolite and asbovinyl
4. Fastening of structures and parts using a fastening gun
5. Indoor painting works with nitro paints and benzene, toluene complex alcohols and other harmful chemicals, as well as the preparation of components of these paints
6. Fire-resistant coating of metal structures through guns and cast using vinyl acetate, ammonium, polyphosphate and other harmful chemicals
7. Anti-corrosion coating of metal structures with materials containing epoxy, phenolformaldehyde and other harmful chemical components
8. Maintenance and repair of acid accumulators
9. Stamp forging works of hot processing of metals, as well as works on hot metal supply to presses, hammers, bending and horizontal forging machines in mass production workshops
10. Chlorination and ozonation, emergency restoration works of water supply and drainage systems located at a depth of more than three metres
11. Technical inspection and tour of water-sewage networks and constructions located thereon
12. Removal of sediments on sewage constructions
13. Manual plaster mortar coating and surface lubrication

## V. Mining industry

Extraction of useful minerals
Underground works of extraction of useful minerals in mineshafts, ore deposits and mines and in construction thereof, including
1. Managers of mine administrations equivalent to mineshafts, ore deposits and mines
2. Chief architects
3. Chief mechanical engineers

4. Chief specialists in energetics
5. Directors, heads
6. Workers, managers, specialists and staff who are occupied in underground works for 50% or more of the annual working time /during the calculation period/
7. Geologists
8. Chief geologists
9. Chief engineers of minshafts and construction departments and departments equivalent thereto, their deputies /assistants/ responsible for production, underground construction and safety equipment
10. In-minshafts /minshafts/ traffic controllers
11. Mine dispatchers
12. Managers of mining operations
13. Managers of underground warehouses of explosives
14. Deputy chief engineers /assistants/
15. Deputies /assistants/ of directors /heads/ of minshafts, ore deposits and mine administrations with the right of mines, responsible for production
16. Deputies /assistants/ of chief mechanical engineers, chief specialists in energetics
17. Mining and technical site inspectors in minshafts, ore deposits and mines /underground works/
18. Mine surveyors
19. Mechanical engineers /chief mechanical engineers, shift mechanical engineers/
20. Heads of departments of minshafts and construction and departments equivalent thereto, their deputies /assistants/ responsible for production and underground construction
21. Mining regulators
22. Technical managers, their deputies /assistants/
23. Electricians /senior electricians/
24. Electromechanical engineers /chief electromechanical engineers/
25. Managers and specialists of departments, expeditions, offices and other organisations and their branches, which perform works in underground conditions, who are occupied in underground works for 50% or more of the annual working time / during the calculation period/
26. Chief engineers, their deputies /assistants/ responsible for production
27. Chief mine surveyors, their deputies
28. Chief mechanical engineers, their deputies
29. Chief specialists in energetics, their deputies
of departments /expeditions, offices and branches of organisations/, including
30. Heads of departments /expeditions, office and branches of organisations/, responsible for production
31. Regulators of mining site
32. Electric mechanical engineers
33. Electricians
34. All employees engaged in supporting the above-mentioned workers and officers /medical staff of underground medical centre, underground telephone communication staff, etc./ in underground conditions during the full working day
Underground works on construction, reconstruction, technical re-equipment and capital renovation of mine openings, subways, underground channels, tunnels and other underground structures, including:
35. Electrical locksmiths /locksmiths/ on duty and maintaining the equipment
36. Chief engineers, their deputies responsible for production, underground construction, safety equipment
37. Chief mine surveyors, their deputies
38. Mine surveyors of all titles
39. Heads of departments, their deputies responsible for underground construction of production
40. Heads of minshafts, their deputies /assistants/
41. Mining regulators
42. Underground sites technicians
43. Technical managers, their deputies /assistants/
44. Underground site electric mechanical engineers, their deputies /assistants/

45. Sample collectors - managers and specialists /commanding personnel/ in mineshafts /ore deposits/
46. Mine rescue squad commanders, their deputies /assistants/
47. Headquarters commanders, their deputies /assistants/

## VI. Chemical production

I
Chlorine production
Employees of lime and carbonic acid production workshop
1. Head of the workshop
2. Technologist
3. Duty foreman
4. Workshop foreman
5. Kilning unit operator
6. Crane operator
7. Operator of raw material preparation, semi-finished products and product releasing unit
8. Compression units operator
9. Operator of preparation of chemical solutions
Employees of caustic soda production and brine preparation workshop
10. Head of the workshop
11. Deputy head of the workshop
12. Compression units operator
13. Operator of raw material preparation, semi-finished products and product releasing unit
14. Cleaning worker
15. Steaming unit operator
16. Centrifugation unit operator
17. Cooling unit operator
18. Neutralisation unit operator
19. Operator of preparation of chemical solutions
20. Cleaning worker
Employees of domestic salt electrolysis workshop for the production of chlorine
21. Head of the workshop
22. Deputy head of the workshop responsible for technical equipment
23. Head of the administrative site of electrolysis electric gas dehumidification and acid
24. Bathtub assembly site foreman
25. Duty foreman
26. Remote control operator
27. Electrolysis unit operator
28. Compression units operator
29. Chlorine gas dehumidification unit operator
30. Pumping installation operator
31. Locksmith-repairman
Employees of brine extraction, transportation, treatment and preparation workshop
32. Technologist
33. Equipment repair foreman
34. Electric gas welder
35. Shift foreman
36. Carbonisation unit operator
37. Remote control operator
38. Settlement unit operator
39. Locksmith-repairman
Employees of hydrochloric acid production workshop
40. Head of the workshop
41. Deputy head of the workshop
42. Shift foreman
43. Synthesis unit operator
Employees of chlorine liquefaction, hypochlorite production and chlorine

dehumidification workshop
44. Head of the workshop
45. Head of liquid chlorine production unit
46. Shift foreman
47. Compression units operator
48. Head of hypochloride unit
49. Absorption unit operator
50. Gas dehumidification unit operator
Employees of mechanical, energy meter, testing equipment and automation services
51. Heads of services
52. Repairing foreman
53. Locksmiths
54. Electric gas welder
Employees of chlorine production laboratory
55. Head of the laboratory
56. Senior chemist
57. Chemists
58. Shift chemist
59. Chemical analysis laboratory technician
Employees of solid and liquid waste utilisation and industrial wastewater treatment workshop
60. Head of the workshop
61. Technologist
62. Shift foreman
63. Combustion unit operator
64. Absorption unit operator
65. Gas treatment unit operator
66. Locksmith-repairman
67. Electric gas welder
Employees of chloroprene production laboratory
68. Head of the laboratory
69. Senior chemist
70. Chemists
71. Shift chemist
72. Chemical analysis laboratory technician
Employees of air distribution, technical water cooling and nitrogen compression site
73. Air distribution unit operator
74. Gasometric machines operator
75. Pumping installation operator
Employees of oxygen cylinders repair and filling site
76. Site foreman
77. Cylinder filler
78. Locksmith-repairman / for cylinders/
79. Locksmiths for all the services of oxygen workshop
Employees of clean nitrogen production site
80. Air distribution unit operator
81. Gasometric machines operator
Employees of oxygen workshop laboratory
82. Head of the laboratory
83. Chemist
84. Chemical analysis laboratory technician
Employees of methane pyrolysis workshop
85. Head of the workshop
86. Deputy head of the workshop
87. Shift foreman
88. Pyrolysis unit operator
89. Head of the site
90. Compression units operator
91. Pumping installation operator
Employees of pyrolysis segregation workshop

92. Head of the workshop
93. Deputy head of the workshop
94. Shift foreman
95. Gas segregation unit operator
96. Gas pumping machines operator
97. Site foreman
98. Distillation unit operator
Employees of mechanical, energy meter, testing equipment and automation services for acetylene production
99. Heads of services
100. Repairing foreman
101. Locksmith-repairmen
102. Electric welder
Employees of acetylene production laboratory
103. Head of the laboratory
104. Senior chemist
105. Shift chemist
106. Chemical analysis laboratory technician
Employees of mechanical, energy meter, testing equipment and automation services of production of rubber technical items
107. Heads of services
108. Locksmith-repairmen
109. Electric gas welders
110. Repairing foremen
Employees of rubber technical items production laboratory
111. Production engineer
112. Senior laboratory technician
113. Mill operator
114. Compression operator - vulcaniser
115. Recycler of rubber items
Employees of mechanical, energy meter, testing equipment and automation services of the production of rubber technical items
116. Mechanical engineer
117. Repairing foreman
118. Locksmith-electrician
Employees of rubber mixtures preparation workshop
119. Head of the workshop
120. Deputy head of the workshop
121. Head of the site
Employees of composite materials and adhesives production site
122. Head of the workshop
123. Deputy head of the workshop
Acetic acid production workshop and employees of the air, nitrogen condensation, waste incineration and water preparation site
124. Head of the workshop
125. Shift foreman
126. Oxidation unit operator
127. Distillation unit operator
128. Crystallization unit operator
129. Head of the site
130. Combustion unit operator
131. Pumping installation operator
Acetic acid production services and employees of the laboratory
132. Heads of services
133. Locksmith-repairman
134. Electric gas welder
135. Head of the laboratory
136. Senior chemist
137. Chemical analysis laboratory technician
Employees of the workshop for the storage and delivery of soft waters, raw materials, finished products
138. Head of the site
139. Shift foreman

