

**STATE CLASSIFIER OF THE SPECIALTIES OF
SECONDARY
VOCATIONAL EDUCATION OF TURKMENISTAN**

Official publication

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Ashgabat

Preface

1. **DEVELOPED** by a working group under the Ministry of Education of Turkmenistan
2. **INTRODUCED** by the Ministry of Education of Turkmenistan
3. **APPROVED AND PUT INTO FORCE** by order of the Main State Service “Turkmenstandartlary” No. _____ dated “ ____ ” _____ 2023.
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Introduction

The State Classifier of Specialties of Secondary Vocational Education of Turkmenistan is an integral part of the Unified System of Classification and Coding of Technical, Economic and Social Information.

The need to revise this classifier is due to amendments to the regulatory framework in the field of secondary vocational education. In accordance with the Law of Turkmenistan “On Education”, a list of specialties of secondary vocational education which is being introduced in which specialists are being trained (or may be trained in the future) in secondary vocational schools of Turkmenistan.

STATE STANDARD OF TURKMENISTAN

**TÜRKMENISTANYŇ ORTA HÜNÄR BILIMINIŇ HÜNÄRLERINIŇ
DÖWLET KLASSIFIKATORY****STATE CLASSIFIER OF SPECIALTIES OF SECONDARY VOCATIONAL
EDUCATION OF TURKMENISTAN****THE CLASSIFICATION OF SECONDARY VOCATIONAL EDUCATION
PREPARATION DIRECTIONS AND SPECIALITIES IN TURKMENISTAN**

Date of introduction _____

1. Area of application

This standard establishes the State Classifier of Specialties of Secondary Vocational Education of Turkmenistan (hereinafter referred to as the Classifier). The classifier is used to solve issues related to:

- regulation of admission, educational activities and graduation in accordance with the educational programs of secondary vocational education;
- determining the demand for personnel in relevant specialties;
- regulation of statistical accounting in the field of secondary vocational education.

2. Basic diagram of the code designation structure

Specialties are united into enlarged groups. To generalize the characteristics of specialties, enlarged groups are combined in the field of education.

The classifier contains codes for areas of education, enlarged groups, specialties, as well as their names.

The Classifier uses a hierarchical classification method and a sequential coding method.

The code designation of the training specialty consists of seven digital characters: X.XX.XX.XX, where:

The 1st digital character corresponds to the code of the field of education;

The 2nd and 3rd digital characters correspond to the enlarged group code;

The 4th and 5th digital characters correspond to the educational level code;

The 6th and 7th digital characters correspond to the code of the specialty of secondary vocational education.

After the code of the area of education, after the code of the enlarged group and after the code of educational level, a dot is put.

The code of the field of education, the code of the enlarged group and the code of educational level are sequential digital codes within the Classifier.

The specialty code is a sequential digital code within the enlarged group and educational level.

When coding an enlarged group as an object of classification, the educational level code and specialty code have the value "00".

When coding the field of education as an object of classification, the code of the enlarged group, the code of educational level and the code of specialty have the value "00".

In the Classifier the following list of areas of education is used:

1. Math and natural sciences
2. Engineering, technologies and technical sciences
3. Healthcare and Medical Sciences
4. Agriculture and Agricultural Sciences
5. Social sciences
6. Education and pedagogical sciences
7. Humanities
8. Art and culture
9. Defense and security of the state. Military Sciences

In the Classifier the following list of enlarged groups is used:

- 1 MATHEMATICS AND NATURAL SCIENCES
 - 1.01 Mathematics and mechanics
 - 1.02 Computer and Information Sciences
 - 1.03 Physics and astronomy
 - 1.04 Chemistry
 - 1.05 Geosciences
 - 1.06 Biological Sciences
- 2 ENGINEERING, TECHNOLOGIES AND TECHNICAL SCIENCES
 - 2.07 Architecture
 - 2.08 Construction equipment and technologies
 - 2.09 Informatics and Computer Science
 - 2.10 Information Security
 - 2.11 Electronics, radio engineering and communication systems
 - 2.12 Photonics, instrumentation, optical and biotechnical systems and technologies
 - 2.13 Electrical and thermal power engineering
 - 2.14 Nuclear energy and technology
 - 2.15 Mechanical engineering
 - 2.16 Physical and technical sciences and technologies
 - 2.17 Chemical technology
 - 2.18 Industrial ecology and biotechnology
 - 2.19 Technosphere safety and environmental management
 - 2.20 Applied Geology, Mining, Oil and Gas Engineering and Geodesy

- 2.21 Materials technologies
- 2.22 Equipment and technologies of ground transport
- 2.23 Aviation, rocket and space technology
- 2.24 Air navigation and operation of aviation and rocket and space technology
- 2.25 Shipbuilding and water transport equipment and technologies
- 2.26 Management in technical systems
- 2.27 Nanotechnology and nanomaterials
- 2.28 Textile and light industry technologies
- 3 HEALTHCARE AND MEDICAL SCIENCES
- 3.29 Fundamental medicine
- 3.30 Clinical medicine
- 3.31 Health Sciences and Preventive Medicine
- 3.32 Nursing
- 3.33 Pharmacy
- 4 AGRICULTURE AND AGRICULTURAL SCIENCES
- 4.34 Agriculture, forestry and fisheries
- 4.35 Veterinary and Animal Science
- 5 SOCIAL SCIENCES
- 5.36 Psychological Sciences
- 5.37 Economics and Management
- 5.38 Sociology and social work
- 5.39 Jurisprudence
- 5.40 Political sciences and regional studies
- 5.41 Mass media and information library business
- 5.42 Service and tourism
- 6 EDUCATION AND PEDAGOGICAL SCIENCES
- 6.43 Education and pedagogical sciences
- 7 HUMANITIES
- 7.44 Linguistics and literary studies
- 7.45 History and archeology
- 7.46 Philosophy, ethics and religious studies
- 7.47 Theology
- 7.48 Physical Culture and sport
- 8 ART AND CULTURE
- 8.49 Art studies
- 8.50 Cultural studies and sociocultural projects
- 8.51 Performing Arts and Literary Creativity
- 8.52 Musical art
- 8.53 Fine and applied arts
- 8.54 Screen arts
- 9 DEFENSE AND SECURITY OF THE STATE. MILITARY SCIENCES
- 9.55 Military Administration

9.56 Ensuring state security

In the Classifier the educational level of secondary vocational education is defined:

02 - secondary vocational education – training of mid-level specialists.

