



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

**on the results of the work of the external expert evaluation committee
for compliance with the requirements of standards of specialized accreditation of
educational programs
5B072400 / 6M072400 - "Technological machines and equipment (by branches)",
5B070800 - "Oil and gas business"
Kyzylorda Korkyt ata State University**

Site Visit Dates: from "16" to "18" April 2019

INDEPENDENT AGENCY ACCREDITATION AND RATING
External expert committee

*Addressed to
Accreditation
Council to the IAAR*

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from "16" to "18" April 2019**

Kyzylorda, 2019

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(I) LIST OF SYMBOLS AND ABBREVIATIONS

HI	- higher education
EEEE	- external evaluation of educational achievements
EEC	- external expert commission
SAC	- State Attestation Commission
UNT	- Unified National Testing
ESTAL	- European system of transfer and accumulation of loans;
IC	- Individual Curriculum
KKSU	- Kyzylorda Korkyt ata State University
CT	- complex testing
CED	- catalog of elective disciplines
MCU	- Methodical Council of the University
SRW	- student research work
RW	- research work
EP	- educational program
GE	- general education
RO	- Registrar Office
Faculty	- faculty
ISC	- Interim State Control
RK	- Republic of Kazakhstan
WC	- working curriculum
IWST	- independent work of the student with the teacher
QMS	- quality management system
Mass media	- mass media
MC	- Model Curriculum
ECD	- educational complex of the discipline
ECS	- educational complex of specialties
ITC	- Information Technology Center

(II) INTRODUCTION

In accordance with the order No. 28-19-OD dated March 19, 2019, the Independent Agency for Accreditation and Rating, from April 16 to April 18, 2019, an external expert committee assessed the compliance of educational programs 5B072400 / 6M072400 - "Technological machines and equipment", 5B070800 - "Oil and Gas Business" of the Korkyt ata Kyzylorda State University to the standards of specialized accreditation of the IAAR (No. 10-17-OD from February 24, 2017, fifth edition).

The report of the external expert commission (EEC) contains an assessment of the compliance of the activity of Kyzylorda Korkyt ata State University with the criteria of the IAAR, recommendations of the EEC for further improvement and parameters of the university profile.

The composition of the EEC:

1. The Chairman of the Commission is Musabalina Gulnar Toleugazievna, Doctor of Historical Sciences, Professor, L.Gumilyov Eurasian National University (Astana);

2. Foreign expert - Dagnija Blumberga (Dagnij Blumberga), professor, Institute of Ecology and Energy Systems, Riga Technical University, expert of the Academic Information Center (AIC) (Riga, Latvia);

3. Foreign expert - Vasilyev Dmitry Valentinovich, candidate of historical sciences, professor, Moscow City Pedagogical University (MGPU), expert of the "Guild of experts in the field of vocational education" (Moscow, Russian Federation);

4. Expert - Mamyrkhanova Zhamilya Temirgalievna, doctor PhD, Taraz State University. M.H. Dulati (Taraz);

5. Expert - Movkebaeva Galiya Akhmetvalievna, Doctor of History, Professor, Kazakh National University. Al-Farabi (Almaty);

6. Expert - Clare Turebaeva, Doctor of Pedagogical Sciences, Professor, Aktobe Regional University. To Zhubanov (Aktobe);

7. Expert - Smirnov Mikhail Borisovich, Ph.D., professor, State University. Shakarim Semey;

8. Expert - Burbekova Saule Zorabekovna, Ph.D., Suleyman Demirel University (Almaty);

9. Expert - Elubay Madeniet Azamatuly, Ph.D., associate professor, S. Toraigyrov Pavlodar State University (Pavlodar);

10. Expert - Duysenbina Asem Turarovna, Ph.D., Kokshetau State University. Sh.Ualikhanov (Kokshetau);

11. Expert - Nosiyeva Nazym Kazhimuratovna, Candidate of Philology, Acting Associate Professor, Kazakh Agrotechnical University. S. Seifullina (Astana);

12. Expert - Indira Sadybekovna Rystina, Associate Professor, Doctor of PhD, L. N. Gumilyov Eurasian National University (Astana);

13. Expert - Markovsky Vadim Pavlovich, Ph.D., associate professor, S. Toraigyrov Pavlodar State University (Pavlodar);

14. The employer is Maimen Baldyrkan Nurtugankyzy, press secretary of the RPP of the Kyzylorda region (Kyzylorda);

15. The employer is Mustafin Anuar Mamaevich, director of the Safe Consulting Service LLP (Kyzylorda);

16. Student - Kanibayeva Gulzat Beybitkyzy, member of the Alliance of Students of Kazakhstan of Kyzylorda region, 4th year student of the EP 5B011700 - "Kazakh language and literature", University of Bolashak (Kyzylorda);

17. Student - Nisharbek Askat Nurlanuly, member of the Alliance of Students of Kazakhstan of Kyzylorda Region, 3-year student of the EP 5B030100 - "Jurisprudence", University of Bolashak (Kyzylorda);

18. Student - Yerbolat Oziz Yerbolatuly, member of the Alliance of Students of Kazakhstan of Kyzylorda Oblast, 1st year student of the EP 5B070800 - "Oil and Gas Business", Humanitarian-Technical Institute "Akmeshit" (Kyzylorda);

19. Student - Esepbaeva Farida Orazbaykyzy, member of the Alliance of Students of Kazakhstan of Kyzylorda region, 2nd year student of the EP 5B060800 - "Ecology", Humanitarian-Technical Institute "Akmeshit" (Kyzylorda);

20. Student - Kenes Laura Zharkynbekkyzy, a member of the Alliance of Students of Kazakhstan of Kyzylorda region, 3-year student of EP 0512000 - "Translation Studies", Kazakh Humanitarian Law and Technical Higher College (Kyzylorda);

21. The Agency Observer is Timur Kanapyanov, Head of International Projects and Public Relations of the IAAR (Astana).

(III) PRESENTATION OF KYZYLORDA KORKYT ATA STATE UNIVERSITY

The republican state enterprise on the right of economic management "Korkyt ata Kyzylorda State University of the Ministry of Education and Science of the Republic of Kazakhstan" (hereinafter - Korkyt ata KSU) was established on the basis of Korkyt Ata Kyzylorda Humanitarian University and I. Jakhayev Kyzylorda Polytechnic Institute (Resolution of the Government of the Republic Kazakhstan No. 256 dated March 24, 1998).

Korkyt ata KSU operates on the basis of the Laws of the Republic of Kazakhstan "On Education", "On Science", the Development Strategy "Kazakhstan - 2050: a new political course of the established state", the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2016-2019, other legal Acts of the Ministry of Education and Science of the Republic of Kazakhstan, regulating relations in the field of higher and postgraduate education, is guided by the Charter of the University, Academic Policy, the Strategic Development Plan of the Korkyt ata KSU for 2017–2021 (approved at the meeting of the Supervisory Board on 11.09.2017, Minutes No. 3).

The mission of the university is to prepare competitive and in-demand specialists with higher and postgraduate education, focused on solving the issues of industrial and innovative development in all sectors of the economy of the Kyzylorda region and the Republic of Kazakhstan.

Strategic vision: Korkyt ata Kyzylorda State University is an innovative entrepreneurial university with high positions in national rankings, which is included in the world ranking of universities.

Evaluation of the effectiveness of the University's mission is carried out by comparing the results of work with the objectives and is used as a feedback mechanism for making management decisions and analyzing the functioning of the quality management system (hereinafter referred to as QMS). The quality management system operating at the university complies with the requirements of ISO 9001: 2015 standard for educational activities, which is confirmed by the certificate of the Technical Center Register No. ROSS KZ.KKK.K00075, dated July 6, 2017.

Educational activities of Korkyt ata KSU under bachelor, master and PhD doctoral programs are carried out on the basis of an unlimited license (No. 12019394) issued by the Committee on the Control of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on December 11, 2012. The university carries out training in accordance with the Classifier of specialties of higher and postgraduate

education in Kazakhstan in 7 areas (Education, Humanities, Social Sciences, Technical Sciences, Economics, Law, Services). There are 30 departments in 7 faculties that train specialists in 64 undergraduate programs, 30 graduate programs, and 9 PhD doctoral programs.

The material and technical base of the university includes 10 academic buildings, 5 dormitories, the Palace of Students, 7 student canteens, the Seykhun sports and recreation complex, a military training ground, and a library with 6 reading rooms.

The contingent of students of Korkyt ata KSU. on September 1, 2018 amounted to 5059 people:

Undergraduate (4611):

- full-time - 3926 students, including on the basis of the state educational grant - 551, on a contractual basis with full cost recovery - 3375 students;

- by correspondence - 685 students, including on the basis of the state educational grant - 7 students.

4411 students study in the state language.

Master's - 405 people, including on the basis of the state educational grant - 253, on a contractual basis with full cost recovery - 152 students;

Doctoral studies - 43 people, including 39 - by state educational order.

In Korkyt ata KSU enrolls 25 foreign students and 1 foreign undergraduate, including 11 foreign students and 1 foreign undergraduate from China, 12 foreign students from Uzbekistan, 2 foreign students from Turkmenistan.

The educational process provides faculty in the amount of 518 people, of which full-time - 486 people (more than 94%):

Doctors of sciences, professors - 18 people;

Doctors PhD - 20 people;

Candidates of Sciences, associate professors - 194 people;

Masters - 179 people.

The degree of higher education is 47%.

Among the full-time teachers are teaching staff who have experience in enterprises in the field of training.

The university has the necessary library fund for the implementation of educational activities, which amounts to 2202483 copies, including the fund of educational literature - 1775755 copies, of which in the state language - 936245, the fund of educational and methodical literature - 184098 copies, of which in the state language - 94805, The fund of scientific literature - 242630 copies, 60804 of them in the state language.

The university publishes the scientific journal "Bulletin of Korkyt ata KSU", a high-school newspaper "Syr talegi" is published.

In 2018, Korkyt Ata Kyzylorda State University entered the TOP-300 of the best universities in Eastern Europe and Central Asia according to the international QS University Rankings: Emerging Europe and Central Asia (QS EECA), ranking 273th.

In the National ranking of demand for universities RK-2018, which is conducted by the Independent Agency for Accreditation and Rating (IAAR Korkyt Ata) KSU. is in the TOP-20 of the best universities of the republic, occupying 10th place, and in the National ranking of RK-2018 among the multi-disciplinary universities of the Republic of Kazakhstan, according to the Independent Agency for Quality Assurance in Education (IAQAE), the university occupies 9th place.

Korkyt Ata KSU is a member of the European Association of Higher Education Institutions (2005), the Eurasian-Pacific Network of Universities (2005), the Magna Carta of Universities (2005), the Eurasian Association of Universities (2011) and the Association of Asian Universities (2017).

According to the accredited educational programs 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business", the training of specialists has been carried out since 1999. The educational process is provided by a special department - "Oil and Gas Engineering", which is included in the structure of the engineering and environmental department of Korkyt ata KSU.

The contingent of students is 131 people.

According to EP 5B072400 - "Technological machines and equipment (by industry)" 71 people are trained, incl. 46 people - on the basis of the state educational grant, 4 people - on the basis of the local budget, 21 people - on a fee basis.

According to EP 5B070800 - "Oil and Gas Business" 52 people are trained, incl. 4 people - on the basis of the state educational grant, 48 people - on a fee basis, 34 of them in correspondence courses. Training is carried out on a full-time and part-time basis on the basis of general secondary, secondary vocational and higher professional education.

According to EP 6M072400 - "Technological machines and equipment (by industry)" 8 people are trained, incl. 7 people - on the basis of the state educational grant, 1 person - on a fee basis. Master's training is carried out in the following directions - scientific, pedagogical and profile.

Educational programs 5B072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business" are served by 31 teachers, 18 of them are PhDs and 9 are Masters. The degree of OP is 58%.

Educational programs 6M072400 - "Technological Machines and Equipment (by Industry)", served by 16 teachers, including 13 PhDs and 3 Masters. The degree of EP is 81%.

Teachers of the special department conduct initiative research works in the areas of specialist training. For example, Zhumagulov T.ZH. - " Determination of sediments in oil production and ways to fight them "; Erzhanova A.T. - "Improving the efficiency and reliability of long stroke pumping units using a flexible traction body"; Kubenov R.T. - " Methods of increasing and utilization of oil drag and production of productive layer" and others. During the reporting period, there are no funded grant and state contractual RW.

The university, the administration of EP provides assistance for the employment of graduates: an employment plan is developed annually, meetings with heads of enterprises are organized and held, vacancies fairs are held in conjunction with the city department of labor and employment, a preliminary distribution plan is formed. In order to inform graduates and employers, the information portal "Zhomys Berushi" has been developed and is being implemented. The employment rate for the accredited period ranges from 51 to 79%.