140. Regeneration unit operator
141. Operator of chemical treatment of waters
142. Repairman-locksmith
143. Operator of raw material preparation, semi-finished products and product releasing unit
144. Pumping installation operator
145. Senior chemist
146. Chemist
147. Shift chemist
148. Chemical analysis laboratory technician
Employees of rubber production laboratory
149. Head of the laboratory, senior chemist
150. Chemist
151. Shift chemist
152. Chemical analysis laboratory technician
153. Chemical analysis laboratory technician - mill operator
Employees of wastewater treatment, waste utilisation, calcium chloride preparation and ethynol varnish distillation workshop
154. Head of the workshop
155. Deputy head of the workshop
156. Mechanic
157. Shift foreman
158. Locksmith-repairman
159. Liquid treatment unit operator
160. Coagulation unit operator
161. Chemical solutions preparation unit operator-treatment worker
162. Head of the site
163. Wastewater treatment unit operator
164. Lime extinction unit operator
165. Gas deflation machines operator
166. Electric gas welder
Refrigeration workshop employees
167. Head of the workshop
168. Mechanic of the workshop, deputy head
169. Senior foreman of measuring and testing equipment and automation
170. Foreman of measuring and testing equipment and automation
171. Shift foreman
172. Locksmith-repairman
173. Electric gas welder
174. Locksmith of measuring and testing equipment and automation
175. Refrigeration unit operator
176. Compression unit operator
177. Head of the site
178. Repairing foreman
Employees of mechanical repair workshop
179. Sharpening worker
180. Locksmith-repairman
181. Electric gas welder
182. Blacksmith
183. Foremen
184. Rigger
185. Sheet metal worker
186. Head of the laboratory
187. X-ray-defectoscopy inspector
Employees of anti-corrosion site
188. Rubber coater - vulcaniser
189. Brick-layer - acid-resistance staff
190. Locksmith-repairman
191. Site foreman
Employees of water supply, heating supply, sewage and "Blue Lake" complex maintenance workshop
192. Locksmith-repairman

Employees of electrical appliances repair workshop
193. Locksmith-electrician repairing electrical appliances
194. Electrician repairing /wrapping and isolating/ electric machines
195. Electrical machines maintenance electrician
Employees of power supply, intra-workshop cable network and high-voltage electrical appliances current repair workshop
196. Shift foreman
197. Site foreman
198. Electrical appliances maintenance electrician
199. Cableman-welder
200. Electrical appliances maintenance and repair electrician
201. Lead welder
202. Battery technician
Communication hub employees
203. Cable man
204. Line equipment electrician
205. Lead cable welder
206. Automated and telephone station maintenance and repair electrician
207. Battery technician
Employees of construction repair workshop
208. Stove-maker
209. Thermal insulation operator
210. Roofer
211. Concrete worker
212. Constructor-painter
213. Painter working with nitro paints
214. Carpenter
215. Waller
216. Plasterer
217. Constructor-carpenter
218. Locksmith-constructor
219. Lining and acid tolerance operator
220. Measuring and testing equipment and automation workshop
221. Measuring and testing equipment and automation locksmith
222. Electric gas welder
Motor transport workshop employees
223. Coppersmith
224. Electric gas welder
225. Locksmith-assembler
226. Electrical appliances locksmith
Employees of raw material and finished product preservation and release site
227. Raw material preparation and semi-finished product, product transportation operator
228. Locksmith-repairman
229. Electric gas welder
Employees of administrative site
230. Kiln worker
231. Shoe maker of occupational footwear
232. Environment improvement worker
Consumer service employees
233. Degreasing unit operator
234. Laundry and outwear washer
Militarized gas rescue detachment
235. Detachment commander
236. Post commander
237. Squad commander
238. Fighters
239. Mechanic-electrician
Medical unit employees
240. Doctor - laboratory technician
Employees of supply and delivery division
241. Carrier-worker

Employees of technical supervision division
242. Head of the laboratory
243. Senior chemist
244. Chemist
245. Shift chemist
246. Chemical analysis laboratory technician
247. Vulcaniser
248. Locksmith-repairman
249. Rubber mixtures mill operator
250. Quality controller
Monomers laboratory employees
251. Head of the laboratory
252. Leading engineer
253. Scientific worker
254. Junior scientific worker
255. Senior laboratory technician
Analytical laboratory employees
256. Head of the laboratory
257. Leading scientific worker
258. Scientific worker
259. Senior laboratory technician
Polymer laboratory employees
260. Chief scientific worker
261. Leading scientific worker
262. Scientific worker
263. Senior laboratory technician
Employees of technical maintenance site
264. Glazer
Sanitary laboratory employees
265. Head of the laboratory
266. Senior chemist
267. Chemist
268. Chemical analysis laboratory technician
<b>II. Vitamin production</b>
Employees of "C" workshop
1. Head of the workshop
2. Head of the laboratory
3. Head of the shift
4. Chemist
5. Foreman
6. Laboratory technician
7. Machine operator
8. Equipment operator
9. Auxiliary workers
Employees of "E" workshop
10. Head of the workshop
11. Head of the laboratory
12. Head of the shift
13. Chemist
14. Foreman
15. Laboratory technician
16. Machine operator
17. Equipment operator
18. Auxiliary workers
Employees of "D-3" workshop
19. Head of the workshop
20. Head of the laboratory
21. Head of the shift
22. Chemist
23. Foreman
24. Laboratory technician
25. Machine operator

26. Equipment operator
27. Auxiliary workers
Employees of auxiliary workshop s
28. Head of the workshop
29. Head of the laboratory
30. Head of the shift
31. Chemist
32. Foreman
33. Laboratory technician
34. Machine operator
35. Equipment operator
36. Auxiliary worker
37. Gas welder
38. Electric welder
39. Repairing locksmiths
40. Energetic engineer- electrician attached to workshops

### **VII. Light industry**

1. Gumming specialist
2. Employees preparing chemical solutions
3. Employees preparing paints
4. Paint bathtubs and containers washer
5. Workers cleaning dust chambers and air duct
6. Raising-screeching machine operator
7. Combing machine operator
8. Drum cleaner
9. Painting and whitening workshops workers
10. Combing machines cleaning workers
11. Workers cleaning and sharpening the heads of combing machines
12. Workers mixing the fuzz
13. Drying equipment workers
14. Vaporiser
15. Whipping workers
16. Decorating workers
17. Fabric heat treating workers
18. Gumming specialist working with organic solutions and water mixtures
19. Colourist
20. Leather raw material primary processing workers
21. Leather processing, colouring, degreasing workshop workers
22. Workers working with organic solutions, rubber, latex glue and other toxic substances

### **VIII. Machine industry**

<b>I. Casting production</b>
Employees of casting production
1. Caster casting under pressure
2. Metal and casting caster
3. Liquid cast iron filler
4. Metal filler
5. Metalworker-farmer
6. Fusing model filler
7. Casting machine foreman
8. Casting machines heat treating specialist
9. Metal model designer
Forge press works
10. Pressing machine and dungeon blacksmith
11. Moulding blacksmith
12. Forging blacksmith
13. Forge press equipment debugger
14. Liquid metal cutter

15. Thermal processing
16. Cyanic mortar neutraliser
17. Cyanic salt sorter
18. Lead basins heat treating specialist
19. Cyanic basins heat treating specialist
20. Thermal high-frequency installation thermal cleaner
21. Metal plating and enameling
22. Electroplating
23. Electroplating bathtub controller
24. Enamel mass grinder
25. Metalworker of copper and copper alloys
26. Enamelled items kilning specialist
27. Hot-dip galvaniser
28. Lead coating specialist
29. Enamel powder preparing specialist
30. Enamelling specialist
31. Welding works
32. Gas cutter
33. Gas welder
34. Acetylene installation specialist
35. Welding site crane operator
36. Acetylene installations, pipeline locksmith
37. Electric welder
Painting works
38. Painting materials and paint preparing specialist
39. Painter
40. Varnisher
41. Surface flattener and cleaner
42. Employee working with reflective paints
Employees of cable production
43. Armouring of cables
44. Rubber mix developer
45. Insulating mass boiler
46. Electroinsulating varnishes boiler
47. Wire twister
48. Isolator
49. Wire and cable varnisher
50. Hot casting site crane operator
51. Cable kilning specialist
52. Lead coated cable winder
53. Cable and wire heat treating specialist
Employees of radio parts production
54. Muffle furnaces and gas burners maintenance specialist
55. Hermeticity testing specialist
56. Magnetic wires marker
57. Radio parts varnisher
58. Bobbin winder
59. Radio parts welder
60. Electroconductive mass maker
61. Radio parts silversmith
62. Radio parts polisher - debugger

### **IX. Production of construction materials**

Asbestos production employees
1. Taggers
2. Bulldozer drivers working in ore warehouses of enriching factory
3. Ventilator and extraction plant operators working in extraction plants
4. Auxiliary workers working in enriching workshops /sites/
5. Asbestos-enriching equipment controllers
6. Locksmith-repairing staff repairing asbestos enriching equipment
7. Lubricators lubricating the equipment in enriching workshops /sites/

8. Electric gas welders working in technological workshops of enriching factories
9. Electricians of all titles working in technological workshops of enriching factories
10. Electrical locksmiths /locksmiths/ on duty and responsible for repair of equipment
11. Mechanical engineers in technological workshops of enriching factories
12. Specialists in energetic of technological workshops of enriching factories

### **X. Police service**

1. Bomb technician - expert
2. Radiocentre operator
3. Wiretapers

### **XI. Emergency situation service**

<b>I. Rescue works</b>
1. Rescuers, rescue force manager - works performed in emergency sites
<b>II. Works performed in biologically affected centres</b>
1. Doctor-infectious disease specialist, microbiologist-laboratory technician, technical worker - research works of biologically affected centre
<b>III. Works performed in chemically, radiologically, biologically affected and irradiated centres</b>
1. Chemist-laboratory technician, chemist-biologist, chemist-dosimetrist, chemist-radiologist - checking possible chemically, biologically and radiologically affected samples in laboratory conditions
2. Chemist-aidman - works on disinfection of outfit of personnel working in the source of infection in special treatment point outside the source of infection
<b>IV. Works performed in chemically, radiologically, biologically affected and irradiated centres</b>
1. Manager of fire fighting, head, deputy head of fire fighting unit - determination of the type, location and the level of chemically, radiologically, biologically affected and irradiated centres, assessment of the threat of ways of spread of radioactive infection
<b>V. Works performed in high mountain regions</b>
1. Rescuers, manager of rescue forces, fire fighting manager, deputy head of fire fighting unit, chief security officer, squad commander, senior firefighter, firefighter, driver - rescue operations, fire investigation, during which the type and size of the fire, terrain relief, speed and direction of fire spread, both further possible development of the fire and the process of extinguishing it are determined
<b>VI. Works related to milling units and fans</b>
1. Rescuers, machine operator, locksmith, electric welder, gas welder; perform machine operating, locksmith, welding and metal cutting works in metal cutting workshops
<b>VII. Diving and water rescue operations</b>
1. Water rescuers - water rescue operations
<b>VIII. Fire extinguishing and fire fighting works</b>
1. Fire fighting manager, chief security officer, squad commander, senior firefighter, firefighter, driver - fire extinguishing operations in unfavourable conditions (at low temperatures and strong winds), in buildings and constructions (children's institutions and schools, cultural and entertainment institutions, high buildings, museums, libraries, archives, exhibitions and computing centres)