The classifier has been developed in accordance with the International Standard Classification of Education ISCED 2011 (Published in 2013 by the UNESCO Institute of Statistics. R.O. Box 6128 , Succursale Centre -Ville Montreal, Quebec H3C 3J7 Canada).

The following ISCED codes 2011 is assigned to each profession, specialty and area of training:

- code of educational program;
- code of the field of education.

3. Maintaining a classifier

The Classifier is maintained in the following order:

3.1 Ministry of Education of Turkmenistan:

- prepares and approves a list of areas of training, specialties and qualifications of secondary vocational education in Turkmenistan for each academic year in agreement with ministries and departments that have secondary vocational schools;
- if necessary, prepares amendments and additions to the State Classifier;
- notifies users of this standard about amendments made, the procedure and term of their entry into force.

3.2 The main state service “Turkmenstandartlary” approves and registers draft Classifiers and amendments to them.

SPECIALTIES OF SECONDARY VOCATIONAL EDUCATION

Specialties and areas of training		Qualification	ISCED 2011	
Codes	Names		Education al program code	Code of the field of education
1	2	3	4	5
1	MATHEMATICS AND NATURAL SCIENCES			
1.05.00.00	EARTH SCIENCES			
1.05.02.01	Cartography	Technician-cartographer	554	44
1.05.02.02	Hydrogeology	Technician -hydrologist	554	44
1.05.02.03	Meteorology	Technician -meteorologist	554	44
2	ENGINEERING, TECHNOLOGIES AND TECHNICAL SCIENCES			
2.07.00.00	ARCHITECTURE			
2.07.02.01	Architecture	Technician - architect	554	58
2.07.02.02	Restoration of architectural monuments	Technician- architect	554	58
2.07.02.03	Reconstruction of buildings and structures	Technician - architect	554	58
2.08.00.00	CONSTRUCTION EQUIPMENT AND TECHNOLOGY			
2.08.02.01	Industrial and civil engineering	Technician -constructor	554	58
2.08.02.02	Construction and operation of buildings and structures	Technician	554	58
2.08.02.03	Real estate management and examination	Construction technician- manager	554	34
2.08.02.04	Technology for the production of building materials and reinforced concrete structures	Construction technologist	554	58

1	2	3	4	5
2.08.02.05	Production of non-metallic building products and structures	Technician -constructor	554	58
2.08.02.06	Water supply and sanitation	Technician -constructor	554	58
2.08.02.07	Construction and operation of highways and airfields	Technician -constructor	554	58
2.08.02.08	Construction and operation of urban transport routes	Technician -constructor	554	58
2.08.02.09	Installation and operation of indoor plumbing, air conditioning and ventilation	Technician	554	58
2.08.02.10	Installation and operation of equipment and gas supply systems	Technician	554	58
2.08.02.11	Installation, adjustment and operation of electrical equipment of industrial and civil buildings	Technician -electrician	554	58
2.08.02.12	Construction of railways, track and track facilities	Technician -constructor	554	58
2.08.02.13	Heat and ventilation	Technician -constructor	554	58
2.08.02.14	Bridges and transport tunnels	Technician -constructor	554	58
2.08.02.15	Production of construction products and structures	Technologist	554	58
2.08.02.16	Sanitary equipment for buildings and structures	Technician -constructor	554	58
2.08.02.17	Maintenance and operation of residential buildings	Technician for complex maintenance and operation of residential buildings	554	58
2.09.00.00	INFORMATION AND COMPUTER ENGINEERING			
2.09.02.01	Computer systems and complexes	Computer Systems Technician	554	48
2.09.02.02	Computer networks	Computer network technician; Network Technician	554	48
2.09.02.03	Programming in computer systems	Technician-programmer	554	48
2.09.02.04	Information systems ¹	Information Systems Technician; Technician-programmer	554	48

1	2	3	4	5
2.09.02.05	Applied computer science ¹	Technician-programmer	554	48
2.09.02.06	Automated information processing and control systems	Systems technician; Information Systems Technician	554	48
2.09.02.07	Computer graphics and design	Technician-designer	554	48
2.09.02.08	Telecommunications Network Software	Telecommunications Technician	554	48
2.09.02.09	Medical equipment programming	Technician-programmer	554	48
2.09.02.10	Computers, systems and networks	Technician	554	52
2.09.02.11	Maintenance and repair of computer equipment	Electronics technician	554	52
2.09.02.12	Operation of local computer networks	Technician	554	52
2.10.00.00	INFORMATION SECURITY			
2.10.02.01	Organization and technology of information security	Information Security Technician	554	48
2.10.02.02	Information security of telecommunication systems	Information Security Technician	554	48
2.10.02.03	Information security of automated systems	Information Security Technician; Systems technician	554	48
2.10.02.04	Database management ¹	Technician- manager	554	48
2.10.02.05	Information systems and programming ¹	Technician-programmer	554	48
2.11.00.00	ELECTRONICS, RADIO ENGINEERING AND COMMUNICATION SYSTEMS			
2.11.02.01	Radio equipment manufacturing	Radio equipment technician	554	52
2.11.02.02	Maintenance and repair of radio-electronic equipment ¹	Technician; Electronics technician	554	52
2.11.02.03	Technical operation of airport radio equipment	Radar Technician	554	52