To ensure and control the academic mobility of students developed a provision "On academic mobility". Under the program of academic mobility N. M. Amankulov (group ND-16-1) in the period from September 29, 2017 to February 18, 2018, passed the 1st semester of studies at the University of Lodz (Poland) according to the order of the rector No. 2512-C from 12.09 .2017. In the period from September 1, 2017 to July 1, 2018 students of Bazarbay AB (gr. TMO-14-5) and Dastanov R.M. (group TMO-15-1) were trained at the University of Petroleum of China (Beijing, China). In the same university, from November 8, 2017 to October 1, 2018, Balgabay M. (gr. TMO-15-1).

In the 2017/2018 academic year in the 1st semester within the internal academic mobility in Korkyt ata KSU. was trained Rysmahan S.T. 3rd year student of the specialty 5B072400 - "Technological machines and equipment (by industry)" of Pavlodar State University. S. Toraigyrov (Order No. 2417-C of September 4, 2017).

(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE

Educational programs 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business" are being accredited by the IAAR for the first time.

(V) DESCRIPTION OF THE EEC VISIT

The visit of the external expert committee at Korqyt ata KSU was carried out on the basis of the approved and pre-agreed Program of the visit of the expert committee on specialized accreditation of Kyzylorda Korqyt ata State University in the period from 16 to 18 April 2019.

In order to coordinate the work of the EEC on April 15, 2019, an orientation meeting was held, during which powers were distributed among the members of the commission, the schedule of the visit was specified, and agreement was reached on the choice of examination methods.

In order to obtain objective information on the evaluation of the university, the members of the EEC used such methods as visual inspection, observation, interviewing employees of various departments, teachers, students, graduates and employers, survey of faculty members, students.

In accordance with the requirements of standards, the program of the visit covered meetings with the acting. rector, vice-rectors, heads of departments, deans, heads of departments, teachers, students, graduates, employers and employees from various departments, interviewing and questioning teachers and students. A total of 152 people took part in the meetings (table 1).

Table 1 - Information about employees and students who took part in meetings with the EEC of the IAAR

Category of participants	Number
Rector	1
Vice-rector	4
Heads of departments	24
Faculty Deans	3
Heads of departments	7
Teachers	12
Students	22
Graduates	48
Employers	31
Total	152

During the visual inspection, the EEC members familiarized themselves with the state of the material and technical base, visited the faculties and departments implementing accredited educational programs, the exhibition hall of the National Research Center "Archeology and Ethnography", the training hall "President and Independent Kazakhstan",

the scientific and technical library, sports and health complex "SEIKHUN", hostel No. 5, greenhouse, engineering laboratory, laboratory of special department "Drilling and grouting solutions", "Welding technology", "Automated control Technological processes. "

Events planned during the visit of the EEC AAAA contributed to familiarizing experts with the practice bases for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business". The expert group visited Kyzylorda Mechanical Plant KVANT LLP and KP RSE PVASS (formerly FC VPFO Ak Baren).

EEC members attended training sessions:

- on the discipline "Tekhnologlyk mashalardy avtomattandyrylған zhayed zhubalauu", the topic "Forces of the Zhayylerd_ imitationlau idisteri", 3 course, specialty 5B072400 - "Technological machines and equipment (by industry)", Art. teacher, master - Erazhanova A.T. (audience 516, 5 building);

- on the subject "Qabat Physics", the topic " Properties of rocks ", 3 course, specialty 5B070800 - "Oil and Gas Business", lecturer -Yusupova L.Ye. (audience 512, 5 building).

In accordance with the accreditation procedure, 13 teachers, 20 students were surveyed, including students of junior and senior courses of undergraduate and graduate students.

In order to confirm the information presented in the Self-Assessment Report by external experts, the working documentation of the university was requested and analyzed. Along with this, the experts studied the university's Internet positioning through the official website of the university <http://www.korkyt.kz>.

All conditions were created for the work of the EEC, access to all necessary information resources was organized. On the part of the team of Korkyt ata KSU, the presence of all persons indicated in the visit's program was ensured, in compliance with the established time period.

As part of the planned program, recommendations for improving accredited educational programs of the Korkyt ata KSU, developed by the EEC based on the results of the examination, were presented at a meeting with the management of 04/04/2019.

(VI) CONFORMITY TO SPECIALIZED ACCREDITATION STANDARDS

6.1. Standard "Management of the educational program"

- *The university must have a published quality assurance policy.*
- *Quality assurance policies should reflect the link between research, teaching and learning.*
- *The university should demonstrate the development of a culture of quality assurance, including in the context of the EP.*
 - *Commitment to quality assurance should relate to any activity performed by contractors and partners (outsourcing), including in the implementation of joint / double-diploma education and academic mobility.*
 - *The EP's management ensures the transparency of the development plan of the EP based on an analysis of its functioning, the actual positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.*
 - *The EP's management demonstrates the functioning of the mechanisms for forming and regularly reviewing the EP development plan and monitoring its implementation, assessing the achievement of learning objectives, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of EP.*
 - *EP management should involve representatives of groups of stakeholders, including employers, students and teaching staff in the development of a development plan for EP.*
 - *The EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with the national development priorities and the development strategy of the educational organization.*
 - *The university should demonstrate a clear definition of those responsible for business processes in the framework of the EP, the unambiguous distribution of job responsibilities of staff, the delineation of the functions of collegial bodies.*
 - *EP management must provide evidence of the transparency of the educational program management system.*
 - *The EP management must demonstrate the successful functioning of the internal quality system of the EP, including its design, management and monitoring, their improvement, making decisions based on facts.*
 - *EP management must implement risk management.*
 - *The EP's management must ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of the educational program management, as well as their representativeness in making decisions on the management of the educational program.*
 - *The university should demonstrate the management of innovations within the framework of the EP, including the analysis and implementation of innovative proposals.*
 - *EP management must demonstrate evidence of openness and accessibility for students, teaching staff, employers and other interested parties.*
 - *The management of EP must be trained in educational management programs.*
 - *EP management should strive to ensure that progress made since the last external quality assurance procedure was taken into account in preparing for the next procedure.*

The evidence part

The implementation and development of accredited programs is determined by the mission of the university, the Development Strategy of Korkyt Ata KSU.

The strategic development plan of the Korkyt ata Kyzylorda State University for 2017-2021 was considered and approved at a meeting of the Supervisory Board of the University on September 11, 2017, Minutes No. 3. Changes and additions made to the Strategic Plan were approved at the University Academic Council (Minutes No. 4 dated November 13, 2018).

In the Strategic Development Plan of KSU. Korkyt ata reflects the main directions of development of the university:

- Providing quality training for competitive personnel;
- Improving the content of higher and postgraduate education in accordance with modern requirements;
- Creating an effective system of corporate management of the university;
- Infrastructure development.

The strategic development plan was developed taking into account the Messages of the President of the Republic of Kazakhstan to the people of Kazakhstan (2012, 2014, 2015, 2017, 2018), on the basis of the Laws of the Republic of Kazakhstan on education, on state youth policy, on science, normative acts of the MES of the Republic of Kazakhstan, strategies of socio-economic development of the Kyzylorda region until 2020.

The university's mission, vision and strategy are aimed at meeting the needs of the state, society, branches of the real economy, potential employers and students. These documents are posted on the official website of the university (www.korkyt.kz).

Quality Policy Korkyt ata KSU (approved at the meeting of the Academic Council Protocol No. 1 dated August 31, 2017) is posted on the university website www.korkyt.kz and is available to interested parties. This document presents the main goal of Korkyt Ata KSU and defined tasks to achieve it.

To support the main business processes at the university, a set of internal regulatory documents has been developed that regulates the implementation of educational programs - Academic Policy, Regulations on Academic Council, Regulations on the Development and Approval of Educational Programs, Regulations on Professional Practices, Regulations on the Employment of Graduates, Code of Academic Integrity and others

Regulatory documents determine the format of educational documentation that regulates the implementation of educational programs through work programs, teaching and methodological complexes of disciplines, teaching aids, test tasks, etc.

The implementation of educational programs and their development programs is carried out in accordance with the mission, the Strategic Development Plan, academic rules and regulations. Paper and electronic versions of documents are available in the departments, are available for faculty, staff and students, as well as employers and other interested persons. All specified documents are published on the University portal.

Academic policy Korkyt Ata KSU (approved by the decision of the Academic Council of the University Protocol of August 29, 2016) determines the order of organization of the educational process at the university for all levels of education. This document reflects the registration of students for attending classes, conducting current, intermediate and final controls, organizing the passage of all types of practices by students, assessing students' knowledge, transfer rules, restoration, deduction of students, final certification, etc.

In Korkyt Ata KSU systematically analyzes the EP in order to adjust their content and the conformity of the trained specialists to the requirements of the labor market. Reports on the implementation of the development plans of the EP are included in the annual reports of the departments with the analysis, are reviewed at meetings 2 times a year, and the results of monitoring of the development plans of the EP are reviewed at meetings of the Academic Council of the University. The results of the evaluation of the effectiveness of the implementation of the stages of development of the EP are used to adjust and further develop these EPs. EP development plans are adjusted as necessary.

The management of accredited educational institutions is carried out by the Academic Council of the Faculty of Environmental Engineering in the direction of "Oil and Gas Engineering". The members of the Academic Council are representatives of employers, students, heads of departments, teachers who are directly involved in the discussion and approval of the catalog of elective disciplines, syllabus, ECD. For example, the members of the Academic Council in the field of "Oil and Gas Engineering" are N.N. Serikbayev. Head of Gas Utilization Department of Torgai Petroleum JSC and student gr. ND-16-1 Amankulov N.

The focus of the EP on the development of professional skills is implemented through continuous monitoring of the quality of teaching updated disciplines and the compliance of learning outcomes with the requirements stated in the graduate models. Starting from the 1st course, students pass special disciplines and various types of practices that form professional competencies. This approach allows you to create a model of a graduate who

is competitive in the labor market, aimed at continuous development and self-improvement. Students accredited by the EP, participate in the management of educational programs, discuss the content of education by the university, but to a lesser extent educational programs.

All EP (<http://korkyt.kz/index.php/ru/component/k2/item/969>, <http://korkyt.kz/index.php/ru/component/k2/item/1174>), directories elective disciplines in recent years (<http://www.korkyt.kz/index.php/ru/component/k2/item/650>, <http://korkyt.kz/index.php/ru/component/k2/item/1075>), PPP information (http://korkyt.kz/index.php/ru/component/k2/item/404-department_of_oil and gas, made publicly available on the university website, available for students, their parents, applicants and other interested persons.

Conversations with students accredited by the EP, faculty of the special department, and familiarity with the documentation at the department showed the need for additional work and measures to improve and improve the internal quality assurance system of the EP.

The necessary information, personnel, financial and material and technical resources, as well as regulatory and legal documentation, ensuring the implementation of educational programs, are available to manage the EP.

Analytical part

The university systematically analyzes the EPs in order to adjust their content and the compliance of the trained specialists with the requirements of the labor market and the needs of employers. Reports on the implementation of EP development plans are included in the annual reports of departments with critical analysis, are reviewed at meetings 2 times a year, and the results of the monitoring of EP development plans are reviewed at meetings of the University Academic Council. The results of the evaluation of the effectiveness of the implementation of the stages of development of the EP are used to adjust and further develop these EPs. EP development plans are adjusted as necessary.

At the end of each academic year, the department, taking into account the needs, makes an application for the necessary information and other material resources, updates the laboratory development programs, the university administration assigns to the study program the required number of audiences and laboratories.

The change in approaches to the management of educational programs was reflected in the transition from the quality management system to conformity with ISO 9001 standards to the construction of an internal university quality assurance system in accordance with accreditation standards. Since 2004, the university has successfully operated a quality management system, certified by the certification authority for quality management systems Techcenter-Register (Moscow, Russian Federation) certificate number ROSS KZ.SK05.K00075 dated July 6, 2017. (<http://www.korkyt.kz/Doc> <http://www.korkyt.kz/index.php/ru/component/k2/item/795>).

At the same time, the uniqueness and advantage of each of the EPs submitted for accreditation over similar educational programs of other universities has not been sufficiently confirmed, this opinion was confirmed when interviewing EP managers and analyzing the submitted documentation.

A strategic plan has been developed and is being used to manage risks and improve the efficiency of the internal university quality assurance system. Risks are spelled out in the Strategic plans for the development of the university and faculties; there is no separate provision.

During the analysis of the report on self-assessment, interviews with the leadership of the EP and heads of departments, familiarity with internal documents, the

administration of the EP did not document the existence of a link between research, teaching and learning. No information is provided on the types of activities outsourced, on the implementation of double-diploma education.

The department of "Oil Engineering" needs to evaluate the effectiveness of the processes through the use of target indicators to determine the effectiveness of the management of the EP.

According to the results of the survey, the level of accessibility and responsiveness of the university management was "fully satisfied" - 80.6%, "partially satisfied" - 17.2% and "partially not satisfied" - 1.1%, "not satisfied" - 1.1% of students .

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 Availability of a published Quality Policy of KSU named after Korqyt Ata, accessible to interested parties;
- 2 Openness of the manual of EP for students, teaching staff, employers and other persons.

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

- 1 The leadership of the EP to carry out systematic work on determining, updating and formulating the individuality and uniqueness of educational programs in accordance with the national priorities of the development of the country's economy and the development strategy of the Kyzylorda region.
- 2 The management of the university should develop a regulation on risk management at Korqyt ata KSU.