### **XII. Civil aviation**

1. Aviation technicians and engine mechanics of all titles who are directly involved in the maintenance of aircraft, including the aircraft used in aviation chemical works using toxic chemicals
2. Aircraft jet fuel and lubricating oils filling specialist
3. Gas pump unit operators working in charging stations for ensuring the preparation of aircraft flights
4. Aircraft washers using chemical reagents and solvents
5. Specialists repairing units, equipment, aircraft engines using ethyl gasoline

after aviation chemical works
6. Staff performing works with filling and dumping the ethyl gasoline and other fuel-oil substances and other high-risk chemicals
7. Staff performing manual cleaning of containers containing ethyl gasoline and other fuel-oil substances and other high-risk chemicals
8. Specialists in regeneration of utilised aviation oils
9. Drivers of special vehicles ensuring the operation of aircraft
10. Technical staff of the laboratory of the aviation technical base
11. Employees performing the repair and charging of acid and alkaline batteries
12. Vulcanisers performing repair works with heating method
13. Gas welding and gas cutting specialists
14. Electric welders
15. Engineers of technical control division
16. Locksmiths
17. Painters
18. Employees performing installation, repair and operational and technical maintenance for radio masts /radio towers/ and antenna-feeder equipment
19. Employees performing high-place operational and technical maintenance and repair works for communication and radiofixation overhead lines
20. Employees performing permanent works in underground communication facilities
21. Employees performing welding of cables with polyethylene, polyvinylchloride and lead films
22. Employees performing maintenance of sewage communication facilities
23. Employees performing operational and technical maintenance of radiolocation, radionavigation and radio transmission equipment operating within a wave range of one cm to ten metres inclusive in a frequency range of 30 MHz to 30,000 GHz inclusive
24. Employees, dispatchers, dispatcher-instructors, senior dispatchers, flight managers who directly control the traffic with maximum air traffic intensity or air traffic complexity in airport zones, air station dispatcher regional, local centres
25. Employees of aviation meteorology
26. Employees of electrical technical and lighting flight support
27. Employees of aviation hygiene and anti-epidemic division
28. Employees of X-ray research division
29. Employees of ultrasound study division
30. Employees of clinical laboratories
31. Employees of dermatovenereal room
32. Employees of disinfection centre

### **XIII. Urban development**

1. Excavator operators
2. Bulldozer operators
3. Crane operators
4. Compressor operators
5. Compactor operators
6. Drillers
7. Bricklayers
8. Asphalt and concrete layers
9. Welders
10. Locksmiths
11. Collector-locksmiths
12. Painters and plasterers
13. Construction assemblers
14. Construction renovation assemblers
15. Metalworkers
16. Lathe operators
17. Milling machine operators
18. Farmers
19. Steelfixers
20. Carpenters

#### **XIV. Healthcare and Social Security Institutions**

1. Occupational hygiene and radiation safety, environmental and communal hygiene units of the State Hygiene and Anti-Epidemic Inspectorate of the Ministry of Health of the Republic of Armenia
2. Physician-hygienists of territorial and regional centres of the State Hygiene and Anti-Epidemic Inspectorate of the Ministry of Health of the Republic of Armenia
3. Epidemiological, bacteriological, virological institutions, laboratories, units
4. Physician-epidemiologists of territorial and regional centres of the State Hygiene and Anti-Epidemic Inspectorate of the Ministry of Health of the Republic of Armenia
5. X-ray, medical radiological /all profiles/units, departments, cabinets, Dermatovenerologic hospitals, cabinets
6. Tuberculosis and anti-tuberculosis hospitals, dispensaries, cabinets, health resorts
7. Psychiatric, neuropsychiatric departments, cabinets
8. Barooperating theatres
9. Micro operating theatres
10. Forensic Expert Institutions
11. Pathoanatomical institutions, departments, cabinets
12. Specialised medical and social expert commissions for mentally ill persons /MSEC/
13. Physiotherapeutic departments, cabinets, watering places
14. Anesthesiology and reanimation, intensive therapy departments, wards
15. Wards, cabinets, departments for burns, acute poisoning, use of artificial kidney
16. Departments for patients with purulent complications
17. Laboratories /units, departments, clinical, serological, bacteriological, biochemical/
18. Blood transfusion stations, blood conservation departments
19. Chemotherapeutic, laser, computer departments
20. Underground healthcare institutions, departments, cabinets
21. Departments carrying out treatment and care of newborn and prematurely-born children
22. Hospitals, departments carrying out care and treatment of patients with organic lesions of central nervous system /paralysis, stroke, deaf-dumbness, visual and disorder/
23. Brigades providing urgent and emergency assistance to mentally ill and infectious patients, drivers with duties of aidman
24. Psychiatric /psychoneurological/ medical preventive institutions
25. Head of medical department of specialised orphanages, deputy director for medical work, doctor, nurse (except for dieticians and pharmacy nurses), physical education instructor, special educator (including speech therapist, visual impairment specialist, surdo-teacher, oligophrenopedagogy specialist), methodologist-co-coordinator, social educator, social worker, educator, group educator, psychologist, babysitter, maid, washer (washer-ironer), hairdresser
26. Head of medical department of a special type nursing home, doctor, nurse (except for dieticians and pharmacy nurses), therapeutic physical education instructor, psychologist, social worker, educator, specialist in occupational therapy, event organiser, aidman, guard of the department, washer (washer-ironer), hairdresser
27. Social worker, social pedagogue, educator, methodologist co-ordinator, ergotherapist, group leader (as per directions), specialist in occupational therapy, special educator (including speech therapist, visual impairment specialist, surdo-teacher, oligophrenopedagogy specialist), psychologist (including special psychologist, behavioural therapist), maid, nanny, psychiatrist, nurse, adaptive physical culture specialist exclusively in organisations providing care and social rehabilitation services for people with intellectual and mental problems (including autism)

#### **XV. Water Economy**

1. Developers of cast iron
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2. Gas welders
3. Casters and electric welders, paint and solvent users
4. Water quality testers
5. Sewage removers
6. Study of the Arpa-Sevan tunnel and its current repair

## **XVI. Graphic Arts Production**

<b>I. Employees of Graphic Arts Production</b>
1. Copyist of printing templates
2. Employees working with cutting equipment
3. Assemblers engaged in negatives and diapositives assembly
4. Manual stackers on machines (all types) and stackers on typesetting machines
5. Rearranger on all types of printing machines
6. Press operators of all forms of printing
7. Template acceptors on machines and units
8. Printing and stamping operator
9. Bookbinders and persons working with thermosetting adhesives
10. Photographers working in moulding workshops
11. Engineering and technical and other employees working in photo-technical, moulding and printing workshops /units/
12. Aligners, electricians, locksmiths engaged in repair and maintenance of polygraphic equipment of photo-technical, moulding and printing workshops /units/
13. Lithographic artist
14. Heads and specialists
15. Notebook printing machines
16. Typesetter of line casting machines

## **XVII. Archive-keeping**

1. Head of laboratory
2. Engineer of laboratory
3. Senior supervising foreman of laboratory
4. Supervising foreman of laboratory
5. Head of laboratory department
6. Master copyist of laboratory
7. Master restorer of laboratory
8. Master bookbinder of laboratory
9. Master disinfector of laboratory
10. Worker
Employees of film-, photo-, phono- documents and branch office for insurance copies
1. Head of branch
2. Deputy head
3. Head of division
4. 1-3 class fund keeper
5. 1 class, leading, chief archivist
6. Film editing operator
7. Sound operator
8. Film-, photo-, photo- equipment maintaining mechanic
9. Air conditioning system technician
10. Underground archival repository electrician
11. Underground archival repository cleaner

## **XVIII. Preservation of Monuments**

### **Study and Measurement of Monuments, Fortification, Repair, Restoration**

1. Passportisation specialist of monument
2. Specialist studying the technical state of monument
3. Materials scientist

4. Architect restorer
5. Restorer designer
6. Frescoer
7. Stonemason-bricklayer
8. Carpenter foreman
9. Worker

#### **XIX. Film Production**

1. Negative assembly specialist
2. Positive assembly specialist
3. Mechanic maintaining film production equipment /except for laboratory/
4. Painter-decorator
5. Subtitle typographer
6. Maker of pyrotechnic products
7. Engineering and technical workers of recording and editing, filming equipment workshops
8. Scenery maker-decorator
9. Technicians maintaining audio equipment
10. Mechanic engaged in repairing complex film equipment used in film production
11. Mechanics imitating various phenomena of nature
12. Photosensitive tape charger
13. Film copy picker
14. Technical control supervisor
15. Mass positive supervisor
16. Supervisor preparing film materials for duplication
17. Workers permanently employed in tape processing workshop
18. Film-phototape cutter
19. Specialist for installing, adjusting light and colour
20. Electrocopy maker

#### **XX. General Professions**

1. Cashiers counting and sorting cash
2. Collectors

#### **XXI. Sector of Atomic Energy Use**

Employees of the State Committee on Nuclear Safety Regulation adjunct to the Government of the Republic of Armenia

1. Chairperson of the Committee
2. Deputy Chairpersons of the Committee
3. Head of the Staff of the Committee
4. Inspectors
Works under conditions of ionising radiation
1. Specialists for radiation safety
2. Specialists for radiometric and dosimetric measurements

***(Annex amended, edited, supplemented by No 1378-N of 11 December 2014, amended by No 1588-N of 30 November 2017, supplemented, amended by No 980-N of 6 September 2018, edited by No 466-N of 25 April 2019, supplemented by N 1540-N of 7 November 2019)***