1	2	3	4	5
2.11.02.04	Operation of radio communication and electro-radio navigation equipment for ships	Technician; Radio communication and electro-radio navigation technician	554	52
2.11.02.05	Radio engineering complexes and control systems for spacecraft	Radio technician	554	52
2.11.02.06	Audiovisual technology	Technician	554	52
2.11.02.07	Technical operation of transport radio-electronic equipment (by type of transport)	Technician	554	52
2.11.02.08	Radio technical information systems	Radio technician	554	52
2.11.02.09	Means of communication with moving objects	Technician; Telecommunications Technician	554	52
2.11.02.10	Multichannel telecommunication systems	Technician; Multi-channel telecommunications system technician	554	52
2.11.02.11	Radio communications, radio broadcasting and television	Technician; Telecommunications Technician	554	52
2.11.02.12	Communication networks and communication systems	Multichannel telecommunications system technician; Communications technician	554	52
2.11.02.13	Postal service	Postal technician	554	52
2.11.02.14	Solid State Electronics	Technician; Electronics technician	554	52
2.11.02.15	Electronic instruments and devices	Technician;	554	52

1	2	3	4	5
		Electronics Technician		
2.11.02.16	Industrial electronics	Technician; Electronics technician	554	52
2.11.02.17	Electro-optical apparatus engineering	Electronics technician	554	52
2.11.02.18	Operation of equipment for the production of electronic products	Electronics technician	554	52
2.11.02.19	Motor vehicle electronics	Electronics technician	554	52
2.11.02.20	Micro- and nanoelectronic technologies and systems	Technologist	554	52
2.11.02.21	Satellite and terrestrial mobile communications and broadcasting systems	Telecommunications Technician	554	52
2.11.02.22	Organization of trade and services at a postal service enterprise	Postal technician	554	52
2.11.02.23	Medical electronics	Electronics technician	554	52
2.12.00.00	PHOTONICS, INSTRUMENT ENGINEERING, OPTICAL AND BIOTECHNICAL SYSTEMS AND TECHNOLOGIES			
2.12.02.01	Aviation instruments and complexes	Technician; Aviation instrument technician	554	52
2.12.02.02	Acoustic devices and systems	Technician; Acoustic technician	554	52
2.12.02.03	Radio-electronic instrument devices	Technician; Electronic equipment technician	554	52
2.12.02.04	Electromechanical instrumentation devices	Technician; Electromechanical technician	554	52
2.12.02.05	Optical and optoelectronic devices and systems	Technician; Optical Technician	554	52

1	2	3	4	5
2.12.02.06	Biotechnical and medical devices and systems	Technician; Biotechnician	554	52
2.12.02.07	Installation, maintenance and repair of medical equipment	Mechanical technician	554	52
2.12.02.08	Prosthetic and orthopedic and rehabilitation equipment	Technician	554	52
2.12.02.09	Production and technical operation of instruments and apparatus	Electromechanical technician; Technologist	554	52
2.13.00.00	ELECTRIC AND HEAT POWER ENGINEERING			
2.13.02.01	Thermal power plants	Thermal energy technician; Energy technician	554	52
2.13.02.02	Heat supply and heating equipment	Thermal energy technician; Energy technician	554	52
2.13.02.03	Electrical stations, networks and systems	Electrical technician	554	52
2.13.02.04	Hydroelectric power plants	Technician; Energy technician	554	52
2.13.02.05	Technology of water, fuel and lubricants in power plants	Technologist	554	52
2.13.02.06	Relay protection and automation of electrical power systems	Automation Electrical Technician	554	52
2.13.02.07	Energy and electricity supply ¹	Electrical technician; Electromechanical technician	554	52
2.13.02.08	Electrical insulation, cable and capacitor technology	Technician; Electrical technician	554	52
2.13.02.09	Installation and operation of power lines	Electrical installation technician; Electrical technician	554	52
2.13.02.10	Electrical machines and apparatus	Technician; Electrical machines and apparatus technician; Electromechanical technician	554	52

1	2	3	4	5
2.13.02.11	Technical operation and maintenance of electrical and electromechanical equipment ¹	Technician; Electromechanical technician	554	52
2.13.02.12	Production of automated electrothermal systems	Electrothermal Technician	554	52
2.13.02.13	Technical operation of airport electrical lighting systems	Electrical technician; Lighting technician	554	52
2.13.02.14	Electrical equipment and electric motors for the textile industry	Electromechanical technician	554	52
2.13.02.15	Non-traditional and renewable energy sources	Energy technician; Electrical technician	554	52
2.13.02.16	Installation and operation of heat power equipment of thermal power plants	Heating technician; Energy technician	554	52
2.13.02.17	Maintenance of contact networks on electrified railways	Electromechanical technician	554	52
2.15.00.00	MECHANICAL ENGINEERING			
2.15.02.01	Installation and technical operation of industrial equipment ¹	Mechanical technician	554	52
2.15.02.02	Technical operation of equipment for the production of electronic equipment	Technician; Mechanical technician	554	52
2.15.02.03	Technical operation of hydraulic machines, hydraulic drives and hydropneumatic automation	Technician; Mechanical technician	554	52
2.15.02.04	Special machines and devices	Technician; Mechanical technician	554	52
2.15.02.05	Technical operation of equipment in trade and public catering	Mechanical technician	554	52
2.15.02.06	Installation and technical operation of refrigeration compressor machines and installations ¹	Technician; Mechanical technician	554	52
2.15.02.07	Automation of technological processes and production ¹	Automation technician; Technologist; Automation technician	554	52

1	2	3	4	5
2.15.02.08	Mechanical Engineering Technology	Mechanical technician; Technician-mechanic- technologist	554	52
2.15.02.09	Maintenance and repair of textile and light industry equipment	Mechanical technician	554	52
2.15.02.10	Maintenance and repair of sports equipment	Mechanical technician	554	52
2.15.02.11	Machines and apparatus for food production	Mechanical technician	554	52
2.15.02.12	Mining machinery and equipment ¹	Electromechanical technician; Mechanical technician	554	52
2.15.02.13	Industrial robots and robotic systems	Electromechanical technician	554	52
2.15.02.14	Maintenance and repair of enterprise equipment ¹	Mechanical technician; Technician	554	54
2.15.02.15	Low temperature technology	Mechanical technician; Technician	554	54
2.15.02.16	Equipment and technology of electrovacuum production	Technician; Technologist	554	54
2.15.02.17	Large and small industrial mechanical equipment	Mechanical technician	554	54
2.15.02.18	High and low voltage devices	Electrical technician	554	54
2.15.02.19	Measuring instruments and automation	Technician	554	54
2.17.00.00	CHEMICAL TECHNOLOGY			
2.17.02.01	Analytical quality control of chemical compounds	Chemical technician	554	54
2.17.02.02	Chemical technology of finishing production and processing of products	Technologist	554	54
2.17.02.03	Chemical technology of inorganic substances	Technologist	554	54
2.17.02.04	Electrochemical production	Chemical technician technologist	554	54