Conclusions EEC on the criteria:

According to the standard "Educational Program Management", 17 criteria are disclosed, of which EP 5B072400 / 6M072400 is "Technological machines and equipment (by industry)", 5B070800 - "Oil and Gas Business" have strong positions - 2, satisfactory - 14, need improvement - 1 .

6.2. Information Management and Reporting Standard

- The university should ensure the functioning of the system for collecting, analyzing and managing information through the use of modern information and communication technologies and software.
- EP management must demonstrate systematic use of processed, adequate information to improve the internal quality assurance system.
- Under the EP, there should be a regular reporting system reflecting all levels of the structure, including an assessment of the effectiveness and efficiency of the departments and departments, and scientific research.
- The university should establish the frequency, forms and methods for evaluating the management of EP, the activities of collegial bodies and structural divisions, senior management, and the implementation of research projects.
- The university should demonstrate how to determine the order and ensure the protection of information, including the definition of responsible persons for the accuracy and timeliness of information analysis and provision of data.
- An important factor is the involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them.
- The EP's management must demonstrate the presence of a communication mechanism with students, employees and other interested parties, including the existence of conflict resolution mechanisms.
- The university should provide a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrate evidence to address the identified deficiencies.

- *The university should evaluate the performance and effectiveness of the activity, including in the context of the EP.*
- *Information collected and analyzed by the university at the EP should take into account:*
- *key performance indicators;*
- *the dynamics of the contingent of students in the context of forms and types;*
- *level of achievement, student achievement and deduction;*
- *students' satisfaction with the implementation of the EP and the quality of education at the university;*
- *availability of educational resources and support systems for students;*
- *employment and career growth of graduates.*
- *Students, employees and faculty must document their consent to the processing of personal data.*
- *The administration of EP should contribute to the provision of all necessary information in relevant fields of science.*

The evidence part

Information on the activities of Korkyt ata KSU on the implementation of the EP is published on the website of the university, local and national media, social networks. The university's website reflects general information about the university, goals and objectives, the history of the university, educational licenses, a list of specialties.

To improve the quality of educational services provided at the university, since 2013 the Platonus AIS has been operating. Since 2016, the AIS University based on "E-UNIVER" has been introduced, which allows to automate the learning process in a comprehensive manner and includes a complete database of students on all levels and forms of education, teaching staff and other employees united in user groups with individual rights. The automated system allows you to manage the academic calendar, the formation of individual plans, placement, the formation of examination sheets, the current control of students, etc.

Research workers, faculty members and students have access to the funds of scientific literature through the scientific and technical library, as well as modern electronic databases, such as Thomson Reuters, Scopus, SpringerLink, EBS "Lan", EBS "University Library on-line", scientific e-library library eLIBRARY.RU, POLPRED.COM - review of Russian and foreign mass media, KazNEB, RIEL, library of the first president of the Republic of Kazakhstan, I-kitap portals.

The system of collecting, analyzing and managing information at the university is used to ensure the quality of the implementation of EP. For example, the formation of consolidated examination sheets, reports on the session, which are used to analyze learning outcomes and make decisions on improving the educational process.

The activities of the EP are monitored at the university, faculty and department levels. Measures to control the quality of the educational process, held at different levels, are recorded in the form of records, acts, references, reports, etc., and are discussed at the meetings of the department and the Council of the Faculty. Based on the analysis and evaluation of control indicators, preventive and corrective measures are developed.

The activity of the "Oil Engineering" department is carried out in accordance with the strategic development plan for 2017–2021 (approved on 01/20/2017) and annual plans. In the framework of the implementation of the plan to improve the educational, educational, scientific and methodological activities of students and faculty, the university management holds regular meetings to exchange views.

The reporting system includes annual reports of structural divisions, reports on research and development works, financial statements. The report of the rector on the activities of the university and on the tasks of the team for the upcoming academic year is heard annually at an enlarged meeting of the Academic Council.

The sources of information on customer satisfaction with the level of educational services are employer feedback, surveys, surveys. The information obtained from these sources of information is used in the analysis by the university management and in the conduct of corrective actions.

The information collected and analyzed by the university includes:

- key performance indicators;
- the dynamics of the contingent of students in the context of forms and types;
- level of achievement, student achievement and deduction;
- availability of educational resources and support systems for students;
- employment and career growth of graduates.

The university administration, heads of structural divisions and SPs are available for students, faculty, parents and other interested persons according to the approved schedule of receptions. There is an opportunity to address with working questions to the vice-rectors and heads of departments in working mode without an appointment. In addition, anyone can contact the rector personally through his blog on the university website. Questions to the rector, asked through his blog, are exhaustive answers.

Analytical part

Analyzing the compliance with the requirements of the “Information Management and Reporting” standard for an accredited EP cluster, the commission notes that the university has an information and reporting management system.

However, the commission notes that there is no information on the protection of information and there is no data on what information is to be protected. It is not shown who is responsible for the accuracy and timeliness of the analysis of information and the provision of data.

There is no evidence of making decisions on the improvement of educational programs based on the analysis of information provided by students, faculty, university staff.

There is no evidence of conflict resolution mechanisms.

The analysis of the contingent showed that the admission of students for the accredited EP is not stable, there is a decrease in the contingent for EP 5B072400 - “Technological machines and equipment (by industry)” departments, subsequent years, the main contingent consists of students in distance learning.

According to the results of state certification, the average academic performance of graduates is 94.3%.

To determine the level of satisfaction of internal needs, the university has created a department of strategic planning, monitoring and quality management, whose staff each academic period organize and conduct a survey of students, teachers and university staff:

"A teacher through the eyes of a student";

"The quality of the educational process";

"Student satisfaction with study at KSU";

"Satisfaction with production practices";

"Clean Session";

"The effectiveness of the curator."

However, information is not provided on the measures taken to improve educational activities based on the results of the survey.

Monitoring of employment and professional activities of graduates for 3 years is carried out by a special department with the submission of information to the practice and employment department. Graduates occupy management positions in oil-producing enterprises. For example, Karimsakov A., engineer of Petro Kazakhstan JSC, Tazhimov S., engineer of JSC CNPC Ai Dan Munai, Amankulov M. engineer of JSC Petro Kazakhstan, Moldabekova A. engineer of Kaztransgaz Aimak JSC, etc.

When analyzing documents (personal files of students and teaching staff), no documentary evidence was found for the processing of personal data of teaching staff, students and employees.

According to the results of the survey, 86% of students were fully satisfied with the usefulness of the educational organization's website in general and of faculties in particular. The feedback level of the faculty with the management is well and very well estimated by 90.8% of the faculty. The students' total satisfaction with the level of availability of the dean's office is 91.4%, the availability and responsiveness of the management - 80.6%, the availability of academic counseling - 86%, the availability of counseling on personal problems - 80.6%.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 Use for the system of collecting, analyzing and managing information of the AIS "Platonus" and the AIS University on the basis of "E-UNIVER", ensuring the automation of educational activities and ensuring the quality of EP implementation;

2 Availability of information including data on students, their educational achievements, on the availability of educational resources, employment of graduates and key performance indicators.

3 Involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them.

4 Information collected and analyzed by the university within the framework of the EP takes into account the dynamics of the contingent of students in the context of forms and types; level of achievement, student achievement and deduction.

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 University management, to develop a document on which university staff, faculty and students will confirm consent to the processing of personal data.

2 On the basis of the results of the survey of students and staff about their degree of satisfaction with the educational activities of the university, provide measures to eliminate the identified deficiencies.

3 Systematically carry out the revision of educational programs on proposals of students and teaching staff, as well as taking into account the recommendations of employers.

4 It is necessary to identify those responsible for the accuracy of the information provided and demonstrate a modern information security system.

5 Inform faculty and students about the latest developments in the field of oil and gas business and the development of new equipment.

Conclusions EEC on the criteria:

According to the "Information Management and Reporting" standard, 17 criteria are disclosed, of which EP 5B072400 / 6M072400 are "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business" 6 have a strong position, 10 are satisfactory, 1 position requires improvement.

6.3. Standard "Development and approval of the educational program"

* The university should define and document the procedures for the development of EPs and their approval at the institutional level.

* EP management must ensure that the developed EPs are consistent with the established goals, including the expected learning outcomes.

* The EP management must ensure the availability of developed graduate EP models describing learning outcomes and personal qualities.

* EP management must demonstrate that an external examination of the EP is carried out.

** Qualifications obtained at the end of the EP should be clearly defined, explained and correspond to a certain level of the NSC.*

** The EP's management should determine the influence of disciplines and professional practices on the formation of learning outcomes.*

** An important factor is the possibility of preparing students for professional certification.*

** EP management must provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.*

ОП The complexity of the EP should be clearly defined in Kazakhstan loans and ECTS.

** The EP's management should provide the content of academic disciplines and learning outcomes to the level of education (bachelor, master, doctorate).*

** The structure of the EP should provide for various types of activities corresponding to the learning outcomes.*

** An important factor is the presence of joint EPs with foreign educational organizations.*

The evidence part

The development and approval of educational programs at the university is carried out in accordance with the provisions of the regulatory acts in the field of higher and postgraduate education, as well as the documentation developed by the university to ensure the implementation of the directions of the strategic plan. Methods and mechanisms for guiding the process of developing educational programs are described in the Regulations on the construction of educational programs (04.07.2017), in the Regulations on the development and approval of educational programs.

The structure of the accredited EP complies with the requirements set forth in the Order of the MES of RK dated April 20, 2011 No. 152 "On approval of the Rules for the organization of the educational process on credit technology of education. On the basis of the strategic documents of the university, the main objectives and strategic directions for the development of the accredited EPs are determined, ensuring that the EP corresponds to the established goals.

Accredited EPs are provided with educational and methodological documentation in accordance with the requirements of the Ministry of Education and Science of the Republic of Kazakhstan: state compulsory education standards; typical and working curricula of specialties; typical and working educational programs of disciplines.

During the visit to the Department of Oil and Gas Engineering, the approved modular educational programs were presented, which were developed jointly with the parties concerned and agreed upon by employers (Petro Kazakhstan Kumkol Resources JSC Bermanov B.K., Turgai Petroleum JSC B. Kamalidenov, Kolzhan LLP Nurabayev K.).

The assessment of the quality of educational programs is carried out on the basis of an analysis of curricula, a catalog of elective disciplines, schedules, individual plans of students, internal regulatory documents governing the implementation of educational programs.

The management of the accredited EP determines the influence of disciplines and professional practices on the formation of learning outcomes. The educational programs of the accredited EP contain components for preparation for professional activity, developing key qualifications, intellectual and academic skills (database and PD cycles), as well as components of the practical component of training.

- The purpose of EP 5B070800 - Oil and gas business is training at oil and gas production enterprises, process engineers, or at positions in research institutions of professional growth of promising specialists.

- The purpose of EP 5B072400 - Technological machines and equipment is to help students acquire knowledge and skills within the limits of the chosen specialty "Technological machines and equipment" (by industry) that are in demand in the labor market. In the areas of vocational training in accordance with the requirements of the state

standard and its further development, mastering general cultural and professional competences, as well as providing a regulatory and methodological base.

- The purpose of the study program 6M072400 - Technological machines and equipment is the training of scientific and pedagogical personnel for the system of higher, postgraduate education and the scientific field, possessing in-depth scientific and pedagogical training.

Educational activities are carried out on the basis of curricula (standard curriculum (TUP), working curriculum (RUE)). Curricula for educational programs implemented for the entire period of study on the basis of model curricula, State compulsory education standards and rules of the educational process for the credit technology of education. In accordance with the State Educational Standard of the Republic of Kazakhstan, the curriculum maintains the ratio of the volume of disciplines of OOD cycles, BD, and major disciplines.

The content and structure of the accredited EPs are formed in accordance with the requirements of the Model Rules for the Activities of Organizations of Higher and Postgraduate Education, approved by the Government of the Republic of Kazakhstan dated May 17, 2013 No. 499 (with changes and additions dated April 7, 2017), the SES RK, approved by the Government Decree RK No. 1080 of August 23, 2012 (as amended on August 15, 2017), the Rules for the organization of the educational process on credit technology of education, approved by Order of the Minister of Education and Science No. 152 of April 20, 2011, with corresponding changes to named (as of January 28, 2016), standard curricula for specialties (Order of Acting Minister of Education and Science of the Republic of Kazakhstan dated August 16, 2013 No. 343 "On Approval of Model Curricula in Specialties of Higher and Postgraduate Education", Amendments of July 5, 2016, Order No. 425).

As a result of training, a graduate acquires a set of competencies necessary for professional activity, gains wide opportunities for employment and can continue his studies in a magistracy (for undergraduate graduates), in a doctoral program (for graduates of a magistracy).

Formation of individual educational trajectories of the student is carried out with the help of an adviser for each academic year on the basis of SES RK, TUPov, IUPov.

The Department of Oil and Gas Engineering annually draws up and approves working curricula and catalogs of elective disciplines (CED). CED contains a brief description of the disciplines, indicating the prerequisites and post requisites of the discipline. CED is available in the departments and on the educational portal.