**Chief of Staff  
of the Government  
of the Republic of Armenia**

**D. Sargsyan**

**Annex N 2  
to Decision of the Government  
of the Republic of Armenia  
No 1698-N of 2 December 2010**

**LIST**

**OF SPECIFICALLY HEAVY, SPECIFICALLY HARMFUL INDUSTRIES, WORKS, PROFESSIONS AND POSITIONS**

**I. Agriculture**

<b>I. Plant Breeding</b>
1. Workers carrying out chemical (toxic substances) control works against plant pests, diseases and weeds (spraying, pollination, preparation of working fluid)
2. Persons conducting expertise in determining the active substance in toxic substances
<b>II. Veterinary</b>
1. Works with farm animal diseases of rabies, brucellosis, tuberculosis, paratyphoid, equinia, ornithosis, botulism, tetanus, food-and-mouth disease, smallpox, anthrax, salmonellosis, leptospirosis, toxoplasmosis, tularemia, listeriosis, viral encephalitis, hemorrhagic fever, and infectious diseases, as well as works with disease-causing adenoviruses and endoviruses, live pathogens, as well as workers engaged in pathoanatomical, radiological, biochemical, toxicological, veterinary disinfection, study of hides (for the Askoli reaction) in relation to anthrax, utilization of animal carcasses, production of viral bacterial biovaccines and antibiotics for animal husbandry
<b>III. Transport</b>
1. Persons carrying out automated fight works against weeds, pests and diseases of agricultural crops
2. Pesticides and fertilizer storekeepers, salesmen and workers
<b>IV. Food and Processing</b>
1. Foremen and senior foremen carrying out internal cleaning of reservoirs, tanks and cisterns
2. Workers employed in rock salt mines
3. Workers occupied with loading and unloading in fermentation chambers in tobacco production and other workers maintaining the chambers
4. Permanent workers in workshops using chloroform, dichloroethane, benzole, diesel oil and other organic solvents
5. Workers engaged in thermal insulating of hot parts and pipelines of technological equipment
6. Workers engaged in carbon dioxide production

**II. ENVIRONMENTAL PROTECTION**

<b>I. Geological Exploration Works</b>
<b>Mine Shafts, Ore Deposits, Mines</b>
Underground works of extraction of useful minerals in mineshafts, ore deposits and mines, in geological exploration, in drainage wells, in construction of mineshafts, ore deposits, mines, including:
1. All workers engaged in full-time underground works
2. Managers and specialists of underground sites
3. Managers of mineshafts, ore deposits and mine administrations with rights to mines
4. Chief engineers
5. Chief mechanical engineers
6. Chief specialists in energetics
7. Directors, heads
8. Workers, managers, specialists and staff who are occupied in underground works for 50% or more of the annual working time /during the calculation period/
9. Miners in geological works
10. Miners in surveying works
11. Well log analysts
12. Timber men
13. Geologists
14. Site geologists
15. Chief geologists
16. Geophysicists
17. Hydrogeologists
18. Chief engineers of mining and construction departments and departments

equivalent thereto, their deputies/assistants for production, underground construction and safety equipment
19. Chief mine surveyors, their deputies
20. Deputies /assistants of directors /heads/ of mineshafts, ore deposits and mine administrations with rights to mines, responsible for production
21. Mine surveyors
22. Site mine surveyors
23. Managers and specialists of departments, expeditions, offices and other organizations and their branches, which perform works in underground conditions, who are occupied in underground works for 50% or more of the annual working time /during the calculation period/
24. Chief engineers, their deputies /assistants/ responsible for production
25. Chief mine surveyors, their deputies
26. Chief mechanical engineers, their deputies
27. Chief specialists in energetics, their deputies
28. Site mine surveyors
29. Foremen, mineral foremen
30. Mechanical engineers
31. Heads of departments /expeditions, offices and branches of organisations/, their deputies responsible for production
32. Sites heads, their deputies/ assistants/
34. All employees engaged in supporting the above-mentioned workers and officers during the full working day underground /medical staff of underground medical centres, underground telephone communication staff, etc./
35. Engineers responsible for mining works in underground sites
36. Sites mineral foremen
37. Mechanical engineers of underground sites
38. Heads of shifts
39. Sites heads, their deputies /assistants/
40. Heads of mineshafts, their deputies /assistants/
41. Mining regulators
42. Technical managers, their deputies/assistants/
43. Electric mechanical engineers of underground sites, their deputies /assistants/

### **III. Transport**

1. Regulation of the speed of movement of wagons by braking with the help of brake spiders, assembly and approach of brake spiders to braking positions, adjustment of wagons for adhesion in sorting tracks /lines/, disconnection and connection of wagons with brake spiders and hand brakes at sorting stations
2. Emptying and filling of terns
3. Processing of cylindrical barrels using steam, hot water, solvents in washing-steaming stations (points and trains)
4. Works on filling the devices with mercury, emptying the mercury from the devices, cleaning and determining the amount of mercury
5. Works carried out only during night hours in tunnels and other underground structures of subway
6. Filling the valves of the emptying devices of cylindrical barrels
7. Overhead repair and maintenance works of contact network equipment, high-voltage power transmission lines, automatic control blocking equipment, lighting equipment on light poles, rope, suspension and portal constructions at railroads yards
8. Washing of freight wagons transporting raw materials of animal origin, animals, dust-emitting loads, pesticides and mineral fertilisers
9. Major repair of the escalators of subway tunnels directly in inclined tunnels

### **IV. Energy**

<b>I. Energy</b>
1. Cleaning of boilers in hot condition
2. Maintenance and repair of mercury rectifiers
3. Maintenance and repair of electrical equipment of overhead power transmission lines and substations in current live parts
4. Works carried out with the use of radioactive and ionising materials and

7. Works carried out with the use of radioactive and ionising materials and during operation and testing of X-ray facilities
<b>II. Atomic Energy</b>
1. Operation of bridge cranes in reactor, turbine (radioactive steam turbines), reactor-turbine-specific water treatment workshops (sites)
2. Sampling of products containing radioactive materials and analysis thereof
3. Maintenance of heat network, boiler equipment working with radioactive steam
4. Cleaning of production buildings of main (first) circuit of nuclear power stations
5. Maintenance of electric power equipment and auxiliary systems of main (first) circuit in reactor, turbine, reactor-turbine, chemical workshops (sites)
6. Maintenance of special water and gas treatment, ventilation, hot and cold air supply systems and facilities in the buildings of main (first) circuit of nuclear power plant
7. maintenance and repair of nuclear fuel and other materials, goods handling, transport-technological equipment in reactor rooms (units)
8. maintenance of measuring equipment monitoring and control (automatic devices, regulators, technological protection, blocking, signalling and other devices) in reactor, turbine (radioactive steam turbines), reactor-turbine special water-treatment workshops (units)
9. repair and adjustment of reactor, turbine (working with radioactive steam) electric power equipment, automatics and measuring equipment, relay protection and automatics operating in turbine, reactor fuel supply workshops (units)
10. Repair of equipment contaminated with radioactive materials, processing of materials and parts
11. Acceptance-delivery of instruments, equipment, materials and parts contaminated with radioactive materials
12. Deactivation of equipment and facilities contaminated with radioactive materials, acceptance and treatment of special outwear, footwear and other necessary protection means
13. Radiation dose monitoring in the building of main (primary) circuit of nuclear power plant
14. Collection, transportation, processing and disposal of radioactive waste
15. Repair and construction works carried out in main (primary) circuit of nuclear power plant
16. Cleaning of boilers in hot condition
17. Maintenance and repair of current live parts of substations, overhead electric transmission lines and electrical equipment
<b>III. General Works</b>
Diving works

## V. Mining Industry

### Extraction of Useful Minerals

Underground works of extraction of useful minerals in mineshafts, ore deposits and mines and in construction thereof, including:
1. All workers engaged in full-time underground works
2. Managers and specialists of underground sites
3. Workers, managers, specialists and staff who are occupied in underground works for 50% or more of their annual working time /during the calculation period/
4. Fire-bosses
5. Miners in geological works
6. Miners in surveying work
7. Well log analysts
8. Timber men
9. Workers and specialists engaged in assembly, dismantling, repair and adjustment of equipment
10. Electrical fitters /fitters/ on duty and responsible for equipment repair, engaged in maintenance of pipes, wells and cranes
11. Site geologists
12. Engineers engaged in shifts
13. Adjustment and testing engineers (leading, of category 1-2 and

uncategorised) carrying out works in underground conditions
14. Local mine surveyors
15. Foremen engaged in drainage, communications and aerial economy works
16. Mineral foremen of production sites
17. Supervising foremen /senior foremen/
18. Foremen of production sites
19. Mechanical engineers lifting crane installations /mechanical engineers responsible for lifting /
20. Heads, deputy heads of shaft sinking of mineshaft /mining workshop/
21. Heads of shifts
22. Sites heads, their deputies /assistants/ carrying out works in underground conditions
23. Mineral site regulators
24. Adjustment and testing technicians of all specialities /1-2 categories and uncategorised/ carrying out work in underground conditions
25. Mineral engineers engaged in labour protection and safety techniques
26. Site mine surveyors
27. Foremen, mineral foremen
28. Mechanical engineers
29. Sites heads, their deputies /assistants/
Underground works of construction, reconstruction, technical re-equipment and capital renovation of mine openings, subways, underground canals, tunnels and other underground structures, including:
Workers
30. Steel fixers
31. Concrete workers
32. Blast hole drillers
33. Shot lighters
34. Drivers of vehicles /airplanes/
35. Underground miners
36. Insulators
37. Timber men
38. Winch operators
39. Bulldozer operators
40. Operators of drilling rigs
41. Crane operators
42. Operators of railmotor cars
43. Operators of pumping stations
44. Loading machine operators
45. Operators of underground self-propelled vehicles
46. Operators of underground vehicles engaged in "blind" pits
47. Operators of mobile scaffolds
48. Operators of drilling complexes
49. Operators of scrapers
50. Operators of scraper winches
51. Operators of bucket excavators engaged in drilling
52. Operators of electric locomotives
53. Machine operators of ventilation units engaged in drilling
54. Shaftmen
55. Powdermen
56. Deckmen
57. Transport worker
58. Chasers
59. Electric and gas welders
60. Electricians serving substations, who are engaged in drilling
61. Electric welders with automatic and semi-automatic machines
62. Electric welders of manual welding
63. Wiremen-installers of underground mining equipment
64. Electrical locksmiths of drilling
65. Workers, managers, specialists and staff who are occupied in underground works for 50% percent or more of the annual working time /during the calculation period/
66. Miners in surveying works