1	2	3	4	5
2.17.02.05	Production of refractory non-metallic and silicate materials and products	Chemical technician technologist	554	54
2.17.02.06	Chemical technology of organic substances	Technologist	554	54
2.17.02.07	Technology of production and processing of plastics and elastomers	Technologist	554	54
2.17.02.08	Technology of film and photo materials and magnetic media	Technologist	554	54
2.17.02.09	Oil and gas processing	Chemical technician technologist	554	54
2.17.02.10	Coke production	Chemical technician technologist	554	54
2.17.02.11	Technology of pyrotechnic compositions and products	Technologist	554	54
2.17.02.12	Chemical technology and equipment for textile materials	Technologist	554	54
2.17.02.13	Technology of acids, alkalis, salts and mineral fertilizers	Technologist	554	54
2.17.02.14	Chemical technology in light industry	Technologist	554	54
2.17.02.15	Cement production technology	Technologist	554	54
2.17.02.16	Glass and bottle production technology	Technologist	554	54
2.17.02.17	Ceramic production technology	Technologist	554	54
2.18.00.00	INDUSTRIAL ECOLOGY AND BIOTECHNOLOGY			
2.18.02.01	Biochemical production	Technologist	554	54
2.18.02.02	Grain storage and processing technology	Technologist	554	54
2.18.02.03	Technology of bread, confectionery and pasta	Technologist	554	54
2.18.02.04	Technology of sugar products	Technologist	554	54
2.18.02.05	Winemaking and fermentation technology	Technologist	554	54
2.18.02.06	Technology of canned food and food concentrates	Technologist	554	54
2.18.02.07	Technology of milk and dairy products	Technologist	554	54
2.18.02.08	Technology of meat and meat products	Technologist	554	54

1	2	3	4	5
2.18.02.09	Technology of fats and fat substitutes	Technologist	554	54
2.18.02.10	Technology of catering products	Technologist	554	54
2.18.02.11	Baker	Technologist	554	54
2.18.02.12	Pastry chef	Technologist	554	54
2.18.02.13	Confectionery production	Technologist	554	54
2.18.02.14	Food production technology	Technologist	554	54
2.19.00.00	TECHNOSPHERE SECURITY AND ENVIRONMENTAL MANAGEMENT			
2.19.02.01	Rational use of environmental complexes	Environmental technician	554	85
2.19.02.02	Emergency protection	Rescue technician	554	85
2.19.02.03	Environmental development of territories	Environmental technician	554	85
2.19.02.04	Environmental protection and natural heritage	Ecologist; Environmental technician	554	85
2.19.02.05	Fire safety	Fire Safety Technician	554	85
2.19.02.06	Radiation safety	Technician; Radiation Safety Technician	554	85
2.19.02.07	Installation and operation of security and fire alarm systems	Mechanical technician	554	85
2.19.02.08	Environmental protection and rational use of natural resources	Technologist; Environmental technician	554	54
2.19.02.09	Industrial ecology and rational use of natural resources	Technologist; Environmental technician	554	54
2.19.02.10	Ornithological provision of flight safety	Ornithological technician	554	85
2.19.02.11	Safety of technological processes and production	Technician-inspector	554	85
2.20.00.00	APPLIED GEOLOGY, MINING, OIL AND GAS ENGINEERING AND GEODESY			
2.20.02.01	Development and operation of oil and gas fields	Mining technician	554	54

1	2	3	4	5
2.20.02.02	Drilling oil and gas wells	Mining technician	554	54
2.20.02.03	Construction and operation of gas and oil pipelines and gas and oil storage facilities	Technologist	554	54
2.20.02.04	Land management	Landsman-technician	554	58
2.20.02.05	Land and property relations	Technician for land and property relations	554	58
2.20.02.06	Information systems for supporting urban planning activities	Technician; Technician for information systems for urban planning activities	554	58
2.20.02.07	Aerial photogeodesy	Aerial photogeodesist technician; Aerial Photo Geodesy Technician	554	58
2.20.02.08	Applied geodesy	Technician- surveyor	554	54
2.20.02.09	Hydrogeology and engineering geology	Hydrogeological technician	554	54
2.20.02.10	Geology and exploration of oil and gas fields	Geological technician	554	54
2.20.02.11	Geological methods of prospecting and exploration of mineral deposits	Geophysicist	554	54
2.20.02.12	Technology and equipment for exploration of mineral deposits	Mountain reconnaissance technician	554	54
2.20.02.13	Geological survey, search and exploration of mineral deposits	Geological technician	554	54
2.20.02.14	Surveying business	Mining technician-surveyor	554	54
2.20.02.15	Open pit mining	Mining technician	554	54
2.20.02.16	Mine construction	Mining technician	554	54
2.20.02.17	Underground mining of mineral deposits	Mining Technologist	554	54

1	2	3	4	5
2.20.02.18	Mineral beneficiation	Technician; Technologist	554	54
2.20.02.19	Development of oil and gas fields	Mining technician	554	54
2.20.02.20	Maintenance and repair of chemical, oil and gas processing equipment in industrial enterprises	Mechanical technician	554	54
2.20.02.21	Maintenance and repair of oil and gas field equipment	Mechanical technician	554	54
2.20.02.22	Overhaul of oil and gas wells	Mining technician	554	54
2.20.02.23	Geophysical methods for well exploration	Geophysicist	554	54
2.20.02.24	Land management and cadastres	Land survey technician	554	54
2.20.02.25	Geodetic support of the land cadastre	Surveyor technician	554	54
2.20.02.26	Topography	Topographical technician	554	54
2.21.00.00	MATERIAL TECHNOLOGY			
2.21.02.01	Metallurgy of ferrous metals	Technician; Ferrous metallurgy technician; Technologist	554	52
2.21.02.02	Metallurgy of non-ferrous metals	Technician; Non-ferrous metallurgy technician; Technologist	554	52
2.21.02.03	Foundry production of ferrous and non-ferrous metals	Technician; Technician for foundry production of ferrous and non-ferrous metals; Technologist	554	52
2.21.02.04	Metallurgy and heat treatment of metals	Technician; Metal heat treatment technician	554	52
2.21.02.05	Metal forming	Technician; Processing Technician	554	52