The curricula provide for the modular study of disciplines in compliance with the logical sequence of study disciplines and contain a complete list of academic disciplines grouped into cycles of general education (OOD), basic (BD) and major disciplines (PD) for both compulsory and elective components. The labor intensity of cycles disciplines in Kazakhstan and ECTS credits, as well as in hours, with a lecture, practical (seminar) classes, independent work of students under the guidance of a teacher and independent work of students, all types of professional practice, intermediate certification are indicated. In all forms of curricula, a single coding system of disciplines is used, providing for assigning to each discipline of the curriculum a corresponding code in alphabetic and numeric characters.

The Department of Oil and Gas Engineering has developed programs of all types of practices. Practical bases for EP 5B070800 - "Oil and Gas Business", 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)" are the following enterprises serving the oil and gas sector: Petro Kazakhstan Kumkol Resources JSC (Memorandum of Cooperation No. 14.06.283 dated June 25. 2014), JSC "Aktobe Oil Equipment Plant" (Memorandum of Mutual Cooperation No. 373 dated 12/7/2016), etc.

For the organization of scientific internships for undergraduates, the University cooperates with the Russian State University of Oil and Gas named after I.M. Gubkina (memorandum of cooperation dated 10.19.2012), Ukhta State Polytechnical University (cooperation agreement dated 12.29.2009), China Petroleum University - Beijing (agreement dated 07.24.2015), etc.

Qualification of students of EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business", obtained after graduation, corresponds to the National Qualifications Framework.

Analytical part

Experts from the EEC note that the accredited EP does not prove the involvement of external experts in the review of the EP.

According to the analysis of the studied documents and interviews with students, teaching staff, graduates and employers, it was established that the structure and content of the EP do not fully reflect the designated objectives for the implementation of the accredited EP.

The work on certification of students' professional achievements, which certifies that the graduate has the competencies recognized in the professional community as necessary to perform certain professional functions, has not been assigned.

The report on the self-assessment of educational programs provides information that the modular educational program is based on the graduate's model developed by the university, which was reviewed by employers and consumers. However, the Department of "Oil and Gas Engineering" did not show the presence of developed models of a graduate in an accredited EP, describing learning outcomes. It should be understood that learning outcomes are a means of expressing the level of competence, are the wording of what students can tell, show, demonstrate after the completion of the program (discipline, module) and should be achievable.

No evidence of participation of students, teaching staff and other stakeholders in the development and quality assurance of the accredited EPs is presented.

Students take part in scientific student conferences organized by both the university and other universities, and the department has been running the scientific group "Zhas manaishy" since 2015. Due to the lack of students in the department funded by research, they are not able to fully realize their scientific potential. The Commission recommended to more widely attract students to the research department in the framework of their diploma projects, master's theses.

Comparative analysis of curricula, accredited EPs and curricula of foreign universities shows that curricula have significant convergence across all blocks of disciplines (OOD, DB, PD). However, despite the fact that the university cooperates with foreign universities such as, Ukhta State Polytechnic University, Russian University of Oil and Gas. Gubkina, China University of Petroleum - Beijing, there are no joint educational programs with foreign universities on the accredited educational program.

Analysis of the content of academic disciplines by levels of education showed that there is an incorrect formation of modules. For example, there is no logic when setting disciplines in the Working curricula of undergraduate and graduate programs, so according to EP 5B072400 - "Technological machines and equipment" the discipline "Tribology of technological machines" is provided, and according to EP 6M072400 - "Technological machines and equipment" - "Basics of tribology" that does not show the compliance of learning outcomes with the level of learning

A survey of students, conducted during the visit of the EAP NAAR, showed that:

- Informing about courses, educational programs, and academic degrees, 83.9% of students are fully satisfied;

- The level of responsiveness to feedback from teachers regarding the educational process is fully satisfied with 81.7% of students;
- 86% of students are fully satisfied with the quality of teaching.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 Availability of internal regulatory documents defining the main provisions of the development of EP and the organization of educational activities.
2. Ensuring the content of academic disciplines and learning outcomes levels of education (undergraduate, graduate).

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

- 1 It is necessary to develop models of graduates taking into account the specifics of the educational programs being implemented. Describe the learning outcomes and competencies that meet the needs of employers and reflect the distinctive features of the graduate model implemented by the EP.
- 2 Consider the possibility of involving external experts in the review and evaluation of the EP.
- 3 Involve students, faculty and stakeholders in the development and coordination of EP with the provision of free choice and optimization of costs to maintain the implemented EP.
- 4 To expand cooperation in order to harmonize the content and implementation of joint educational programs by foreign educational organizations.

Conclusions EEC on the criteria:

According to the standard "Development and approval of educational programs," 12 criteria are disclosed, of which EP 5B072400 / 6M072400 is "Technological machines and equipment (by industry)", 5B070800 - "Oil and Gas Business" 2 have a strong position, 6 are satisfactory, 4 positions require improvements.

6.4. Standard "Continuous monitoring and periodic evaluation of educational programs"

** The university should monitor and periodically evaluate the EP in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.*

** Monitoring and periodic evaluation of the EP should consider:*

• The content of programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the discipline being taught;

• Changes in the needs of society and the professional environment;

• Load, academic performance and graduation of students;

• Effectiveness of student assessment procedures;

• Expectations, needs and satisfaction of students;

• Educational environment and support services and their compliance with the objectives of the EP.

** The university and the administration of the EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.*

** All interested parties should be informed of any planned or taken actions in relation to the EP. All changes made to the EP should be published.*

** EP management should ensure a review of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.*

The evidence part

Ensuring and continuous improvement of the quality of educational programs is one of the main tasks of the department, faculty and the university as a whole. Internal evaluation of EP is carried out at the following levels: Department of Oil and Gas Engineering, Academic Council, Council of the Faculty and University, Academic Council of the University.

In the work of the Academic Council of the Faculty, representatives of employers and students take part in monitoring the quality of implementation of the accredited educational institutions N. N. Serikbayev Head of Gas Utilization Department of Torgai Petroleum JSC and student gr. ND-16-1 Amankulov N.

To determine the level of satisfaction of internal consumers with the information and analytical service of the department of strategic planning, monitoring and quality management of KSU. Korkyt Ata annually conducts a survey of university stakeholders:

- "The teacher through the eyes of the student";
- "Student satisfaction with the quality of educational services";
- "Satisfaction of students with research work at the university";
- "Student satisfaction with living conditions in the dormitory";
- "Satisfaction of university students in supporting them";
- "Student satisfaction with the conditions created for personal development and education of students".

Constant monitoring and periodic assessment of the accredited EP is carried out taking into account the proposals of the teaching staff of the department, employers, students, chairmen of the SSC. Constant monitoring is carried out on the basis of the work plan of the department of strategic planning, monitoring and quality management for the relevant academic year, which is approved by the Vice-Rector for Academic Affairs - the first Vice-Rector of Korkyt ata KSU .As part of the regular monitoring of educational activities, the strength of the accredited EP is to take into account the workload, academic performance and graduation of students.

Processing of accredited EPs is carried out in connection with changes in regulatory documents of the MES RK, the introduction of new directions and elective courses. EP renewal is made in accordance with the requests of employers, which is reflected in the coordination of the catalog of elective disciplines for the corresponding academic year.

Monitoring and periodic evaluation of the study program are reflected in the minutes of the department meetings. The department monitors and periodically evaluates the EP in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the EP.

The total amount of workload of the faculty includes: classroom activities, SRO and SROP. Training schedule is compiled by the office of the registrar of. Korkyt Ata KSU. The organization of the independent work of the student (SRO) and the individualization of the process of teaching students is carried out on the basis of the course curriculum (syllabus).

Teachers of the Department "Oil and Gas Engineering" use traditional forms of assessment tasks - oral survey (frontal survey, colloquium, workshop), test, experience, exercises, problem solving, performance, paper and computer testing, delivery of coursework and settlement and graphic works, protection of SRO , protection of individual and group projects. It is possible to refer to innovative methods (presentations, "blue wine"). The listed forms of knowledge assessment are reflected in the ECS and methodological materials to prepare for SRO and SROP, laboratory studies.

Monitoring students' academic achievements and assessing their knowledge of academic disciplines or modules are organized by the registrar's office at the frontier stages of the educational process. Boundary control of educational achievements of students in the disciplines consists of 3 stages. It is organized in the forms of 1.2 midterm control and Midterm (a type of student's academic achievement control, which is

conducted in the middle of the academic period). When Midterm exam is held in oral-written form (written statement on the answer sheet and oral protection).

Student self-government is implemented through the Committee on Youth Affairs (CYA), which represents the interests of students in front of the university administration, as well as at the inter-university, state and international levels. KDM University organizes student government in areas of educational, educational, scientific work. Proof of the effectiveness of this work are academic achievements, attendance, scientific activity and a high public rating of university students.

The management of the university, faculty, department has demonstrated its accessibility for students, faculty, employers on any issues.

Information about educational programs of undergraduate and postgraduate education is published on the university website (www.korkyt.kz). During the career guidance period, information is placed in the media of the city and region. Booklets and brochures on undergraduate, graduate and doctoral programs are published annually and distributed at international educational exhibitions. For recruiting activities in schools developed presentations and videos containing the above information.

Analytical part

The EEC notes that the university provides a review of the content and structure of educational programs with the participation of employers. The Commission draws attention to the need to use various methods to identify changes in the labor market. In particular, it is recommended to conduct an analysis of the labor market in order to take into account the expected learning outcomes in the content of the EP, the possibility of risks in the implementation of the EP.

The effectiveness of the training assessment procedures are the results of the external evaluation of the academic achievements of the 4th year students. It can be noted that according to the results of the external evaluation of educational achievements from 2016-2018, an increase in the quality indicator is observed. Percentage of students who successfully completed the SAUD: 2014-2015 academic year - 90.4%; 2015-2016 academic year - 91%; 2016-2017 academic year - 90.8%; 2017-2018 academic year - 91.2% of the 2018-2019 academic year - 91.3%.

Employers take part in the development and coordination of EP by making their proposals for new elective disciplines. The university has acts of coordination of accredited educational programs with employers according to educational and methodological documents, according to the list of readable disciplines. Monitoring of employers on the competencies of graduates and their employment in the professional labor market of Kazakhstan is carried out by the university on the basis of requests from the MES RK. According to the results of the survey, companies identify the need for employees by profession, position and specialty, the proposed average starting salary when applying for a job, the level of employer satisfaction, and recommendations for solving the problem of eliminating deficiencies of practical skills among graduates in employment.

The participation of students in the review of the EP does not reflect the issues of the study load, the effectiveness of knowledge control procedures, therefore, the commission recommends that students' opinions be more widely considered at the design stage and the discussion of the EP by including them in the scientific and methodological council or other collegiate bodies.

Informing students, teaching staff, employers about changes to the EP is not fully implemented, which was revealed during interviewing of interested parties. Such information is not published on the website of the university. In this regard, the commission believes that it is necessary to ensure constant and timely information to

students, faculty members, employers through various channels of communication about all changes made in the EP.

According to the results of the survey, the level of accessibility and responsiveness of the university management was “fully satisfied” - 80.6%, “partially satisfied” - 17.2%, “partially not satisfied” - 1.1%, “not satisfied” - 1.1% of students. The availability of teachers' guidance was rated as “very good” - 55.1%, “good” - 36.7%, “relatively bad” - 8.2% of teaching staff.

Strengths / best practice for EP 5B072400 / 6M072400 - “Technological Machines and Equipment (by Industry)”, 5B070800 - “Oil and Gas Business”:

1 The monitoring conducted by the university takes into account the workload, performance and graduation of students.

Recommendations EEC for EP 5B072400 / 6M072400 - “Technological machines and equipment (by industry)”, 5B070800 - “Oil and gas business”:

1 Ensure the involvement of students, employers and other stakeholders in the procedures of continuous monitoring, periodic evaluation and review of the EP by including them in the collegiate bodies of the university.

Conclusions EEC on the criteria:

According to the standard “Continuous monitoring and periodic evaluation of educational programs,” 10 criteria are disclosed, of which EP 5B072400 / 6M072400 is “Technological machines and equipment (by industry)”, 5B070800 is “Oil and Gas Business” 1 criterion has a strong position, 8 are satisfactory, 1 position needs improvement.

6.5. Standard "Student-centered learning, teaching and assessment of progress"

** The EP's management should ensure respect and attention to various groups of students and their needs, providing them with flexible learning paths.*

** EP management should ensure the use of various forms and methods of teaching and learning.*

** An important factor is the availability of own research in the field of teaching methods of academic disciplines OP.*

** EP management must demonstrate the presence of a feedback system on the use of various teaching methods and evaluation of learning outcomes.*

** The EP's management should demonstrate support for the autonomy of the students, with simultaneous guidance and assistance from the teacher.*

** EP management must demonstrate the existence of a procedure for responding to students' complaints.*

** The university should ensure consistency, transparency and objectivity of the mechanism for assessing learning outcomes for each EP, including the appeal.*

** The university should ensure the compliance of procedures for the evaluation of the educational results of students of EP with the planned learning outcomes and the objectives of the program. Criteria and assessment methods in the framework of the EP should be published in advance.*

** In the university, mechanisms should be defined to ensure that each graduate of the PF master the learning outcomes and ensure the completeness of their formation.*

** Assessors should possess modern methods of assessing learning outcomes and regularly improve their skills in this area.*

The evidence part

In general, the university practices student-centered education, based on the consideration of personal characteristics and the needs of students.