67. Mining equipment installers engaged in drilling
68. Engineers responsible for mining works at underground sites
69. Sites mineral foremen
70. Shift mechanical engineers
71. Mechanical engineers of underground sites
Managers and specialists
72. Heads of shifts
73. Sites heads, their deputies /assistants/
74. Workers, managers and specialists engaged in full-time open-pit operations in open-pit mines, except for workers engaged in super structure works
Workers of mineral wax/coal wax/ and ozokerite production
Workers
75. Operators of mineral wax production
76. Operators of casters
77. Workers engaged in manual ozokerite filling
Managers and specialists
78. Foremen, senior foremen, managers of workers listed in Annex No 1
Mine rescue parts /stations/
Workers
79. Rescue men
80. Sample collectors in mineshafts /ore deposits/
81. Platoon commanders, their deputies /assistants/
82. Squad commanders, their deputies /assistants/

**VI. Preparing, Enriching, Crushing /Agglomerating, Briquetting, Hardening/, Roasting of Ores and Non-Metallic Minerals**

Workers
1. Agglomerators
2. Bunkermen engaged in the supply of hot agglomerate and pellets
3. Melters
4. Hot agglomerate unloaders
5. Powder unloaders
6. Gas men
7. Agglomerating and roasting furnace men
8. Screenmen-rabblers
9. Dosers engaged in filling in crushing departments
10. Hot return dosers
11. Crushing workers engaged in crushing hot agglomerate
12. Furnace operators engaged in transfer of hot agglomerate and pellets
13. Crane operators engaged in transfer of hot agglomerate and pellets
14. Operators of coolers
15. Operators of vanes engaged in hot agglomerate
16. Operators of mixer drums engaged in works with ore, the dust whereof contains 2% or more crystalline /free/ dioxide of flint, hot return works
17. Operators of electric locomotives of quenching cars
18. Kiln workers
19. Workers engaged in mixing of mineral and non-metallic minerals containing 2% or more crystalline (free) dioxide of flint in dust /including mixing in the production of pellets/
20. Workers engaged in crushing, grinding, sorting and enriching of ferrous metal and non-metallic mineral ores and mining and chemical raw materials containing 2% or more of crystalline (free) dioxide of flint in dust
21. Bunkermen, screenmen, dosers, crushers, conveyor operators, mill operators, feeder operators engaged in supply of dry raw materials
22. Conveyors engaged in delivery of hot agglomerate and pellets
Managers and specialists
23. Foremen, senior foremen engaged in hot sites and sites of crushing, chopping, grinding, mixing of ores and non-metallic minerals containing 2% or more crystalline /free/ dioxide of flint in dust.

**VII. Metallurgical Production /Ferrous Metals/**

Plant furnace production workers
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blast furnace production workers
Workers
1. Leadmen of bunkers
2. Leadmen of charging machines
3. Bunkermen of blast furnace
4. Derrickmen of blast furnaces
5. Plumbers of blast furnaces
6. Gas men of blast furnaces
7. Stokers of desulphuration of cast iron
8. Stokers of blast furnaces
9. Loaders engaged in unloading of hot agglomerate in bunkers
10. Ladlemen
11. Operators of scale-cars employed in tunnels and stockhouses
12. Crane operators of metallurgical production engaged in hot works
13. Operators of charging machines
14. Operators of electric block-and-tackles engaged in hot works
15. Operators of mixture serving employed in bunkers and stockhouses
16. Operators of electric locomotives of metallurgical workshops working in tunnels
17. Refractory men engaged in hot works
18. Skipmen
19. Sling operators employed in hot works
20. Furnace charge transporters engaged in deliver of furnace charge to not fully mechanised blast furnaces
21. Waste collectors of metallurgical production, engaged in collection of furnace dust and cleaning of gas ducts
22. Slaggers
Managers and specialists
23. Foremen, senior foremen, engaged in hot sites works
Workers of steel and ferroalloy production involved in preparation of compositions and repair of metallurgical furnaces
Workers
24. Leadmen of mould yards
25. Pitch cookers engaged in cooking tar and drying the floor
26. Cupolamen
27. Gas workers
28. Keepers of ferroalloy furnaces
29. Furnace charge loaders
30. Hot metal stampers engaged in manual stamping and stamping the stock material in the end
31. Ladlemen
32. Hydro-cleaning and lubrication operators of moulds
33. Distributor (without remote control) operators
34. operators of charging machines
35. Machinists of fettling machines
36. Crane operators of metallurgical production employed in hot works
37. Operators of fire treatment machines
38. Operators of charging machines
39. Operators of electric block-and-tackle engaged in hot works
40. Operators transporting hot metal
41. Operators of mixing machines
42. Gatherer of stoppers
43. Kiln workers employed in ferroalloy production
44. Handlers of metal surface defects
45. Refractory men engaged in hot works
46. Operators of continuous casting of stock material engaged in hot works /filling panel, gas cutting, main station, disposal mechanisms/
47. Operators of control desks engaged in hot metal finishing
48. Deoxidants furnacemen
49. Synthetic slags furnacemen
50. Ferroalloys furnacemen
51. Persons preparing rolling stocks for filling with fuse
52. Persons preparing fosses

53. Workers assisting converter steelworkers
54. Workers assisting steelworkers of open-hearth melting furnaces
55. Workers assisting steelworkers of steel ladle metallurgy facilities
56. Workers assisting steelworkers of electroslag installations
57. Workers assisting steelworkers at electrical furnaces
58. Glowing workers
59. Fillers of steel
60. Repairing locksmiths engaged in hot repair of ferromanganese and ferrovanadium ferroalloy furnaces
61. Converter steelworkers
62. Steelworkers of open-hearth melting furnaces
63. Steelworkers of steel ladle metallurgy facilities
64. Steelworkers of electroslag installations
65. Steelworkers of electrical furnaces
66. Sling operators engaged in hot work sites
67. Thermists of mill products and pipes engaged in manual loading of hot metal or constantly engaged in hot works
68. Ferroalloy cleaners
69. Charge makers engaged in maintenance of furnaces for ferromanganese, ferrovanadium and manganese steels
70. Cinder pitmen
71. Electrode makers
72. Electric welders welding manually, engaged in adding ferromanganese and ferrovanadium smelting ferroalloy furnace casings
Managers and specialists
73. Foremen, senior foremen, engaged in hot work sites
Manufacture of rolling, railway wheel, tyre rolling, fork rolling, sheet rolling mills, tin plating, galvanizing, lead plating. Manufacture of rail fastenings, hot metal cutting and treating. Heat treatment.
Manufacture of calibrated metal
Workers
74. Aluminisers
75. Crystallising operators engaged in production of copperas
76. Neutralisation operators engaged in works involving hydrochloric acid
77. Recovery operators engaged in works involving hydrochloric acid
78. Centrifuge operators engaged in production of copperas
79. Operators of electrolytic degreasing
80. Rollers of sizing mills engaged in hot rolling
81. Rollers of cage assembly and transfer constantly engaged in transferring cages in hot work sites
82. Rollers of hot rolling mills
83. Pitch makers
84. Gas workers
85. Gas cutters engaged in cutting the ends of rolled products in a hot state
86. Loaders of heat-treating furnaces
87. Glowing workers engaged in manual loading
88. Tug-stackers
89. Hot metal stampers engaged in hand stamping or in stamping stock material ends
90. Boiler cleaners engaged in cleaning furnaces and tunnels
91. Smiths on hammers and presses
92. Smith-stampers
93. Smith-stampers on rotary machines
94. Sheet metal cutters
95. Hot form tinmen
96. Electric tinmen /galvanisers/
97. Operators of loading machines engaged in hot work sites
98. Crane operators in metallurgical production engaged in hot works
99. Operators of fire treatment machines
100. Operators on hammers, presses and manipulators
101. Press operators engaged in hot works
102. Operators of reverse steam engines of rolling mills engaged in hot rolling
103. Operators of electric block-and-tackles engaged in hot works

104. Metal heaters
105. Handlers of metal surface defects
106. Refractory men engaged in hot works
107. Operators of control bases engaged in hot works
108. Operators of continuous pickling, degreasing, tinning, galvanising, varnishing and firing units control bases engaged in pickling, tinning, alumina-galvanizing, lead-plating, galvanising departments
109. Control base operators of hot rolling mills
110. Lead makers
111. Hot form galvanisers
112. Workers assisting rollers of hot rolling mills
113. Metal oven loaders
114. Roll and pipe handlers engaged in hot works
115. Wheels and tyre compression operators engaged in hot works
116. Moulder-sewers of rail accessories engaged in hot stamping
117. Workers engaged in hot form rolling, bending and riveting of pipes
118. Hot metal cutters
119. Sling operators engaged in hot work sites and works in hazardous conditions
120. Heat treatment operators of rolls and tubes engaged in manual loading or permanently engaged in hot work sites
121. Etchers
122. Hot metal collectors
123. Waste collectors of metallurgical production, engaged in collection of oxide film during hot rolling of metal
124. Roll arrangers engaged in hot works
125. Cinder pitmen
Managers and specialists
126. Foremen, senior foremen, engaged in hot work sites

### **VIII. Metallurgical Production/Nonferrous Metals/**

Workers preparing raw materials and admixture in briquettes in copper plants and factories
Workers
1. Crushers
2. Furnace charge loaders
Burning, Waelz process
Workers
1. Operators-hydrometallurgists
2. Bunkermen
3. Crushers
4. Burning furnace loaders and unloaders engaged in hot works
5. Furnace charge loaders engaged in hot works
6. Operators /hoisters/ in boiler houses engaged in the hot work sites
7. Operators of grinding mills engaged in grinding of calcines
8. Operators of feed tracks
9. Kiln workers
10. Refractory men engaged in hot works
11. Stove-setters on blast furnaces
12. Stove-setters of nickel powder recovery
13. Sling operators engaged in hot work sites
14. Transport workers
15. Transport workers engaged in hot works and in elevator servicing
16. Managers and specialists
17. Foremen /senior foremen/
Baking of furnace charge
Workers
18. Agglomerators
19. Hot agglomerate unloaders
20. Stokers of agglomerating and burning
21. Screenmen