1	2	3	4	5
		metals under pressure		
2.21.02.06	Welding production	Technician; Welding Technician	554	52
2.21.02.07	Powder metallurgy, composite materials, coatings	Technician -technologist	554	52
2.21.02.08	Ceramics technology	Technologist	554	52
2.21.02.09	Glass and ceramic glass technology	Technologist	554	52
2.21.02.10	Foundry machines and technology ¹	Mechanical technician; Technologist	554	52
2.21.02.11	Technology and furniture design	Technologist	554	62
2.22.00.00	EQUIPMENT AND TECHNOLOGY OF GROUND TRANSPORT			
2.22.02.01	Organization of transportation and traffic management in transport (by type)	Mechanical technician; Transportation and cargo handling technician	554	84
2.22.02.02	Automobile and tractor manufacturing	Technician; Automotive and tractor technician; Technician-mechanic-technologist	554	52
2.22.02.03	Maintenance and repair of motor vehicles	Mechanical technician	554	52
2.22.02.04	Road construction machines and equipment	Mechanical technician	554	52
2.22.02.05	Operation of transport electrical equipment and automation (by type of transport, excluding water transport)	Electromechanical technician	554	52
2.22.02.06	Technical operation of airfields	Technician	554	52
2.22.02.07	Organization and technology of fire protection	Fire Technician security	554	52
2.22.02.08	Locomotive facilities	Mechanical technician	554	52

1	2	3	4	5
2.22.02.09	Carriage industry	Mechanical technician	554	52
2.22.02.10	Automation, telemechanics and communications in railway transport	Electromechanical technician; Telecommunications and automation technician	554	52
2.22.02.11	Ground transport and technological means	Transport technician	554	52
2.22.02.12	Technical operation and repair of railway rolling stock	Mechanical technician	554	52
2.22.02.13	Operation and maintenance of railway rolling stock	Mechanical technician	554	52
2.23.00.00	AVIATION AND ROCKET AND SPACE ENGINEERING			
2.23.02.01	Aircraft production	Technician; Aircraft production technician; Technologist	554	52
2.23.02.02	Aviation engine production	Technician; Aviation engine production technician; Technologist	554	52
2.23.02.03	Aircraft testing	Technician; Aircraft Test Technician	554	52
2.24.00.00	AIR NAVIGATION AND OPERATION OF AVIATION AND SPACE EQUIPMENT			
2.24.02.01	Technical operation of aircraft and aircraft engines	Aviation technician for aircraft and engines	554	52
2.24.02.02	Production, transportation, storage, refueling and control of aviation fuels and lubricants	Fuel and lubricants technician	554	52
2.24.02.03	Technical operation of aviation and radio-electronic equipment of aircraft	Aviation technician for aviation and radio-electronic equipment	554	52
2.24.02.04	Flight operation of aircraft	Pilot	554	52

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2.24.02.05	Air traffic control	Air traffic controller	554	52
2.24.02.06	Organization of air transportation	Transportation agent	554	52
2.24.02.07	Airport Operations Management	Production Manager	554	52
2.24.02.08	Technical operation of lifting and transport, construction, road machinery and airport equipment	Mechanical technician	554	52
2.24.02.09	Airfield facilities and airport mechanization facilities	Mechanical technician	554	52
2.24.02.10	Aircraft and flight navigation	Navigator	554	52
2.24.02.11	Organization of passenger and postal freight transportation	Technician Agent	554	52
2.24.02.12	Control of aircraft without a pilot	Outdoor pilot	554	52
2.24.02.13	Air Navigation Flight Directorate	Air navigation technician	554	52
2.25.00.00	EQUIPMENT AND TECHNOLOGY OF SHIPBUILDING AND WATER TRANSPORT			
2.25.02.01	Operation of inland waterways	Technician	554	52
2.25.02.02	Shipbuilding	Shipbuilding technician	554	52
2.25.02.03	Navigation	Navigator technician	554	52
2.25.02.04	Installation and maintenance of ship machinery and mechanisms	Mechanical technician	554	52
2.25.02.05	Operation of ship power plants	Marine technician; Energy technician	554	52
2.25.02.06	Operation of ship electrical equipment and automation equipment	Electromechanical technician	554	52
2.25.02.07	Application and repair of ship navigation technical aids	Technician	554	52
2.25.02.08	Application and repair of ship weapons	Technician	554	52
2.25.02.09	Application and repair of shipborne radio equipment	Technician	554	52
2.25.02.10	Application and repair of ship power systems	Technician; Energy technician	554	52

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2.25.02.11	Ship repair	Technician	554	52
2.25.02.12	Use and storage of ship ammunition	Technician	554	52
2.25.02.13	Application of navigational and hydrographic aids	Technician	554	52
2.25.02.14	Shipbuilding and repair	Navigator technician	554	52
2.25.02.15	Application of ship power plants and electrical equipment	Electromechanical technician	554	52
2.26.00.00	MANAGEMENT IN TECHNICAL SYSTEMS			
2.26.02.01	Metrology	Metrology technician	554	52
2.26.02.02	Standardization and certification ¹	Controller technician	554	52
2.26.02.03	Technical regulation and quality management	Technician	554	52
2.26.02.04	Automation and telemechanics in transport (railway transport)	Technician	554	52
2.26.02.05	Automatic control systems	Automation technician	554	52
2.26.02.06	Supervisory control systems and tools	Technician	554	52
2.26.02.07	Quality and service management in production	Technician	554	52
2.28.00.00	TECHNOLOGIES OF TEXTILE AND LIGHT INDUSTRY			
2.28.02.01	Design, modeling and technology of leather goods	Technician-technologist designer	554	54
2.28.02.02	Leather and fur technology	Technologist	554	54
2.28.02.03	Technology and design of leather and fur products	Technician-technologist designer	554	54
2.28.02.04	Technology, design and modeling of garments	Technician-technologist designer	554	54
2.28.02.05	Technology and design of garments	Technician-technologist designer	554	54
2.28.02.06	Textile technology (by type)	Technologist	554	54
2.28.02.07	Sewing technology ¹	Technologist	554	54