The management of EP provides equal opportunities for students, regardless of the language of instruction, to form an individual program aimed at the formation of

professional competence. Students receive information about the possibilities of forming an individual educational trajectory, as well as assistance with its implementation through the Lotos system, as well as with the help of an adviser. For accredited educational programs, the educational process is implemented in the context of the language of instruction (the state language and Russian). Academic disciplines are provided by teaching methods, methodical instructions to the CDS, SIW, laboratory work.

In the learning process, teaching staff use innovative teaching methods in the form of business and role-playing games, simulation trainings, discussions, brainstorming, situational tasks, and slide show design. Practicing is the presentation of training courses with the use of interactive whiteboards, multimedia projectors, the use of video equipment in the classroom. When conducting seminars, faculty makes active use of monitoring and teaching technologies, electronic textbooks. Such educational methods as imitational training, case-implementation of term papers, modular learning technologies, interactive posters and presentations are being introduced into the educational process.

Students have free access to information resources and library collections, to educational and scientific literature, information databases, including international data sources, placed in electronic libraries.

During the visit to the practice bases, the practice managers from the enterprise noted a sufficient theoretical and practical level of preparedness, interest in obtaining additional practical knowledge, studying in accredited educational programs.

PPP EP is carried out certain work aimed at improving the methodology of teaching academic subjects of EP.

The evaluation mechanism includes current control, mid-term control, intermediate and final certification. Assessment of knowledge, skills and professional competencies, students of the credit technology of training, is carried out on a 100-point scale with the conversion of the final result into an alphabetic and numeric equivalent. For the period of the examination session at the university, an appeal commission is created by order of the rector. All educational achievements of students are reflected in the transcript.

Monitoring the progress of students on the educational trajectory is carried out by the Office of the Registrar on the basis of a system for evaluating the results of students and faculty reports of the department. Academic achievements of students in all types of educational assignments and tasks are evaluated on a point-rating alphabetic system of knowledge assessment. Due to changes in regulatory documents, in particular, the approval of the "Model Rules for Higher and Postgraduate Education Organizations" (order of the Ministry of Education and Science of the Republic of Kazakhstan No. 595 of November 30, 2018), the university has developed rules for conducting current control, intermediate and final certification, which provides for accounting system of educational achievements of students. For example, students Abdygappar G.K. (discipline - Development of oil fields), Smagambetov DS and Turganbek A.Ғ. (Discipline - Ecology and Chemical Technologies) who received an assessment of FX during the winter exam session of the 2018/2019 school year, were allowed and passed exams without re-writing to the discipline (statements No. 123938 and 122965, respectively).

Intra-university quality control of training is carried out on the basis of the Platonus program, which allows students and teachers to view the results of the current, mid-term, intermediate monitoring of academic achievement online.

For social support of students, the university has developed rules for awarding internal grants and types of discounts for undergraduate and graduate programs (approved by the vice-rector for SD 24.06.2016).

In order to improve the quality of the organization and effectiveness of the educational process, control the degree of independence of the graduates' projects

(projects), master's theses, and improve their self-discipline and respect for intellectual property rights, all works are tested for plagiarism.

To monitor the effectiveness and efficiency of teaching, a survey is conducted among students. "The teacher is through the eyes of students." As the analysis of the results of the survey showed, students sufficiently appreciate their teachers both in terms of personal and professional qualities. The average score is from 4.1 to 4.5 with a 5-point grading scale.

The results of the SJC testify to a stable positive impact of teaching methods on the quality of the educational process. In the period 2014-2018 years. The quality of knowledge on the basis of state examinations and the protection of final papers is stable (table 2):

Table 2 - the results of the SAC

Specialty		Student contingent (person)														
Code	Name	2013- 2014			2014- 2015			2015- 2016			2016- 2017			2017- 2018		
		Total admitted to the	Share successfully	Average score GAK	Total admitted to the	Share successfully	Average score GAK	Total admitted to the	Share successfully	Average score GAK	Total admitted to the	Share successfully	Average score GAK	Total admitted to the	Share successfully	Average score GAK
5B070800	Oil and gas business	220	95,2	3,82	90	100	3,24	49	98,8	2,85	410	100	2,91	19	94,7	2,8
5B072400	Technological machines and equipment	70	100	3,45	44	100	3,37	53	100	3,15	30	100	3,2	56	99,5	3,2
6M072400	Technological machines and equipment (by industry)	70	100	3,7	4	100	3,2	5	80	4,0	40	100	3,5	40	100	3,2

The university developed and introduced criteria for assessing the knowledge and skills of the oral exam (Rules for the ongoing monitoring of progress, intermediate and final certification of students at the Korkyt ata Kyzylorda State University), which allow to increase the objectivity of knowledge assessment.

The planned learning outcomes of the study program are published in MOPs. The results of training for each discipline and evaluation criteria are published in the syllabuses of the relevant disciplines. Students of accredited educational programs have the opportunity to familiarize themselves with the MEP on the university website (www.korkyt.kz Education / Undergraduate / Magistracy), with the syllabuses of disciplines - in the electronic library of the university (internal local network).

Also, when forming commissions for the protection of course, diploma and master's works, representatives from the most competent persons of the teaching staff of the department are invited, with the involvement of outsiders (chairperson of SAC), who have appropriate qualifications, scientific degree, experience in commissions of SAC.

In the course of interviews with students, it was suggested that EP management should focus on conducting practice-oriented classes, introducing a dual form of training.

Analytical part

Analysis of the standard "Student-centered learning, teaching and assessment of progress" showed that, according to the accredited EP, modern learning technologies are used.

At the same time, members of the EEC note that the department "Oil and Gas Engineering" has a low share of its own research in the field of teaching methods in academic disciplines EP.

Based on the results of the analysis of the submitted materials, the EP's management did not demonstrate the presence of a feedback system on the use of various teaching methods and assessment of learning outcomes, as well as the availability of procedures for responding to students' complaints. However, when visiting practice bases and conversations with employers, the latter note a fairly good level of theoretical training of students, their interest in mastering the specialty.

The survey conducted during the visit of the EECAAA showed that the level of teaching quality is fully satisfied - 86% of students. Full satisfaction with the fairness of the exams and certification was expressed by 86%, and by the tests and examinations conducted 90.3% of the students.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 The use in the learning process of innovative learning technologies, allowing to intensify the cognitive activity of students;

2 Existence of a mechanism for assessing the results of training for all types of control (current and boundary control, intermediate and final certification), including the appeal procedure.

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 It is necessary to organize the conduct and development of their own research in the teaching methods of the EP disciplines;

2 EP management to increase the percentage of EP students involved in research and development work with participation in grant financing, social projects, Erasmus + programs, as well as various creative competitions.

Conclusions EEC on the criteria:

According to the standard "Student-centered learning, teaching and assessment of progress" 10 criteria are disclosed, of which EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business" 2 criteria have a strong position, 7 are satisfactory, 1 position needs improvement.

6.6. Standard "Students"

* *The university should demonstrate the policy of forming a contingent of students in the context of EP from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.*

* *The EP's management should demonstrate the implementation of special adaptation and support programs for new-comers and foreign students.*

* *The university should demonstrate the compliance of its actions with the Lisbon Recognition Convention.*

* *The university should cooperate with other educational organizations and national centers of the European Network of National Information Centers for Academic Recognition and Mobility / National Academic Information Recognition Centers ENIC / NARIC to ensure comparable recognition of qualifications.*

* The EP's management should demonstrate the presence and application of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal training.

* The university should provide an opportunity for external and internal mobility of students of EP, as well as assist them in obtaining external grants for training.

* The EP's management should make the maximum amount of efforts to provide trainees with practical training places, facilitate the employment of graduates, and maintain communication with them.

* The university should provide graduates of the EP with documents confirming their qualifications, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.

* An important factor is the monitoring of employment and professional activities of graduates of EP.

* The EP's management should actively encourage students to educate themselves and develop outside the main program (extracurricular activities).

* An important factor is the presence of a valid alumni association / association.

* An important factor is the availability of a support mechanism for gifted students.

The evidence part

EP management demonstrates the policy of forming a contingent of students of EP from admission to graduation and ensures the transparency of its procedures. For the formation of a contingent of students, faculty the department conducts career guidance in secondary schools, in organizations of secondary special education of the city of Kyzylorda and in other regions of Kazakhstan. Additional conditions for applicants the university does not show.

The formation of student contingent is carried out at the expense of allocated state educational grants and by paying tuition at the expense of own funds of citizens and other sources. On the university website, applicants can obtain information about the rules for admission to the university, the list of specialties, and the procedure for receiving documents.

Information on the contingent on the EP for the accredited period are presented in tables 3, 4, 5 and 6.

Table 3 - Information on the contingent of EP 5V072400-Technological machines and equipment

5B072400-Technological machines and equipment		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Reception	Total	62	23	12	17	13
	Full-time	60	23	11	17	13
	Absentee	2				
	TO			1		
Deducted	Total	3	2	2		1
	Full-time	3	2	2		1
	Absentee					
	TO					
release	Total	44	53	30	57	
	Full-time	41	51	30	56	
	Absentee		2			
	TO	3			1	
Number of educational grant holders / paid training	Total	110/81	90/76	71/51	63/49	48/23
	Full-time	110/75	90/76	71/51	63/49	48/23
	Absentee	-/6				
	TO					
Foreign students	Total					1
	Full-time					1
	Absentee					
	TO					

Table 4 - Information on the contingent of EP 5B070800-Oil and gas business

5B070800- Oil and gas business		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Reception	Total	69	19	30	16	23
	Full-time	19	-	7	6	3
	Absentee	50				
	TO		19	23	10	20
Deducted	Total	2	3	1	2	2
	Full-time	2	3	1	2	
	Absentee					
	TO					2
release	Total	90	48	41	37	
	Full-time	47	8	23	18	
	Absentee		40			
	TO	43		18	19	
Number of educational grant holders / paid training	Total	26/173	11/115	7/85	7/68	4/54
	Full-time	26/77	11/43	7/42	7/28	4/14
	Absentee	-/51	-/53	-/3		
	TO	-/45	-/19	-/40	-/37	-/40
Foreign students	Total					
	Full-time					
	Absentee					
	TO					

Table 5 - Information on the contingent of EP 6M072400-Technological machines and equipment (scientific and pedagogical direction)

6M072400 - Technological machines and equipment		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Reception	Total	5	3	3	1	5
Deducted	Total					
release	Total	4	5	3	4	2
Number of educational grant holders / paid training	Total	4/5	3/5	3/3	4/1	7/-
Foreign students	Total					

Table 6 - Information on the contingent of EP 6M072400-Technological machines and equipment (profile direction)

6M072400 - Technological machines and equipment (profile)		2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Reception	Total		3	1		1
Deducted	Total					
release	Total			3	1	1
Number of educational grant holders / paid training	Total		-/3	-/4	-/1	-/1
Foreign students	Total					

However, despite the measures taken to receive students for the first year, the contingent of students in full-time tuition in EP 5B070800 - "Oil and Gas Business" amounts to only 16 people.

For those who enter the first course, there is a planned "Organizational Week", during which students learn about the structure of the university, meet with the leadership of the faculty and department, advisors. The university has established a training and exhibition hall - "President and Independent Kazakhstan", which contains audio and video materials, copies of important documents on the achievements of the Republic of Kazakhstan over the years of independence, activities and achievements of the Head of State on this path, where students learn during the organizational week with the history of the life of the first President and independent Kazakhstan. Events are held on the dedication of freshmen to students.

The dean of the faculty is responsible for organizing the movement of a contingent of students, for documentary support for the movement of a contingent of students, for the formation and maintenance of personal files - the head of the student department.

The university is doing some work on academic mobility of students. A department has been created for the planning of the educational process and academic mobility, and the regulations on academic mobility (internal and external) and on the recalculation of credits by the ECTS system have been developed. However, during the reporting period, within the framework of academic mobility, students of accredited educational programs did not go to study at other universities.

Professor O. Obozov (Kyrgyz State Technical University named after A. Razakov, Bishkek) was invited to advise undergraduates, give lectures, conduct master classes.

The EP management created the conditions for providing students with a high-quality internship, the university entered into agreements with enterprises for all types of practice.

In order to study the labor market, monitoring of graduates' employment is carried out, an electronic database of graduates is compiled in the AIS "E-UNIVER", which is systematically updated. Each year, a plan is developed for the employment of university graduates, which includes the following activities: organizing meetings with enterprise managers, organizing and holding job fairs, organizing joint work with the city department of labor and employment for employing graduates for vacancies, developing a preliminary distribution plan at the faculty level, conducting personal distribution of graduates with the participation of employers.