22. Screenmen-rabblers
23. Hot return regulators
24. Crushers
25. Furnace charge loaders
26. Operators of cranes /hoisters/ engaged in the hot sites
27. Operators of grinding mills
28. Operators of air exhausters
29. Kiln workers
30. Developers of secondary stag
31. Glowing workers
32. Stirrers
33. Sling operators engaged in hot site works
34. Transport workers engaged in hot agglomerate reloading
35. Collectors of slag and circulatory agglomerate
36. Furnace chargers engaged in furnace charging of agglomerates
Managers and specialists
37. Foremen /senior foremen/
Workers drying furnace charge and middlings
Workers
38. Bunkermen
39. Loaders
40. Stokers of technological furnaces
41. Drying operators
42. Transport workers
Managers and specialists
43. Foremen, senior foremen in case managing the workers of this sub-division
Receipt of metal by smelting and electro-thermal methods
Workers
44. Hot agglomerate unloaders
45. Unloaders on the dump engaged in transferring hot slag
46. Crushers
47. Furnace charge loaders
48. Blowers
49. Stokers of technological furnaces
50. Crane operators /hoisters/ engaged in hot site works
51. Operators of feeders engaged in workshops
52. Operators of filling machines
53. Refractory men engaged in hot works
54. Furnacemen
55. Fillers of non-ferrous metals and lead-tin alloys
56. Sling operators engaged in hot site works
57. Transport workers engaged in transporting hot metals
58. Collectors of slag and reverts engaged in transporting hot slag
59. Product cleaners engaged in cleaning silicon
60. Furnace chargers
61. Electrode makers engaged in electric furnaces and refineries
Managers and specialists
62. Foremen /senior foremen/
Metal refining
Workers
63. Bunkermen
64. Furnace charge loaders
65. Stokers of technological furnaces
66. Crane operators /hoisters/ engaged in hot site works
67. Operators of electric block-and-tackles engaged in hot site works
68. Kiln workers
69. Furnacemen
70. Fillers of non-ferrous metals and lead-tin alloys
71. Sling operators engaged in hot site works
72. Slagmakers
Managers and specialists
73. Foremen /senior foremen/

Hydrometallurgy, liquidation, production of cadmium and copperas
Workers
74. Instrument control men-hydrometallurgists
75. Instrument control men of preparing artificial scheelite
76. Acid stabiliser - gummer
77. Operators of grinding mills engaged in dry grinding
78. Kiln workers
79. Solderers on viniplast
80. Solderers on lead /lead solderers/
81. Furnacemen
82. Furnace workers producing zinc copperas
83. Repulpers
84. Chlorinators
85. Pot operators of aqueous solutions
Managers and specialists
86. Foremen /senior foremen/
Workers in the production of carbon substances, masses and items derived therefrom
Workers
87. Gas workers
88. Dosers
89. Loaders-unloaders of burning and graphitising furnaces
90. Anode pouring men
91. Crane operators /hoisters/ engaged in burning, calcination and graphitising
92. Operators of grinding mills
93. Operators of shifting plants
94. Operators of electric block-and-tackles engaged in burning, calcination and graphitising
95. Kiln workers
96. Refractory men engaged in hot repairing
97. Pitch melters
98. Press operators electrode products
99. Glowing workers
100. Impregnators
101. Stirrers
102. Stand makers
103. Sling operators engaged in burning, calcination and graphitising
104. Moulders of electric mass
105. Chlorinators of electrode products
106. Furnace chargers
Managers and specialists
107. Foremen, senior foremen except for those engaged in mechanical processing of electrodes
Production of metals by electrolytic method in metal melting
Workers
108. Anodising operators in aluminium production
109. Drivers of loading machines engaged in transportation of melted metal, fluorides, alumina and chlorination substances
110. Drivers of electric and self-propelled trolleys engaged in transportation of melted metal, fluorides, alumina and chlorination substances
111. Metal emptying and pouring men
112. Loaders engaged in loading and unloading of furnace charge, alumina, fluorines and anode mass
113. Crushers engaged in crushing electrolyte
114. Anode pouring men
115. Cathode makers
116. Welders of non-ferrous metals
117. Operators of compressor stations engaged in chlorine pumping
118. Crane operators /hoisters/ engaged in hot site works
119. Operators of loading elevators
120. Operators of pneumatic transport
121. Operators of filling machines

122. Operators of electric block-and-tackles engaged in hot site works
123. Operators of stud pulling cranes engaged in maintenance of electrolyzers
124. Installers repairing tanks
125. Furnacemen
126. Pouring men of non-ferrous metals and alloys
127. Sling operators engaged in hot site works
128. Moulders of electric mass
129. Bricklaying and chamotte specialists on repairing tanks
130. Chlorinators
131. Chlorine conductors
132. Furnace chargers
133. Electrolyzers of melted salts
134. Wiremen and contact men
Managers and specialists
135. Foremen /senior foremen/
136. Equipment repair foremen engaged in repairing of electrolyzers
Workers in the production of non-ferrous metal powders
Workers
137. Instrument control men in production of metal powder
138. Gas generator manufacturers engaged in manufacture of zinc powder
139. Solderers on viniplast
140. Solderers on lead /lead solderers /
141. Furnacemen in zinc powder production
142. Pilers and packers engaged in packaging of metallurgical powder obtained by metallurgical process
143. Moulders of refractory products engaged in making silicon-carbide items
144. Electrolyzers of aqueous solutions
Managers and specialists
145. Foremen and senior foremen
Workers producing anodes and wirebars
Workers
146. Furnace charge loaders
147. Founders of non-ferrous metals
148. Crane operators /hoisters/ engaged in hot site works
149. Pouring men of non-ferrous metals and alloys
150. Sorting operators engaged in selection of copper and slag
Managers and specialists
151. Foremen, senior foremen
Workers of dedusting and degassing
Workers
152. Operators of air exhausters
153. Operators servicing fume dedusting plants
154. Pilers and packers engaged in packaging of metallurgical powder obtained by metallurgical process
155. Cleaners engaged in cleaning dust-recovery apparatus, furnaces, gas ducts and grates
Managers and specialists
156. Foremen /senior foremen/
Production of rare metals, calcium, magnesium and titanium by metallurgical and chemical metallurgical processes
Workers
157. Agglomerators engaged in cooking furnace charge
158. Instrument control men of all names except for those engaged in producing epitaxial structures and those listed in Annex N 1
159. Displacers of titanium sponge
160. Dosers
161. Loaders and unloaders
162. Stokers of technological furnaces
163. Operators of briquetting machines
164. Crane operators /hoisters/ engaged in hot site works
165. Operators of grinding mills
166. Reaction apparatus installers engaged in the repairing and restoring of

reaction apparatus
167. Refractory men engaged in hot works
168. Precise cutting operators engaged in calibration of semiconductor materials except for those engaged in production of epitaxial structures
169. Furnacemen of iodine filtration
170. Furnacemen of titanium and rare metal recovery and distillation
171. Furnacemen of restitution in thermal manner
172. Furnacemen of processing titaniferous and rare materials
173. Furnacemen of white antimony production
174. Furnace tenders
175. Furnace tenders of barium electrolyte
176. Furnace tenders of electron-beam melting
177. Furnace charge makers of semiconductor materials engaged in alloyage of semiconductor materials, except for those engaged in production of epitaxial structures
178. Glowing workers
179. Persons making hard metal products
180. Sling operators engaged in hot site works
181. Drying operators
182. Refiners engaged in calcium production
183. Chlorinators
Managers and specialists
184. Foremen /senior foremen/
Treatment and processing of non-ferrous and precious metals
Workers
185. Metal pouring men
186. Metal moulders-collectors engaged in casting
187. Founders of non-ferrous metals
188. Crane operators /hoisters/ engaged in hot site works
189. Refractory men engaged in hot works
190. Furnace tenders
191. Casters of non-ferrous metals and alloys
192. Metal cutters with scissors and presses engaged in cutting hot metal
193. Cutters with saw and hand saw engaged in cutting hot metal
194. Sling operators engaged in hot site works
195. Furnace chargers engaged near furnaces
Managers and specialists
196. Foremen, senior foremen
Workers producing and processing silver nitrate, refining and chemically pure precious metals
Workers
197. Instrument control men in producing precious metals
198. Instrument control men in producing hard alloys and hard melting metals
199. Operators of grinding mills
200. Operators servicing fume dedusting plants
201. Glowing workers of non-ferrous metals
202. Furnace tenders
203. Workers engaged in production of silver nitrate and chemically pure, precious metals
204. Drying operators
205. Heat treatment operators
206. Heat treatment operators of high-frequency heating plants
207. Furnace chargers
208. Electrolysers of aqueous solutions
Managers and specialists
209. Foremen, senior foremen
Workers of rolling-mills
Workers
210. Cold metal rollers engaged in lead rolling
211. Smelters of technological furnaces
212. Crane operators /hoisters/ engaged in hot site works
213. Boilmakers of non-ferrous metals