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2.28.02.08	Weaving production ¹	Technologist	554	54
2.28.02.09	Fiber spinning technology	Technologist	554	54
2.28.02.10	Technology of production of weaving and light industry	Technologist	554	54
2.28.02.11	Silk fabric production technology	Technologist	554	54
2.28.02.12	Printing	Technologist	554	54
2.28.02.13	Knitting production	Technologist	554	54
2.28.02.14	Printing production technology	Technologist	554	54
2.28.02.15	Cotton primary processing technology	Technologist	554	54
2.28.02.16	Spinning technology for fiber materials	Technologist	554	54
2.28.02.17	Wool processing technology	Technologist	554	54
2.28.02.18	Printing production	Technologist	554	54
2.28.02.19	Production of paper and cardboard products	Technologist	554	54
2.28.02.20	Diamond processing technology	Technologist	554	54
3	HEALTH AND MEDICAL SCIENCES			
3.30.00.00	CLINICAL MEDICINE			
3.30.02.01	General Medicine	Paramedic	554	72
3.30.02.02	Midwifery	Obstetrician	554	72
3.30.02.03	Laboratory diagnostics	Laboratory assistant at medical institutions; Medical laboratory assistant; X-ray technician	554	72
3.30.02.04	Medical optics	Medical optician; Optometrist	554	72
3.30.02.05	Dentistry	Dental paramedic	554	72
3.30.02.06	Orthopedic dentistry	Dental Technician	554	72
3.30.02.07	Physiotherapy and rehabilitation	Physiotherapist- rehabilitologist	554	72

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3.31.00.00	HEALTH SCIENCES AND PREVENTIVE MEDICINE			
3.31.02.01	Medical and preventive care	Medical assistant	554	72
3.31.02.02	Preventive dentistry	Dental hygienist	554	72
3.32.00.00	NURSING			
3.32.02.01	Nursing ¹	Nurse; (medical brother); Massage nurse (nurse); Family nurse (family nurse); Surgical nurse (nurse); Pediatric nurse (nurse); Infectious diseases nurse (nurse); Dental nurse (nurse); Nurse (nurse)-anesthetist; Nurse (nurse) in dietetics;	554	72
		Nurse (nurse) in cosmetology		
3.33.00.00	PHARMACY			
3.33.02.01	Pharmacy	Pharmacist	554	72
4	AGRICULTURE AND AGRICULTURAL SCIENCES			
4.34.00.00	AGRICULTURE, FORESTRY AND FISHERIES			
4.34.02.01	Forestry and gardening	Agronomist-gardener; Forestry technician	554	62
4.34.02.02	Logging technology	Technologist	554	62
4.34.02.03	Woodworking technology	Technologist	554	62
4.34.02.04	Integrated wood processing technology	Technologist	554	62
4.34.02.05	Agronomy	Agronomist	554	62
4.34.02.06	Agrochemistry	Agronomist-agrochemist	554	62
4.34.02.07	Plant protection	Agronomist	554	62

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4.34.02.08	Technology of production and processing of agricultural products	Technologist	554	62
4.34.02.09	Agricultural mechanization	Mechanical technician	554	62
4.34.02.10	Power supply and agricultural automation	Electrical technician	554	62
4.34.02.11	Hydromelioration	Reclamation technician	554	62
4.34.02.12	Mechanization of reclamation works	Mechanical technician	554	62
4.34.02.13	Mechanization of livestock farms	Mechanical technician	554	62
4.34.02.14	Ichthyology and fish farming	Fish farming technician	554	62
4.34.02.15	Processing of aquatic biological resources	Technologist	554	62
4.34.02.16	Industrial fishing	Industrial Technician fisheries	554	62
4.34.02.17	Gardening and landscape construction	Technician	554	62
4.34.02.18	Cotton growing	Agronomist	554	62
4.34.02.19	Seed production	Agronomist	554	62
4.34.02.20	Beekeeping	Beekeeping technician	554	62
4.34.02.21	Hunting and fur farming	Game manager	554	62
4.34.02.22	Horse breeding	Horse breeder	554	62
4.34.02.23	Sericulture	Agronomist-sericulture	554	62
4.34.02.24	Cynology	Dog handler	554	62
4.34.02.25	Farm management	Farm Manager	554	62
4.34.02.26	Operation and repair of agricultural machinery and tools	Mechanical technician	554	62
4.34.02.27	Greenhouse farming	Agronomist-technician	554	62
4.34.02.28	Technology of raw materials obtained from livestock farming	Technologist	554	62
4.34.02.29	Agroecology	Agronomist-ecologist	554	62
4.34.02.30	Selection and seed production of agricultural crops	Agronomist-breeder	554	62
4.34.02.31	Gardening and vegetable growing	Agronomist	554	62
4.35.00.00	VETERINARY AND ANIMAL SCIENCE			

1	2	3	4	5
4.35.02.01	Veterinary	Veterinary assistant	554	64
4.35.02.02	Animal science	Livestock specialist	554	64
4.35.02.03	Veterinary pharmaceuticals	Veterinary assistant	554	64
4.35.02.04	Veterinary and sanitary examination	Veterinary assistant	554	64
4.35.02.05	Selection and seed production in horse breeding	Breeder	554	64
4.35.02.06	Genetics and biotechnology in animal husbandry	Breeder	554	64
4.35.02.07	Equine medicine	Veterinary assistant	554	64
4.35.02.08	Horse training	Trainer (seis)	554	64
5	SOCIAL SCIENCES			
5.37.00.00	ECONOMICS AND MANAGEMENT			
5.37.02.01	Economics and planning ¹	Economist; Technician-economist; Economist-manager	554	31
5.37.02.02	Accounting ¹	Economist; accountant; Technician-accountant; Economist accountant; Technician-economist; Economist-manager	554	34
5.37.02.03	Accounting and auditing ¹	Economist; accountant; Accounting technician; Economist accountant; Technician-economist; Economist-manager	554	34
5.37.02.04	Economics and business law	Economist	554	34
5.37.02.05	Finance and credit	Economist	554	34
5.37.02.06	Budget and budget accounting	Economist	554	34
5.37.02.07	Statistics	Economist	554	34