According to the results of graduates, it is possible to conclude that the graduates are highly trained (table 7).

Table 7 - The results of graduates in the last five years

Year of issue	State exam		Final qualifying work	
	Average score	Quality of knowledge	Average score	Quality of knowledge
2013-2014	3,7	94,2	3,84	98,1
2014-2015	3,5	88,4	3,6	91,4
2015-2016	3,1	89,2	3,2	88,2
2016-2017	3,1	85,2	3,2	82,5
2017-2018	3,3	78,1	3,45	88,1

Research work of students (RWS) is an integral part of the educational process. Already from the first days of training, students master the means and methods, techniques and procedures for performing research, on the instructions of teachers perform experimental research related to theoretical disciplines. The result of this work is the participation of students of accredited EP in university, regional, republican and

international student scientific and practical conferences and competitions held in cities of the Republic of Kazakhstan and the near and far abroad (Moscow, Ufa, Poland, Beijing).

Practically all students, and even more the undergraduates, have published articles by the end of their studies, which predetermines the opportunity for bachelors to enter the magistracy, and to undergraduates to qualify for doctoral studies.

In 2014, a student of the ND-10-1 group Z.M.Turganbayeva participated in a project on the topic: "Investigation of the physicochemical properties of oil-polluted soils of the Kyzylorda region" within the framework of a bilateral agreement.

In 2015, students of the specialty participated in the international scientific-practical conference "Integration of education and science: the challenges of the modern world", dedicated to the 70th anniversary of the Victory in the Great Patriotic War held in Aktobe, KRMU.

Students of the educational program participated in national competitions and won prizes: in 2016, students of the specialty participated in the VIII Republican Olympiad in the specialty 5B070800- "Oil and Gas Business" held in KazNTU named after K.I. Satpayev in Almaty and took 2nd place - Diploma of the Ministry of II degree.

Students of the educational program participated in national competitions and won prizes: in 2017, students of the specialty participated in the IX Republican Olympiad in the specialty 5B070800- "Oil and Gas Business" held at the Ural ZhKATU named after Ural and won the 1st place - Diploma of the Ministry of I degree .

In 2017, students of the educational program participated in competitions of research works of students of higher educational institutions of the Republic of Kazakhstan on the topic: "Investigating ways to protect the wells from exploitation (Educational Institute of Education).

In 2018, on April 3-4, on the basis of Korkyt ata Kyzylorda State University, the X Republican subject Olympiad was held among students of the specialty 5B070800 - "Oil and Gas Business" of higher educational institutions of the Republic of Kazakhstan. 8 higher educational institutions of the Republic of Kazakhstan were registered for participation in the Olympiad.

Every year, students with scientific reports participate in university and republican scientific conferences held at Korkyt ata KSU.

At the same time, the absence of funded grant and contractual work at the Oil and Gas Engineering department does not allow students to actually participate in the implementation of scientific and experimental research on applied topics.

The university has student collegiate bodies - the Committee on Youth Affairs, the Alliance of Students of Kazakhstan, the Youth Wing of the Zhas Otan Party, the Student Self-Government Organizations, the Student Research Sections, etc.

Educational work is carried out in the following main areas: the holding of traditional events; civil patriotic education; crime prevention; healthy lifestyle (healthy lifestyle); spiritual and moral education; environmental education; aesthetic education, etc.

Support for gifted students is also provided in terms of the fact that the university has a system of flexible payment terms and a wide system of incentives. Excellent students and activists can get a discount in payment from 10 to 50 percent. Students and undergraduates can receive a rector grant.

Group advisors inform gifted students about support programs. Also, additional information students and undergraduates can get on the website of the Korkyt ata Kyzylorda State University - www.korkyt.kz.

Korkyt Ata KSU provides graduates with documents confirming their qualifications, including the achieved learning outcomes, as well as the context, content and status of education received and evidence of its completion.

Analytical part

According to the analysis of the contingent of students, the commission notes that there is a slight decrease in the contingent, especially compared to the 2014/2015 academic year. One of the reasons for the decline in the contingent is the implementation of the Serpin program, which leads to an outflow of applicants from the region.

The university has an Alumni Association of Korkyt ata KSU., however, there is no confirmation of her real work. In this regard, it is necessary to develop activities that would enhance the work of the Alumni Association in the activities of the university.

According to the survey results, 80.6% of students express full satisfaction with the availability of academic counseling, the availability of health services - 66.7%, the availability of library resources - 92.5, the existing educational resources - 84.9%, the overall quality of the training programs - 87.1% , the ratio between student and teacher is 84.9%.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 The university demonstrates the policy of forming a contingent of students from admission to graduation and ensures the transparency of its procedures;

2 Conducting an "Organizational Week" designed to adapt and support students who are admitted to the first year;

3 The university provides graduates of the EP with documents confirming their qualifications;

4 Availability of an electronic database of graduates in the AIS "E-UNIVER" for organizing and conducting monitoring of the employment of graduates and their professional activities;

5 Support by the leadership of the university gifted students.

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 Increase the role of the Alumni Association in the activities of the university.

Conclusions EEC on the criteria:

According to the Standard "Students", 12 criteria are disclosed, of which EP 5B072400 / 6M072400 are "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business" 5 criteria have a strong position, 6 are satisfactory, 1 position needs improvement.

6.7. Standard "Faculty"

** The university should have an objective and transparent personnel policy, including in the context of EP, including recruitment, professional growth and staff development, ensuring the professional competence of the entire state.*

** The university should demonstrate the compliance of the staff potential of faculty with the development strategy of the university and the specifics of the EP.*

OII The management of the EP must demonstrate awareness of responsibility for its employees and provide them with favorable working conditions.

OII The EP's management must demonstrate a change in the role of the teacher in connection with the transition to student-centered education.

** The university should determine the contribution of the teaching staff of the EP to the implementation of the university development strategy, and other strategic documents.*

** The university should provide opportunities for career growth and professional development of teaching staff.*

OII The EP's management should involve practitioners from relevant fields in the teaching.

OII The EP's management should provide targeted actions for the development of young teachers.

**The university should demonstrate the motivation of professional and personal development of teachers of EI, including the promotion of both the integration of science and education, and the use of innovative teaching methods.*

**An important factor is the active use of teaching staff in the educational process (for example, on-line learning, e-portfolio, MoEP, etc.).*

**An important factor is the development of academic mobility within the framework of the EP, attracting the best foreign and domestic teachers.*

**An important factor is the involvement of teaching staff in the community (the role of teaching staff in the education system, in the development of science, the region, creating a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).*

The evidence part

The implementation of educational programs 5B072400 / 6M072400 - "Technological machines and equipment (by industry)" and 5B070800 - "Oil and gas business", is provided by the department "Oil and Gas Engineering" of the Faculty of Environmental Engineering. The number of faculty at the EP are planned on the basis of the contingent of students, the training load on one full-time teacher.

The staff of the department "Oil and Gas Engineering" consists of 13 full-time teachers, including 4 candidates of technical science, including 2 professors, 2 associate professors, and 8 masters, which is 33.3% of the degree.

The degree of teaching staff in the 2018/2019 academic year for the undergraduate educational program is 58.0%.

Educational programs 6M072400 - "Technological Machines and Equipment (by Industry)", served by 16 teachers, including 13 PhDs and 3 Masters. The degree of EP is 81%.

The average age of full-time faculty members with academic degrees and titles was 39 years. Of the full-time faculty classes in the state language are 100% of teachers.

The presence of basic education of the faculty of the department on a profile is 100% - this is an oil engineer, a process engineer, a mechanical engineer in the specialties 5B072400- "Technological machines and equipment", 5B070800- "Oil and gas business", 6M072400- "Technological machines and equipment.

The administration of the EP demonstrates the application of the personnel policy of the university in accordance with the approved documents: the Charter of the RSE for PVC "Korkyt ata" (08/21/2012, with changes and additions dated August 25, 2014, 03/03/2016); Collective agreement (06/21/2016); Regulations on wages (12/30/2015); Regulations on the certification of pedagogical workers and persons equivalent to them (08.12.2017); The position of competitive replacement for university vacancies (March 5, 2018, as amended on April 11, 2018), etc.

Personnel selection is carried out on the basis of an analysis of the needs of the educational program, the results of which announce a competition for filling vacant posts. The assessment of the competence of teachers at the university to determine compliance with the position held is carried out by full-time employees of competitive filling of teaching staff and certification, in accordance with the requirements of the competition commission and in accordance with the current legislation of the Republic of Kazakhstan.

The selection process - recruiting and certification of personnel is directly related to the movement of personnel, which is reflected in the relevant orders of the university. The process of promotion and rotation of personnel is carried out by management on the basis of professional achievements, executive discipline, and managerial skills of an employee.

The rotation process is regulated in accordance with the qualification characteristics of the positions of scientific and pedagogical workers of organizations of higher and postgraduate professional education, approved by the order of the MES of RK dated July 13, 2009 No. 338.

Indicators on the qualitative and quantitative composition of faculty confirm the availability of human resources necessary for the implementation of accredited educational programs.

In order to improve personnel policy and stimulate active professional growth, the University has developed a Regulation on the personnel reserve of staff and teaching staff. For the work of faculty and staff at the university created favorable conditions. Guide EP provides a psychological microclimate in the team. This was confirmed during meetings with faculty and staff of the University, during a visit to the department "Oil and Gas Engineering."

The main indicator of the success of the implementation of personnel policy is to improve the quality level of faculty. In this direction, the university carries out purposeful work, as evidenced by the steady qualitative growth of faculty. Summaries of teaching staff implementing accredited educational programs are presented on the university website.

The departments are assigned the functions of organizing the selection, regulation of the structure of staff, determining and managing the qualitative composition of the teaching staff, advanced training, distribution of the teaching staff according to educational programs, managing staff load, creating conditions for professional growth, monitoring, monitoring and assessing the quality of faculty - teaching staff, organization of labor incentives.

For the professional development of young teachers, each of them is assigned a mentor from among experienced teachers to provide them with methodological assistance in organizing training sessions. Annually it is planned to enroll in the magistracy and in the target doctoral studies of young teachers.

The calculation of the academic load for the academic year is carried out by the department in accordance with the working curriculum of the specialty and the contingent of students. Distribution of academic load is made taking into account the qualifications of teachers. Lectures are held by candidates of sciences, professors, associate professors, senior teachers.

An individual teacher's work plan is drawn up annually, reviewed at a department meeting, approved by the head of the department.

During the school year, additions and changes to the types of work can be made only on the basis of the resolution of the meeting of the department. Semi-annual and annual reports of faculty by sections (educational, educational and methodical, research, educational work) are discussed and approved at a meeting of the department. The implementation of the planned types of work in the department as a whole is analyzed in the annual report of the department.

One of the forms of enhancing the educational process is the reciprocal attendance of classes by teachers of the department, conducting open classes, questioning "The teacher through the eyes of students." The results of these activities serve as the basis for the extension of the employment contracts of faculty, promotion, assignment of the badge "The best teacher of KSU named after. Korkyt ata ", participation in the annual republican competition "The best teacher of the university ", material incentives for teaching staff.

The faculty of the department "Oil and Gas Engineering", have state awards, honorary titles, certificates of merit in the field of education of the Republic of Kazakhstan.

EP management ensures the completeness and adequacy of individual planning of the work of teaching staff for all types of activities, monitoring the effectiveness and efficiency of individual plans, and evidence has been demonstrated that teachers have completed all types of planned workload.

The workload of the teaching staff of specialties includes educational, educational and methodical, scientific, organizational and methodical work, increasing professional competence.

During the reporting period, teachers of the department "Oil and Gas Engineering", developed and implemented in the educational process more than 100 scientific papers, including textbooks, educational and teaching aids, methodical instructions, workshops.

The Republican Publishing Center of the Ministry of Education and Science of the Republic of Kazakhstan recommended for publication the textbooks of teachers of the department T. Zh. Zhumaklova, P. A. Takzharyykovala, M. M. Abzhayev "Endiris Kaldykyryn tiimdi paidalanu aryly ecologiya zhansart" (monograph), T. Zh. Abzhaev "Munay zhane gas Kymalyarin paidalanu zhabdyuktaryn essepteu" (practitioner oqu Urali), M.Zh. Doszhanova, P.A. Tauzharykova, K.B. Baitasova, etc. "Theory of non-stationary dynamic construction elements of building structures with the environment" monograph).

To improve the quality of teaching, to ensure a close relationship with the production of the educational process involved experts with experience in the profile of the department. The department annually invites specialists from the production to conduct guest lectures, so during the reporting period were invited:

1. Sadvakasov Dastanbek - deputy director of oil techservice LLP on the topic: "Improving the reliability of technological machines in oil and gas production."

2. Baimanov Galum - Vice President of PKKR JSC, on the topic: "Perspective oil and gas fields in Kazakhstan"

In all disciplines of the department developed teaching materials.

The average annual load of faculty is approved by the Academic Council of the university. For the 2018/2019 school year, it is 667 hours.