214. Glowing workers of non-ferrous metals
215. Operators of metal spraying of items
216. Straighteners of machines engaged in hot metal straightening
217. Pressers on hydropresses engaged in pressing lead
218. Hot metal rolling mill operators
219. Hot metal cutters
220. Metal cutters with scissors and presses engaged in cutting hot metal and lead
221. Cutters with saws, handsaws and mills engaged in cutting hot metal and lead
222. Cutters of cold metal engaged in cutting lead
223. Sling operators engaged in hot site works
224. Product cleaners engaged in cleaning metals with metal brushes
Managers and specialists
225. Foremen, senior foremen while directing the workers provided for in this sub-section
Workers of pipe pressing, pressing and drawing production
Workers
226. Wire drawers of non-ferrous metals engaged in hot drawing
227. Rollers engaged in flaring hot pipes
228. Smelters of technological furnaces
229. Boilmakers of non-ferrous metals
230. Glowing workers of non-ferrous metals
231. Pressers on hydropresses
232. Profilers
233. Rolling-mill operators engaged in hot rolling
Managers and specialists
234. Foremen, senior foremen while directing the workers provided for in this sub-section
Workers producing zinc powder and zinc oxide
Workers
235. Operators of shifting plants
236. Pilers and packers engaged in packaging of zinc powder and zinc oxide
Managers and specialists
237. Foremen, senior foremen while directing the workers provided for in this sub-section
Workers producing hard alloys and hard melting metals
Workers
238. Instrument control men in production of metal powder engaged in sieving
239. Instrument control men in production of hard alloys and hard melting metals engaged in production of tungsten, cobalt, chromium, molybdenum, nickel and sodium sulphide salts
240. Instrument control men and hydrometallurgists engaged in production of tungsten, cobalt, chromium, molybdenum, nickel and sodium sulphide salts
241. Instrument control men of preparing artificial scheelite
242. Instrument control men of molybdenum waste acidification
243. Instrument control men of recovery furnaces engaged in cobalt recovery
244. Wire drawers of non-ferrous metals engaged in hot drawing /rough drawing/
245. Smiths on hammers and presses
246. Smith-stampers on rotary machines
247. Crane operators /hoisters/ engaged in hot site works
248. Operators of grinding mills
249. Operators of shifting plants
250. Kiln workers
251. Furnace tenders
252. Electron-beam melting furnace tenders
253. Hard alloy pressers engaged in hot pressing
254. Glowing workers
255. Hot metal rollers
256. Impregnators
257. Powder sifters on mechanical sieves
258. Welders of hard melting metal items
259. Welders of hard alloy items

260. Drying operators engaged in drying of powder mixtures
261. Electrolysers of aqueous solutions
262. Electrolysers of melted salts

### IX. Metal Working

Employees of foundry production
Workers
1. Cupola furnacemen
2. Mould displacers
3. Gas workers engaged in gas economy
4. Gas cutters performing cutting works of heads and tapholes
5. Smelters of high-furnaces
6. Persons pouring furnace charge into cupola installation and furnace
7. Metal pouring men
8. Ladlemen
9. Smelters of technological furnaces engaged near melting furnaces
10. Vacuum, centrifugal-vacuum, and centrifugal founders engaged near centrifugal machines
11. Founders of metals and alloys
12. Founders working on press moulding machines
13. Operators of pouring machines
14. Stirring operators
15. Assemblers of stoppers
16. Metal waste glowing workers
17. Cutters engaged in emery and manual /with hammers, cutters, pneumatic tools/cast processing
18. Refractory men engaged in repairing ladles and furnaces in hot state
19. Shaped casting sawers engaged in emery applying works
20. Dusting moulds and metals with powdered sulfur
21. Furnace tenders engaged in servicing of tuyere
22. Furnace tenders of metal and alloys
23. Preparers of steel pouring grooves
24. Workers engaged in spraying moulds with fluoride additive solutions
25. Steel casters
26. Formulators of fluoride additives
27. Steelworkers of all names and the workers helping them except for vacuum furnace steelworkers and the workers helping them
28. Coremakers of machine moulding engaged in making core in heated harness
29. Heat treatment operators engaged in manual loading and unloading of hot metal
30. Transport workers in casting production engaged in hot site works
31. Cleaners in casting workshops engaged in collecting used earth and hot slag in bunkers /tunnels/
32. Hand moulders involved in casting
33. Chlorinators, engaged in implementation of chlorination process of melted metal
34. Cleaners of metal, castings, items and parts engaged in manual processing of cast in rooms and in gas masks
35. Slagmakers engaged in servicing smelting furnaces
36. Electric gas cutters engaged in correcting defects of casts in hot state
Managers and specialists
37. Foremen, senior foremen of casting production sites of melting, filling/emptying, metal mould pouring, cast heat treatment and cutting departments
Employees of press forging
Workers
38. Bandagists engaged in hot works
39. Ship benders engaged in hot site works
40. Tug pilers engaged in turning hot metal in heating furnaces
41. Blacksmiths working with hammers and presses
42. Manual bending blacksmiths

43. Blacksmith-stampers
44. Blacksmith-stampers working on rotary machines
45. Operators working with hammers, presses and manipulators
46. Metal heaters /welders/
47. Adjusters of equipment and units in heat treatment engaged in heat furnaces
48. Processors of metal surface defects working in hot site works
49. Metal oven loaders
50. Pressers on hot stamps
51. Rollers engaged in hot works
52. Springers engaged in processing hot metals
53. Sling operators engaged in catching hot metals
54. Transport workers engaged in transporting /providing, removing/ hot metals
Managers and specialists
55. Foremen, senior foremen of hammer /forge/, press and heat departments, forging press production supports and sites, as well as hot sites of spring production
Employees carrying out heat treatment
Workers
56. Glowing workers engaged in manual loading and unloading of hot metal near furnaces
57. Metal heaters /welders/
58. Cyanide solutions neutralisers engaged in neutralisation of cyanide container and cyanide waste
59. Heat treatment operators constantly engaged in hot works near furnaces
60. Heat treatment operators working in cyan, lead baths and molten salt baths
61. Cleaners engaged in cleaning the baths of cyanide and lead
Managers and specialists
62. Foremen, senior foremen of heating furnaces, glowing, annealing, cementing, etching and heat treatment sites
Employees of abradant production
Workers
63. Crane operators /hoisters/ engaged in abradant melting sites
64. Furnace tenders of abradants
65. Furnace tenders of silicon carbide
66. Electrode makers engaged in furnaces
Managers and specialists
67. Foremen engaged in melting sites of abradants
Other specialties in metalworking
Workers
68. Rollers engaged in bending hot metal in boiler house and shipbuilding works
69. Gas cutters engaged in plasma-arc cutting of metal in hot state
70. Ship gummars engaged in interior works on submarine units during construction and repair
71. Pouring men of lead-tin alloys
72. Painters working in closed rooms, ship compartments, reservoirs
73. Crane operators /hoisters/ engaged in hot site works
74. Coppersmiths constantly engaged in tinning and soldering with lead-containing solders
75. Metal sprayers working in closed rooms and reservoirs
76. Edge cutters performing work inside and outside machines by heating metal and applying a hand-held air-arc trimming
77. Hot form galvanisers
78. Furnace tenders of metals and alloys engaged in melting babbitt and other alloys containing lead
79. Ship cutters engaged in melting propellers made of titanium alloys
80. Sling operators engaged in hot site works
Manual welding electric welders /electric gas welders/ performing electric welding of items by heating
82. Enameller engaged in enamelling of hot cast iron equipment and products of large dimensions (with a capacity of 0.4 square meters and more) by dusting with manual vibrosieves.

## X. Chemical Production

### Employees at a Liquid Chlorine Tankhouse at Production of Chlorine

1. Liquid chlorine cylinders pouring man
2. Employees emptying liquid chlorine cylinders
Employees at the acetylene dimerisation plant for production of chloroprene
3. Head of plant
4. Deputy head of plant
5. Head of catalyst preparation site
6. Shift head
7. Absorption instrument control man
8. Compression installation operator
9. Instrument control man of catalyst synthesis
10. Instrument control man of catalyst preparation
11. Instrument control man of dimerisation
12. Instrument control man of synthesis
13. Sorting operator of Rashig ring
Employees at a plant for rectification and production of chloroprene raw materials
14. Head of plant
15. Head of division
16. Shift head
17. Instrument control man of hydrochlorination
18. Instrument control man of distillation
19. Locksmith-restorer
20. Worker cleaning facilities and equipment
21. Sorting operator of Rashig ring
Employees at a plant for obtaining chloroprene from butadiene
22. Head of plant
23. Deputy head of plant
24. Head of division
25. Shift head
26. Instrument control man of chlorination
27. Instrument control man of decay
28. Instrument control man of homosorption
29. Instrument control man of cleaning liquid ingredients
30. Instrument control man of digestion
31. Instrument control man of distillation
32. Locksmith-restorer
33. Instrument control man for raw material preparation, semi-finished products and product release
Employees of mechanical, energy and measuring-testing equipment and automation services for chloroprene production
34. Heads of services
35. Foremen
36. Crane operator
37. Electric gas welder
38. Locksmith-repairman
Employees in a plant for producing commodity latexes for rubber production
39. Head of plant
40. Deputy head of plant
41. Instrument control man for raw material preparation and product release
42. Instrument control man for washing
43. Transport worker
44. Cleaning worker
45. Shift foreman
46. Instrument control man of polymerisation
47. Worker preparing charging material
48. Electric gas welder
49. Locksmith-repairman
Employees at a plant for producing comonomers for rubber production
50. Head of plant

51. Deputy head of plant
52. Shift foreman
53. Device cleaner
54. Cleaner of Rashig ring
55. Instrument control man of central control panel hydrochlorination
56. Compression installations operator
57. Instrument control man of chlorination
58. Instrument control man of distillation
59. Instrument control man of raw material preparation and semi-finished products release
60. Instrument control man of hydrochlorination
61. Operator of central control panel
Employees at a polymerisation plant for rubber production
62. Head of plant
63. Deputy head of plant
64. Technologist
65. Head of division
66. Head of site
67. Locksmith-repairman for equipment cleaning
68. Device cleaner
69. Cleaner of sewage structures
70. Transport operator
71. Compression installations operator
72. Shift foreman
73. Instrument control man of polymerisation
74. Instrument control man of distillation
75. Instrument control man of saponification
76. Instrument control man of melting colophony
77. Instrument control man of raw material preparation and semi-finished products release
78. Instrument control man of experimental production installations
Employees of rubber separation plant
79. Head of plant
80. Deputy head of plant
81. Shift foreman
82. Repairman-locksmith
83. Instrument control man for graining
84. Instrument control man for dosing
85. Roller of rubber mixtures
86. Instrument control man of raw material preparation, semi-finished products and product release
87. Instrument control man for rubber band forming
88. Instrument control man for drying
89. Operator of stacking machine
90. Transport operator
91. Cleaning worker
Employees of mechanical, energy and measuring-testing equipment and automation services for rubber production
92. Heads of services
93. Foremen
94. Locksmith-repairmen
95. Electric and gas welders
Employees at a plant of rubber technical goods and composition materials
96. Locksmith-repairmen
97. Electric and gas welders
98. Roller of rubber mixtures
99. Compression operator - vulcaniser
100. Shift foremen
101. Instrument control men
Employees anti-corrosion site
102. Worker ensuring acid resistance and rubber covering
103. Roller of rubber mixtures