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5.37.02.08	Taxes and taxation	Economist	554	34
5.37.02.09	Insurance business	Economist	554	34
5.37.02.10	Banking	Economist	554	34
5.37.02.11	Banking technology	Economist	554	34
5.37.02.12	Bank lending	Economist	554	34
5.37.02.13	Accounting in banks	Economist	554	34
5.37.02.14	Banking programming	Economist; economist-programmer	554	34
5.37.02.15	Management	Economist	554	34
5.37.02.16	Operational activities in logistics ¹	Logistics technician	554	34
5.37.02.17	commercial activity	Commercial Technician	554	34
5.37.02.18	Trading business	Trade technician	554	34
5.37.02.19	Marketing	Marketing technician	554	34
5.37.02.20	Product placement manager	Technician manager	554	34
5.37.02.21	Economics and digital information technologies ¹	Economist; Technician-economist; Digital Economist Technician	554	34
5.37.02.22	Commodity research and examination of the quality of consumer goods	Commodity technician	554	34
5.37.02.23	Information support for business	Economist	554	34
5.37.02.24	Digital data processing ¹	Digital Data Technician	554	34
5.37.02.25	Manufacturing control	Technician manager	554	34
5.37.02.26	Economics and management of enterprises and industrial complexes	Technician-economist, Manager; Economist-manager technician	554	34
5.37.02.27	Economics and management of the service sector	Technician-economist, Manager;	554	34

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		Economist-manager technician		
5.37.02.28	Economics and organization of production ¹	Technician-economist	554	34
5.37.02.29	Merchandising of food products	Commodity technician	554	34
5.37.02.30	Merchandising of non-food products	Commodity technician	554	34
5.37.02.31	Commodity books	Commodity technician	554	34
5.37.02.32	Merchandising of food and non-food products	Commodity technician	554	34
5.37.02.33	Commodity research of agricultural products and raw materials	Commodity technician	554	34
5.37.02.34	Commodity research, organization of logistics and sales	Commodity technician	554	34
5.37.02.35	Entrepreneurship Basics ¹	Technician-economist	554	34
5.37.02.36	Economics in civil aviation	Technician-economist	554	34
5.37.02.37	Administration of banking systems and networks	Technician-economist	554	34
5.37.02.38	Cybersecurity in banking systems	Technician-economist	554	34
5.37.02.39	Settlement and payment systems	Technician-economist	554	34
5.37.02.40	Economics and Accounting ¹	Economist accountant	554	34
5.37.02.41	Digital economy	Economist-programmer	554	34
5.38.00.00	SOCIOLOGY AND SOCIAL WORK			
5.38.02.01	Organization of sign language communication	Sign language interpreter	554	76
5.39.00.00	JURISPRUDENCE			
5.39.02.01	Social Security Law and Organization	Executor	554	38
5.39.02.02	Law enforcement	Executor	554	38
5.39.02.03	Law and judicial administration	Bailiff	554	38
5.41.00.00	MASS MEDIA AND INFORMATION LIBRARY RESEARCH			
5.41.02.01	Management in librarianship	Librarian	554	32
5.41.02.02	Librarianship	Librarian	554	32

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5.41.02.03	Organization of children's reading	Children's reading director, librarian school library	554	32
5.41.02.04	Book studies and publishing	Technician	554	32
5.41.02.05	Information support for science and technology	Scientific Technology Supplier	554	32
5.41.02.06	Museum management and monument protection	Museum worker	554	32
5.41.02.07	Advertising	Advertising technician	554	34
5.41.02.08	Publishing	Publishing technician	554	21
5.41.02.09	Library science and bibliography	Librarian-bibliographer	554	21
5.41.02.10	Automated library and information systems	Librarian-bibliographer	554	21
5.42.00.00	SERVICE AND TOURISM			
5.42.02.01	Organization of catering services	Manager	554	81
5.42.02.02	Hairdressing art	Technologist; Fashion designer-artist	554	81
5.42.02.03	Stylistics and art of makeup	Makeup artist-stylist	554	81
5.42.02.04	Applied aesthetics	Technologist-aesthetician	554	81
5.42.02.05	Floristics	Technologist	554	81
5.42.02.06	Transport service (by mode of transport)	Transport service technician	554	81
5.42.02.07	Chemical processing service	Technologist	554	81
5.42.02.08	Home and utility services	Manager	554	81
5.42.02.09	Ritual service	Manager	554	81
5.42.02.10	Tourist service	Manager	554	81
5.42.02.11	Hotel service	Manager	554	81
6	EDUCATION AND PEDAGOGICAL SCIENCES			
6.43.00.00	EDUCATION AND PEDAGOGICAL SCIENCES			
6.43.02.01	Preschool education and upbringing ¹ (with the right teaching the appropriate language)	A kindergarten teacher	554	14

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		(with the right to teach the corresponding language in kindergarten)		
6.43.02.02	Teaching in primary grades ¹ (with the right to teach the corresponding subject in grades 5-6)	Primary school teacher (with the right to teach the relevant subject in grades 5-6)	554	14
6.43.02.03	Pedagogy of additional education ¹	Additional education teacher (indicating the area of activity)	554	14
6.43.02.04	Special preschool education and upbringing ¹	Teacher of preschool children with developmental disabilities and with intact development and additional training (in the additional education program)	554	14
6.43.02.05	Corrective pedagogy in primary education ¹	Teacher of primary classes and primary classes of compensatory and correctional and developmental education (in the additional education program)	554	14
6.43.02.06	Vocational training ¹	Technician by specialty	554	14
6.43.02.07	Teaching in primary grades (with the right to teach household labor in grades 5-7)	Primary school teacher (with the right to teach life work in 5-7 classes)	554	14
7	HUMANITARIAN SCIENCES			
7.45.00.00	HISTORY AND ARCHEOLOGY			
7.45.02.01	Documentary support and archiving	Clerk-archivist	554	22
7.48.00.00	PHYSICAL CULTURE AND SPORT			