Analytical part

Experts from the EEC note that in the teaching process, teaching staff use innovative teaching methods in the form of business games, discussions, and situational tasks. The teachers have successfully practiced the presentation of training courses with the use of interactive whiteboards, multimedia projectors, the use of video equipment in the classroom.

The personnel potential corresponds to the implemented EP.

At the same time, according to the results of the analysis of the documents submitted by the university, interviews with teachers of the EEC found that the faculty members were not active in academic mobility programs within the framework of the accredited EP.

According to the results of the IAAR survey, the teaching staff expresses full satisfaction with the level of accessibility of the university management - 63%; encouraging innovation - 54.3%, the level of incentives for young professionals to the educational process - 58.7%, recognition of the capabilities and abilities of teachers - 54.3%. The teaching staff assesses the work delivered at the university for academic mobility - 45.7% and teacher development - 54.3%.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 Availability of personnel policy to ensure the compliance of the staff potential of the faculty with the strategy and the specifics of educational programs;

2 Creation of favorable conditions for faculty and staff of the university;

3 Organization of methodological assistance to young teachers in conducting studies and the availability of a mechanism to stimulate the professional growth of faculty and staff in accordance with the objectives of the development of EP;

4 The involvement of faculty in the public life of the region in accordance with their professional activities.

Recommendations EEC for 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 To take measures for the organization of academic mobility of teaching staff in the framework of the accredited EP;

2 Develop activities to attract the best foreign and domestic teachers to participate in the educational process, conduct joint research and implement research projects.

Conclusions EEC on the criteria: (strong / satisfactory / suggest improvement / unsatisfactory)

According to the standard "Teaching staff", 12 criteria are disclosed, of which EP 5B072400 / 6M072400 is "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business" 4 criteria have a strong position, 8 are satisfactory.

6.8. Standard "Educational resources and student support systems"

* EP management must demonstrate the adequacy of material and technical resources and infrastructure.

* The EP's management must demonstrate the presence of support procedures for various groups of students, including information and counseling.

* EP management must demonstrate the compliance of information resources with the specifics of the EP, including compliance with:

- technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);

- library resources, including the fund of educational, methodical and scientific literature on general educational, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;

- examination of research results, final papers, dissertations on plagiarism;

- access to educational Internet resources;

- WI-FI functioning on the territory of the educational organization.

* The university should strive to ensure that the educational equipment and software used for the development of educational programs are similar to those used in their respective fields.

* The university should ensure compliance with safety requirements in the learning process.

* The university should strive to take into account the needs of various groups of students in the context of EP (adults, workers, foreign students, and students with disabilities).

The evidence part

In the course of the IEC, the experts made sure that the university has the material, information and library resources used to organize the process of training and educating students and implementing the mission, goals and objectives of . Korkyt ata.KSU.

An important factor in ensuring the quality of education and guaranteeing the sustainable development of a university is the continuous improvement of material, technical and human resources. The university has created conditions for students, conducting research, publishing research results.

There is a student support system, a medical center, catering areas, sports facilities, a library, 4 student dormitories and one teacher hostel, a historical and ethnographic museum.

Logistical and social base, located in the operational management of. Korkyt ata KSU, located in Kyzylorda, consists of 10 educational buildings, with a useful area of 50,953.5 m².

The area of the university's closed sports facilities is 6,486.7 m², they include 7 gyms and the Seykhun sports and recreation complex, which has a training gym, a swimming pool and a gym. There are 5 summer outdoor sports facilities with a total area of 8,411 m². To provide food for students and staff of the university, 7 canteens with 770 seats function with a total area of 3,247.7 m². The university has a medical center with a total area of 109

m2. For cultural events there is a Palace of Students for 456 seats with a total area of 1,900.3 m2.

The university has available all the necessary documents confirming the right to real estate. All buildings in which classes are held comply with sanitary standards and fire safety requirements.

Systematic work is underway to update and improve the material and technical base of the accredited EPs. Learning data EP have the opportunity and access to use the socio-cultural, sports facilities of the university.

The scientific and technical library has several of its own bibliographic databases - "Works of teachers", "Journals", "Author's abstracts", "Rare books". The library has 2 electronic reading rooms, which are equipped with modern office equipment. In the reading rooms, users can work with electronic textbooks, electronic catalog, electronic library of REMEL, audio, video materials.

Scientific and Technical Library of KSU. Korkyt ata has access to Springer Link electronic databases (<http://link.springer.com>), Web of Science (<http://apps.webofknowledge.com>), the Republican Scientific and Technical Library ([http://kyzylorda / ntb. kz](http://kyzylorda.ntb.kz)).

The university operates AIS "Platonus". In the disciplines of the accredited EP, the electronic versions of the ECD are placed in the "E-UNIVER" system, to which all students and faculty members of the department have access if they have a personal account with login and password authorization.

Foundation of Scientific and Technical Library of. Korkyt Ata KSU. is 2202483 copies of educational, educational and scientific literature. 1091854 units (49.6%) are in the state language.

The main part of the fund - 1775755 copies, is educational literature (936245 - in the state language), educational-methodical literature - 184098 copies (94805 - in the state language), scientific literature - 242630 copies (60804 - in the state language). The fund of additional literature is represented by official publications, reference and bibliographic publications (industry dictionaries, reference books, encyclopedias), scientific publications, electronic publications, electronic information databases.

The university annually allocates funds for the purchase of books and periodicals.

To provide Internet access, the university has an optical network with unlimited traffic at a speed of 200 Mb / s. The total number of university computers is 1017 units, of which 887 computers are connected to the university's corporate network. All educational buildings and dormitories are connected to the wireless Internet Wi-Fi with a speed of 16 MB / sec. To ensure the quality of the educational process, the university has educational laboratory equipment for technical specialties, as well as licensed software (computer simulator "2D and 3D recognition of gas and oil showings", automated training system "Pump operation of wells and installation of complex oil preparation", "Automated control of technological processes "and others.).

For the organization of the educational process, research work on the EP of the department "Oil and Gas Engineering" and the creation of appropriate conditions in the areas of training bachelors and postgraduate vocational education (magistracy) faculty use the following resources (Table 9)

Table 9 - Specialized audiences and laboratories used in the implementation of the EP of the department "Oil and Gas Engineering"

Nº	building	Nº lecture hall	Square meter	Audience capacity	Lecture hall application

1	5	115	95,37M ²	30	Equipment and materials in integrated laboratories
2	5	115 ^a	24,6M ²	20	Commissioning of equipment and materials in the laboratory "Drilling and grouting solutions"
3	5	115 ⁶	67,6M ²	24	Equipment and materials in the laboratory Welding technology
4	5	203	53,1M ²	12	Scientific - educational laboratory "Automated control of technological processes"
5	5	512	93,96M ²	66	Equipment and materials in the lecture hall
6	5	513	70,56M ²	54	Equipment and materials in the lecture hall
7	5	515	50,85M ²	26	Equipment and materials in the classroom "Interactive technology"
8	5	516	68,93M ²	48	Equipment and materials in the lecture hall
9	5	518	93,96M ²	12/ 12	Computer class (laboratory equipment)

Each specialized cabinet has a passport, is equipped with safety instructions. A log of the work of teachers and students in specialized classrooms. At the beginning of the school year, the head of the laboratory conducts induction training for first-year students on the rules for using these classrooms.

The Department "Oil and Gas Engineering" in 2018 entered into an agreement on the opening of a branch of the department with the LLP "Kyzylorda Mechanical Plant KVANT".

It is possible to note the possibility of introducing a dual training system in the context of the accredited EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)" at the branch of the department.

In general, the material, technical, informational and library resources used to organize the process of training and education are sufficient to fulfill the stated mission, goals and objectives and meet the requirements of the educational programs being implemented. To assess the quality of the material, technical and information resources used in the implementation, the EP conducts interviewing and questioning of students, teaching staff.

The students are accredited by the EP 5B070800-Oil and gas business, 5B072400-Technological machines and equipment have the opportunity to pass professional practices in industrial organizations: JSC PetroKazakhstan Kumkol Resources, JSC Turgay Petroleum, KazGermunay LLP, NC KOR JSC, LLP Kumkol Service ", KazPETROLL GROUP LLP, etc.

The university has an editorial and publishing service, which performs work on the reproduction and provision of educational and methodical literature, printing and printed products.

Check for plagiarism is Korkyt ata KSU through the universal system "Antiplagiat". Checking for borrowing without reference to the author and the source of borrowing a doctoral dissertation is carried out by the National Center for Scientific and Technical Information. Since January 2018, an agreement has been concluded with ZAO Antiplagiat.ru to check written works (diploma and master's works, monographs, UE, scientific articles) through the Internet version of Antiplagiat. University.

The university has developed and successfully operates a developed service center, which includes 10 academic buildings, 5 dormitories, student cafeterias, a science and technology library (with over 2 million books, 7 reading rooms, 2 electronic rooms), modern computer classes with Internet access, the Palace of Students, the Seykhun sports complex (with a swimming pool, showers, a gym), 7 sports halls, 3 summer sports grounds, an engineering profile laboratory, museums, a greenhouse, an educational exhibition Hall "Independent and Elbasy", training and tactical training ground of the military department of the university.

For the extracurricular activities of students at the university, there are student groups: the public association "Student Zhastar Odagy", the youth wing "Zhas Otan", the student trade union committee, the public organization "Ulagat Ulandary", the debate club "Akinikat", the intellectual club "Dreamclub", the student squad Zhasyl el ", KVN team "Korkyt Kyrandary ", " Kyz Zhybek ", " Korkyt Zhastary ", dance group " Farida ", sports sections on 11 types, etc.

Analytical part

Students are available teaching materials, published by teachers. In order to improve the learning process, the teachers of the departments prepared guidelines, manuals and designs published in various publishing houses (including in the state language). The EEC Commission notes the lack of materials in English.

As a result of a visual inspection by the members of the EEC of objects of the material base, it has been established that the university has all the necessary educational and material assets to ensure the educational process of the educational programs being accredited. The buildings and facilities of the university comply with current sanitary standards and fire safety requirements.

However, there is morally and physically obsolete equipment that is used in the educational process and requires updating.

Students EP 5B070800-Oil and gas business, 5B072400-Technological machines and equipment have the opportunity and access to the use of socio-cultural, sports facilities of the university: Palace of Students for 456 places (1900.3 m²), a hostel for students with a total area of 7157 m², dining room "Zhiger "(493 m²), sports club Syr Symbati "(1190 m²), sports complex" Seykhun "44x25 m (1100 m²), swimming pool 11x25 m (275 m²), sports facilities, gym at educational building No. 5, gym at educational building, sport center at educational building №3, sport center at the main building, dormitory for students, medical center, Historical and Ethnographic Museum. The students have created the necessary living conditions, cultural environment, conditions for sports. Students EP 5B070800 - "Oil and gas business", 5B072400 - "Technological machines and equipment" full-time education live in dormitories number 1, number 3, number 5.

The available classroom fund (lecture halls, educational laboratories, computer classes, specialized classrooms) of the Faculty of Engineering and Ecology (5th academic building) provides for the need of students of accredited EPs in classrooms.

For all disciplines of the department "Oil and Gas Engineering" there are teaching materials on the electronic and magnetic media teaching staff. Theses and master's theses are tested for plagiarism.

In the fund of educational, educational and methodical literature on accredited EP there is obsolete literature. In this regard, it is recommended to pay attention to the constant updating of the stock of literature.

The university seeks to address the needs of various groups of students in the context of EP. During the conversation with students, information was received that the deans considered and provided the opportunity to attend classes on individual schedules for working students on a contractual basis and working in their specialty. However, in general, at the university there is an insufficient provision of conditions for students with disabilities.

According to the results of the students' survey, the availability of library resources was fully satisfied - 85.2%; study rooms, classrooms for large groups - 77.8%; cabinets for small groups - 75.6%; rest rooms for students - 48.1%; computer classes and Internet resources 56.3%. The existing computer classes are fully satisfied - 58.5%; scientific laboratories - 51.1%. The total satisfaction of the students with the provision of hostel is 64.4%.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 Availability of library resources that contribute to the formation of students' professional competence.

Recommendations EEC for 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 To work with potential employers and the alumni association on attracting sponsors, funds and equipment for the development and updating of material resources within the framework of implemented EPs;

2 In order to strengthen the technological support of students and teaching staff, update the material and technical base of the study program by updating the laboratory equipment and technical devices;

3 Continue work on the installation of ramps for people with disabilities, guide markings and color graphic signs and signs for visually impaired students and staff in university buildings.

4 EP Guidelines include a number of activities in the work plan of the department and faculty for the upcoming academic year to develop and implement a plan for publishing educational materials in English.

Conclusions EEC on the criteria:

According to the standard "Educational resources and student support systems" 10 criteria are disclosed, of which EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business" 1 criterion has a strong position, 9 is satisfactory.

6.9. Standard "Public Information"

* The information published by the university within the framework of the EP should be accurate, objective, relevant and should include:

- implemented programs, indicating the expected learning outcomes;
- information on the possibility of assigning qualifications at the end of the EP;
- information on teaching, learning, assessment procedures;
- information about the scores and training opportunities provided by students;
- information on graduate employment opportunities.