104. Sandblaster
105. Bricklayer and worker ensuring acid resistance
Service station for water supply, heat supply, sewerage and "Blue Lake" complex
106. Locksmith-repairmen /for prevention and degassing of industrial sewers/
Employees of measuring and testing equipment and automation plant
107. Locksmith-repairmen of measuring and testing equipment and automation /mercury equipment/
Employer of railway transport plant
108. Tank washer

### **XI. Machine Industry**

Employees of foundry production
1. Foundry worker under the pressure
2. Metal and alloys foundry worker
3. Liquid cast iron pouring man
4. Metal pouring man
5. Metal worker-farmer
6. Pouring man of casting models
7. Casting machine foreman
8. Casting machines heat treatment specialist
9. Metal model designer
Forge-and-press works
10. Blacksmith of press and anvil
11. Moulding blacksmith
12. Bending blacksmith
13. Liquid metal cutter
14. Heat treatment specialist
15. Cyanist mortar neutraliser
16. Heat treatment specialist of lead basins
17. Heat treatment specialist of cyanite basins
Metal coating and enamelling
18. Hot procedure galvaniser
Painting works
19. Preparer of dyes and paints
20. Painter — in enclosed area

### **XII. Production of Construction Materials**

Cement production employees
Workers
1. Aspiration makers
2. Loaders of well furnaces
3. Raw material dosers engaged in cement dosing
4. Loaders of furnaces /well/
5. Operators of calcinisers
6. Operators /kiln workers/ of rotary furnaces
7. Operators /kiln workers/ of well furnaces
8. Operators of raw material grinding mills engaged in dry grinding
9. Operators of coal-grinding mills
10. Cement pouring men
11. Operators of cement grinding mills
12. Assistants of operators /kiln workers/ of rotary furnaces
13. Assistants of operators /kiln workers/ of well furnaces
14. Assistants of operators of raw material grinding mills engaged in hot grinding
15. Assistants of operators of coal-grinding mills
16. Assistants of operators of cement grinding mills
17. Hot clinker transport workers
18. Cement packers
19. Cleaners of settling chambers

Employees of asbestos production
Workers
20. Blast hole drillers
21. Loading machine drivers engaged in manual loading of asbestos and bulk loading of asbestos, by-products and waste of concentrating factories
22. Powder unloaders
23. Screenmen
24. Porters engaged in works with asbestos
25. Crushers
26. Laboratory workers of asbestos concentrating production engaged in testing finished products
27. Laboratory workers of physical testing engaged in works with control devices in concentration plants /sites/
28. Operators of crushing-grinding-sorting mechanisms
29. Operators of conveyors engaged in concentration factories
30. Operators of boiler houses /smelters/
31. Crane operators /hoisters/ engaged in technological plants of concentration factories
32. Operators of feeders
33. Operators of weighing and packaging machines
34. Operators of traction equipment and their assistants engaged in loading, transporting and storing by-products of asbestos ores concentration and wastes of concentration factories
35. Excavator operators engaged in delivery and storage of asbestos ores concentration products and wastes of concentration factories
36. Sorters
37. Drying operators
Managers and specialists
38. Foremen, senior foremen of technological plants of concentration factories
39. Site foremen, senior foremen of technological plants of concentration factories
40. Shift foremen, senior foremen of technological plants of concentration factories
Employees of production of mineral cotton
Workers
41. Cupola furnaceman
42. Furnace chargers
Employees of stone casting production
Workers
43. Stone cast items pouring men
44. Stone smelters
45. Refractory men
46. Furnacemen
47. Tunnel-makers

### **XIII. General Professions**

1. Gas cutters engaged in works inside reservoirs, tanks, cisterns and ship compartments
2. Gas welders engaged in works inside reservoirs, tanks, cisterns and ship compartments
3. Caisson makers-instrument control men
4. Caisson makers-drillers
5. Caisson makers-locksmiths
6. Caisson makers-electricians
7. Lead plating specialist
8. Hot solderers and tinsmiths engaged in soldering and tins plating with solders containing lead, as well as hazardous or carcinogenic substances of class I-II
9. Lead solderers
10. Workers engaged in internal cleaning of reservoirs, tanks, cisterns, ship compartments and works in shotblasting chambers in scaphandres and gas masks
11. Workers engaged in internal cleaning of reservoirs, tanks, cisterns, ship

compartments from petroleum products and chemicals
12. Workers and foremen engaged in production of equipment and items containing mercury /in works carried out directly with metallic mercury/, as well as repairing of open metal equipment and apparatus and repairing and maintenance of equipment and apparatus
13. Employees directly engaged in works with microorganisms of 1st group, against which no effective means of prevention and treatment have been developed
14. Etchers engaged in etching metal in solutions containing hazardous or carcinogenic substances of 1st class
15. Cleaners of metal, castings, items and parts engaged in cleaning metal, metal items and parts with dry quartz sand
16. Electric welders with automatic and semi-automatic machines carrying out works with semi-automatic machines inside reservoirs, tanks, cisterns, ship compartments
17. Electric welders of manual welding engaged in works inside reservoirs, tanks, cisterns and ship compartments

#### **XIV. Police Service**

1. Chemist-expert
2. Servicemen of commissioned staff and warrant officers of the police troops serving on the territory of nuclear power plant area

#### **XV. Service in Emergency Situations**

<b>I. Rescue Works</b>
1. Rescuers, head of rescue forces, rescue operations in centres of chemical, biological, radiological poisoning
2. Rescuers, head of rescue forces, non-normative works at the location of emergency situation
<b>II. Works Performed in Biologically Affected Centres</b>
1. Infectious disease physician, microbiologist, nurse for examination of biological materials for research, examination of patients, execution of medical appointments, care of affected persons
2. Doctors, middle and junior medical staff, microbiologists, disinfectors - works in the centre of droplet infection, when the centre develops quickly, has a large scale and requires a large volume of works
3. Doctors, middle and junior medical staff, microbiologists, disinfectors - works in centres of especially dangerous infectious diseases (plague, cholera, smallpox, botulism)
<b>III. Works performed in Chemically, Radiologically, Biologically Affected and Irradiated Centres</b>
1. Chemist-biologist, chemist-dosimetrist, chemist-radiologist, rescuers, head of rescue forces, conducting research in the centre affected by small (moderate) chemical, biological and radiation doses, site deactivation, degassing, sampling
2. Chemist-biologist, chemist-dosimetrist, chemist-radiologist, conducting research in the centre affected by medium (especially dangerous) chemical, biological and radiation doses, site deactivation, degassing, sampling
3. Chemist-biologist, chemist-dosimetrist, chemist-radiologist, conducting research in the centre affected by huge (mortiferous) chemical, biological and radiation doses, site deactivation, degassing, sampling
<b>IV. Works Performed in Chemically, Radiologically, Biologically Affected and Irradiated Centres</b>
1. Head of fire-fighting, security head, squad commander, senior fire-fighter, fire-fighter, driver; works performed in the zone where radioactive aerosols are spread, installation of equipment, combat release and fire-fighting, selecting appropriate fire-fighting materials, i.e. foam and sprinkled water, for it
2. Security head, squad commander, senior fire-fighter, fire-fighter with isolating gas masks, rescue works with protective clothing, construction and technological equipment cooling works
3. Security head, squad commander, senior fire-fighter, fire-fighter with isolating and special gas masks, exploration of the radioactive zone with protective clothing, works performed in the zone where there are toxic gases, vapours and products of thermal decomposition of such substances, for extinguishing whereof special fire extinguishing materials are required

### **V. Works Performed in High-mountain Regions**

1. Rescuers, security head of rescue forces, squad commander, senior fire-fighter, fire-fighter; rescue operations, rescue of people, evacuation of animals and material assets, providing fire hoses for extinguishing and protecting evacuation exits

2. Rescuers, security head of rescue forces, squad commander, senior fire-fighter, fire-fighter; rescue operations, opening and demolition works of structures for eliminating combustion centres

3. Rescuers, security head of rescue forces, squad commander, senior fire-fighter, fire-fighter; rescue operations, works of evacuation of people and animals, as well as material assets from dangerous zones of possible affection of explosive mixtures created as a result of toxic substances, gases and vapours caused by the fire of pesticides and fertilizers

### **VI. Diving and Water Rescue Operations**

1. Water rescuers, diving operations

2. Water rescuers, divers; water rescuers at a depth of 30 metres, diving operations

3. Water rescuers, divers, water rescue, diving operations at a depth of more than 30 metres

### **VII. Operations of Fire Fighting and Fire Extinguishing**

1. Head of fire extinguishing, security head, squad commander, senior fire-fighter, fire-fighter in the zone where radioactive aerosols are spread, in case of presence of explosives, fire fighting operations in chemical oil processing and petrochemical industry facilities

2. Head of fire extinguishing, security head, squad commander, senior fire-fighter, fire-fighter; fire fighting works in warehouses of flammable, combustible liquids and liquefied hydrocarbon gases, peat mines

3. Head of fire extinguishing, security head, squad commander, senior fire-fighter, fire-fighter; fire fighting and rescue works in railway rolling stocks, goods and wagon sorting stations, underground structures of subway

### **XVI. Urban Development**

1. Shot lighter-drillers

### **XVII. Healthcare Institutions**

1. Employees of special dangerous infectious disease prevention institutions, departments, medical epidemiologist-physicians and epidemiologist assistants of border medical and sanitary control points of the Health and Labour Inspection Body of the Republic of Armenia

2. Employees of sanitation /disinfection of infection centres/ institutions, departments

3. Employees of institutions or hospitals or laboratories providing care and treatment for HIV/AIDS patients

4. Employees of infectious diseases departments

5. Employees of dermatovenerological hospitals, departments

6. Narcological institutions

### **XVIII. Cinematography**

Processing of film strip

**(Annex amended by N 327-N of 19 March 2020)**

**Chief of Staff  
of the Government  
of the Republic of Armenia**

**D. Sargsyan**

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**Փոփոխման պատմություն**

**Փոփոխող ակտ**

**Համապատասխան ինկորպորացիան**

**Փոփոխված ակտ**

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