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7.48.02.01	Physical Culture	Trainer	554	81
7.48.02.02	Adaptive physical education	Trainer	554	81
7.48.02.03	Sports trainer (with teaching rights)	Trainer	554	81
7.48.02.04	Equestrian sport and equestrian tourism	Equestrian trainer	554	81
7.48.02.05	National horse games	Equestrian trainer	554	81
7.48.02.06	Dog sport	Dog trainer	554	81
8	ARTS AND CULTURE			
8.49.00.00	ART SCIENCE			
8.49.02.01	World Art	Specialist in the field of world artistic culture, tour guide	554	22
8.49.02.02	History and theory of music	Teacher of history and theory of music, musicologist at a children's music school, art school	554	22
8.49.02.03	History and theory of fine arts	Teacher of history and theory of fine arts, art critic at children's music school, art school	554	22
8.50.00.00	CULTURAL STUDIES AND SOCIOCULTURAL PROJECTS			
8.50.02.01	Cultural studies	Culturologist	554	21
8.50.02.02	Folk art (by type)	Leader of an amateur creative team	554	21

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8.50.02.03	Social and cultural activities (by type)	Organizer of social and cultural activities	554	21
8.50.02.04	Musical sound engineering	Sound technician	554	21
8.50.02.05	Organization of an amateur theater group	Organizer of an amateur theater group	554	21
8.50.02.06	Organization of an amateur choir	Organizer of an amateur choir	554	21
8.50.02.07	Organization of an amateur folk music orchestra	Organizer of an amateur folk music orchestra	554	21
8.50.02.08	Organization of an amateur dance group	Organizer of an amateur dance group	554	21
8.50.02.09	Directing at the House of Culture	Director at the House of Culture	554	21
8.50.02.10	Organization of cultural events	Organizer of mass cultural events	554	21
8.50.02.11	Sound and lighting design	Sound and lighting equipment manager, decorator	554	21
8.50.02.12	Study of folklore and ethnography	Folklorist, head of a folklore ensemble, ethnographer	554	21
8.50.02.13	Producing	Producer	554	21
8.50.02.14	Organization and preparation of television and radio programs	Organizer and producer of television and radio programs	554	21
8.50.02.15	Television and film directing	Television and film director	554	21
8.50.02.16	Television cameraman business	TV cameraman	554	21
8.50.02.17	Computer designer	Technician-designer	554	21
8.50.02.18	Television and radio and communications	Operator technician	554	21
8.50.02.19	Sound engineer	Sound technician	554	21
8.50.02.20	Decorating with light	Lighting technician	554	21

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8.51.00.00	STAGE ARTS AND LITERARY CREATIVITY			
8.51.02.01	Performing arts	Actor, theater artist	554	21
8.51.02.02	Circus art	Actor, pop and circus performer	554	21
8.51.02.03	Acting art	Actor	554	21
8.51.02.04	The art of musical comedy	Musician	554	21
8.51.02.05	Theatrical and decorative art (by type)	Makeup artist	554	21
8.51.02.06	Vocal art	Soloist, choir artist, music and singing teacher in educational institutions	554	21
8.51.02.07	The art of bakhshi	The art of bakhshi	554	21
8.51.02.08	The art of choreography	Dance ensemble artist, dance teacher children's music schools, art schools	554	21
8.51.02.09	Variety art (by type)	Artist of a pop orchestra, director of a pop orchestra, teacher of children's music schools, art schools	554	21
8.52.00.00	MUSICAL ART			
8.52.02.01	Music pedagogy	Music teacher in secondary schools and kindergartens	554	21
8.52.02.02	Instrumental performance (by type)	Orchestra artist, orchestra director, teacher of children's music schools, art schools	554	21
8.52.02.03	Turkmen national instruments (by type)	Orchestra artist, orchestra director, teacher of children's music schools, art schools	554	21

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8.52.02.04	String instruments (by type)	Orchestra artist, teacher of children's music schools, art schools	554	21
8.52.02.05	Wind and percussion instruments (by type)	Orchestra artist, orchestra director, teacher of children's music schools, art schools	554	21
8.52.02.06	Folk instruments (by type)	Orchestra artist, children's orchestra director, teacher of children's music schools, art schools	554	21
8.52.02.07	Piano	Accompanist, teacher of children's music schools, art schools	554	21
8.52.02.08	Choral conducting	Choir artist, choral director, teacher of children's music schools, art schools	554	21
8.53.00.00	FINE AND APPLIED ARTS			
8.53.02.01	Restoration	Restorer	554	21
8.53.02.02	Painting (by type)	Artist-painter, teacher of drawing and drawing	554	21
8.53.02.03	Graphics (by type)	Graphic artist, drawing and drawing teacher	554	21
8.53.02.04	Decoration	Decoration technician	554	21
8.53.02.05	Stage design	Set designer, drawing and drawing teacher	554	21
8.53.02.06	Design (by type)	Artist-designer, drawing and drawing teacher	554	21

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8.53.02.07	Artistic weaving	Carpet and tapestry artist, drawing and drawing teacher	554	21
8.53.02.08	Artistic metal processing	Jeweler artist, teacher of drawing and drawing	554	21
8.53.02.09	Tree decoration	Wood decorator, drawing and drawing teacher	554	21
8.53.02.10	Art ceramics	Ceramic artist, drawing and drawing teacher	554	21
8.53.02.11	Sculpture	Artist-sculptor, teacher of drawing and drawing	554	21
8.54.00.00	SCREEN ARTS			
8.54.02.01	Theatrical and audiovisual equipment (by type)	Technician	554	21
8.54.02.02	TV design	Technician	554	21
8.54.02.03	Technique and art of photography	Technician	554	21
8.54.02.04	Animation and animation (by type)	Decorative artist	554	21