* EP management should use a variety of ways to disseminate information, including the media, information networks to inform the general public and stakeholders.

* Public awareness should provide support and clarification of the country's national development programs and the system of higher and postgraduate education.

* The university should publish on its own web resource audited financial statements, including in the context of the EP.

* The university should demonstrate the information on the web resource describing the university as a whole and in the context of educational programs.

* An important factor is the availability of adequate and objective information about the teaching staff of the OP, in the context of personalities.

* An important factor is informing the public about cooperation and collaboration with partners in EP, including with scientific / consulting organizations, business partners, social partners and educational organizations.

* The university should post information and links to external resources on the results of external assessment procedures.

* An important factor is the participation of the university and implemented EP in a variety of external assessment procedures.

The evidence part

The university is doing some work to ensure the availability of information about the mission, goals and objectives of the university, quality policy for the public. One of the main sources of information about the activities of the university, its structural subdivisions, educational programs being implemented, conditions for admission to universities, and others. Is a fairly informative university site <http://www.korkyt.kz>, which is intended both for external and internal use .

Informing the public about the activities of the university, about the areas of preparation is carried out through the media, presentations, booklets. In KSU Since 1992, Korkyt ata has been publishing the Syr tulegi newspaper, which publishes the achievements of the university and students, scientific materials, conversations and essays of the teaching staff. The newspaper allows students in the specialty journalism to gain practical experience and contributes to the formation of journalistic skills.

The university has a press secretary, whose functional duties include direct information support for the activities of the university and its departments; formation through the media of a positive public opinion about the activities of the university; media monitoring, the study of trends in public opinion on the activities of the university and the impact of the media on it.

The public informing the university also provides support and clarification of the national development programs of the country and the system of higher and postgraduate education carried out through the participation of university staff in forums of various levels, promotions, round tables, etc.

Interaction with the media is carried out by publishing information about the university in regional newspapers on radio and television - "24 kz", "Kazakhstan" Alttyk Arnasy ", " Kazakhstan-Kyzylorda ", " Kogam TV ", " Syr Boyi ", " Kyzylorda News ", "Halyk", "El Tilegi", etc. On the website of the university in the tab "Press center" in the section "About us" there are media materials about the university.

The university has official links in social networks - Facebook, Vkontakte, Youtube, Instagram /.

The participation of university faculty in various events is reflected in the news line on the university website (<http://www.korkyt.kz/index.php/kz/>), on youtube.com.

Effective feedback from students is carried out through the feedback service on the students' personal pages, teaching staff in the university's educational portal <http://platonus.korkyt.kz/>, where the student gets access to the academic calendar, the curriculum of his specialty and the formation of an individual curriculum (information about disciplines and teachers), educational materials provided by teachers in the studied disciplines.

The student can familiarize himself with the results of the current, intermediate and final control in his personal account. At the end of the academic periods, the student receives full information about the progress in the studied disciplines (transcript).

The site in the tab "University" published audited financial statements for 2017.

The results of the external evaluation of the university and the educational programs to be accredited through accreditation procedures and participation in various ratings are presented on the university website.

Information for applicants is presented in the tab "Applicant-2019", information boards, posters, stands, banners are placed in the lobby of the university.

On the website of the university published adequate and objective information about the faculty of the accredited EP, in the context of personalities (<http://korkyt.kz/index.php/kz/component/k2/item/376>).

In order to improve the collection, processing, storage and efficient use of the database, the university has developed and implemented an automated workplace system

(automated workplace), the function of which is performed by the E-Univer system (<http://e-univer.korkyt.kz/default.aspx>). The system includes such sections as electronic document circulation, rector's blog, government services, blogs of department heads, Deanat Office, Department of Information, Teacher Information System, Student, Information System, Entrepreneur, Electronic Library, Open educational resource.

The organization and conduct of professional practice, the provision of employment assistance, the monitoring of employment and the analysis of students' career growth is carried out by the Department of Competence Development and Employment and the Department of Oil and Gas Engineering. The university annually holds a job fair, which allows graduates and employers to make contact to select the necessary personnel.

Analytical part

Analysis of the site showed that the information provided reflects the main activities of the university and may be useful for applicants, students, faculty and staff of the university, other interested persons.

Evaluation of satisfaction with information on the activities of the university, the specifics and the progress of the EP implementation is carried out annually by questioning and interviewing interested parties.

A survey of students, conducted during the visit of the EAPAA, showed that 86% of students are fully satisfied with the usefulness of the university's website, total satisfaction with informing students about courses, EP, and academic degrees is 83.9%.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 Accessibility for students of the most possible structured information on the assignment of qualifications, on teaching, training, assessment procedures, including personalized interactive resources;

2 Use of various information dissemination methods to inform the public and interested parties;

3 Availability of a mechanism for disseminating information about the national development programs of the country and the higher education system, about the university as a whole and in the context of educational programs;

4 Participation of the university and implemented EP in a variety of external assessment procedures.

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

There are no EEC recommendations for this standard.

Conclusions EEC on the criteria:

According to the Public Information standard, 13 criteria are disclosed, of which EP 5B072400 / 6M072400 are Technological Machines and Equipment (by Industry), 5B070800 Oil and Gas 6 criteria have a strong position, 7 are satisfactory.

6.10. Standard "Standards in the context of individual specialties"

TECHNICAL SCIENCES AND TECHNOLOGIES

** In order to familiarize students with the professional environment and topical issues in the field of specialization, as well as to acquire skills based on theoretical training, the education program should include disciplines and activities aimed at gaining practical experience and skills in the specialty in general and specialized disciplines in particular including:*

- excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, educational and experimental farms, etc.),
 - carrying out separate occupations or the whole disciplines at the enterprise of specialization,
 - holding seminars to solve practical problems relevant to enterprises in the field of specialization, etc.
- * The teaching staff involved in the education program should include full-time faculty members with long-term experience as a staff member in enterprises in the field of specialization of the education program.
- * The content of all disciplines of the EP should be based in one way or another and include a clear relationship with the content of the fundamental natural sciences, such as mathematics, chemistry, physics.
- * EP management should provide measures to enhance practical training in the field of specialization.
- * The administration of EP should provide training for students in the application of modern information technologies.

The evidence part

The educational process for accredited undergraduate and graduate programs is carried out by annually updating teaching and learning materials, updating the subjects of theses and master's theses, as well as introducing new elective disciplines. Students have access to all library resources, which are updated and replenished annually.

Training in the framework of EP is carried out using modern ICT and licensed software.

Students of the accredited EP are provided with the necessary teaching materials, including on electronic media, educational literature, have the opportunity to work in computer classes with Internet access during self-study.

In order to familiarize students with the professional environment and current issues in the field of specialization, as well as to acquire practical skills based on theoretical training, the educational program provides for various types of practices: training, industry, and pre-diploma. The Department of Oil and Gas Engineering has concluded agreements on the subject of professional practices, defines the responsibilities of students and representatives from the university and the enterprise.

All types of practices are conducted in accordance with the standard curriculum, according to the academic calendar and methodically provided. Students are trained in accordance with the order of the rector of a higher educational institution, which indicates the base of the practice, the terms of its passage and the leaders of the practice from the institution. Upon completion of the practice, students submit reports on the approved form.

Students take part in scientific student conferences organized by both the university and other universities, and the department has been running the scientific group "Zhas manaishy" since 2015.

Monitoring the impact of innovation in the learning process on learning outcomes is carried out at various levels. At the department - through the system of mutual attendance of studies, discussions at methodological seminars. To improve the quality of the educational process for students, guest lectures are organized, including foreign lecturers (Professor Obozov A.D. Kyrgyz State Technical University named after A. Razakov, Bishkek).

To inform students about employment opportunities, the university annually organizes and holds job fairs. As a result of this preliminary work, students, even before graduation, get an idea of the labor market, existing vacancies and the requirements placed on them.

Analytical part

The organization of the educational process for accredited educational programs is carried out in accordance with the normative documents of the MES RK and the academic calendar, according to which the academic period is a 15-week semester. During the

training sessions, modern information technologies are used. Based on the results of the analysis, the EEC members came to the following conclusion.

The faculty of the department "Oil and Gas Engineering" are on a systematic basis, advanced training, which is reflected in the received certificates, but it is worth noting about the need for full-time faculty internships at the main employers

It was established that in a number of specialized disciplines of accredited EP there are no full-time faculty members with long experience as a staff member at enterprises in the oil and gas field.

There are no teachers in the staff of the department "Oil and Gas Engineering" who have practical experience at the enterprises of the industry accredited by the EP.

During a visit to the practice bases (Kyzylorda Mechanical Plant KVANT LLP and KVE RSE "PVASS" (formerly FC VPPO "Ak Beren")) and conversations with heads of enterprises, members of the EEC note that there is a consolidation of theoretical knowledge and practical experience. At the enterprise of Kyzylorda Mechanical Plant KVANT LLP it is planned to open a branch of the Department of Oil and Gas Engineering and to conduct separate practical exercises at the enterprise. At the same enterprises, excursions are conducted for students of EP.

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 Organization of excursions to enterprises in accordance with the directions of training students;
- 2 The content of the disciplines of the OP includes a clear relationship with the content of the fundamental natural sciences, such as mathematics, chemistry, physics;
- 3 Training of students in the application of modern information technologies based on licensed software.

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

- 1 Develop internship plans for teaching staff on the basis of enterprises;
- 2 When forming faculty members for the Oil and Gas Engineering department, provide for the possibility of hiring employees who have long practical experience in the oil and gas and engineering industries;
- 3 To strengthen the practice-oriented orientation of the accredited EPs taking into account the requirements of the labor market and the professional associations of employers, including by increasing the time allocated for production practice on the basis of enterprises.

Conclusions EEC on the criteria:

According to the standard "Standards in the context of individual specialties," 5 criteria are disclosed, of which according to EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business" 3 criteria have a strong position, 2 - satisfactory.

(VII) REVIEW OF STRONG PARTIES / BEST PRACTICES FOR EACH STANDARD

According to the standard "Management of the educational program":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 Availability of a published Quality Policy of KSU named after Korkyt ata, accessible to interested parties;
- 2 Openness of the manual of EP for students, teaching staff, employers and other persons.

According to the "Information Management and Reporting" standard:

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 Use for the system of collecting, analyzing and managing information of the AIS "Platonus" and the AIS University on the basis of "E-UNIVER", ensuring the automation of educational activities and ensuring the quality of EP implementation;
- 2 Availability of information including data on students, their educational achievements, on the availability of educational resources, employment of graduates and key performance indicators.
- 3 Involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them.
- 4 Information collected and analyzed by the university within the framework of the EP takes into account the dynamics of the contingent of students in the context of forms and types; level of achievement, student achievement and deduction.

According to the standard "Development and approval of the educational program":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 Availability of internal regulatory documents defining the main provisions of the development of EP and the organization of educational activities.
2. Ensuring the content of academic disciplines and learning outcomes levels of education (undergraduate, graduate).

According to the standard "Continuous monitoring and periodic evaluation of educational programs":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 The monitoring conducted by the university takes into account the workload, performance and graduation of students.

According to the standard "Student-centered learning, teaching and assessment of progress":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

- 1 The use in the learning process of innovative learning technologies, allowing to intensify the cognitive activity of students;
- 2 Existence of a mechanism for assessing the results of training for all types of control (current and boundary control, intermediate and final certification), including the appeal procedure.

According to the standard "Students":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 The university demonstrates the policy of forming a contingent of students from admission to graduation and ensures the transparency of its procedures;

2 Conducting an "Organizational Week" designed to adapt and support students who are admitted to the first year;

3 The university provides graduates of the EP with documents confirming their qualifications;

4 Availability of an electronic database of graduates in the AIS "E-UNIVER" for organizing and conducting monitoring of the employment of graduates and their professional activities;

5 Support by the leadership of the university gifted students.

According to the standard "Teaching staff":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 Availability of personnel policy to ensure the compliance of the staff potential of the faculty with the strategy and the specifics of educational programs;

2 Creation of favorable conditions for faculty and staff of the university;

3 Organization of methodological assistance to young teachers in conducting studies and the availability of a mechanism to stimulate the professional growth of faculty and staff in accordance with the objectives of the development of EP;

4 The involvement of faculty in the public life of the region in accordance with their professional activities.

According to the standard "Educational resources and student support systems":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 Availability of library resources that contribute to the formation of students' professional competence.

According to the public information standard:

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 Accessibility for students of the most possible structured information on the assignment of qualifications, on teaching, training, assessment procedures, including personalized interactive resources;

2 Use of various information dissemination methods to inform the public and interested parties;

3 Availability of a mechanism for disseminating information about the national development programs of the country and the higher education system, about the university as a whole and in the context of educational programs;

4 Participation of the university and implemented EP in a variety of external assessment procedures.

According to the standard "Standards in the context of individual specialties":

Strengths / best practice for EP 5B072400 / 6M072400 - "Technological Machines and Equipment (by Industry)", 5B070800 - "Oil and Gas Business":

1 Organization of excursions to enterprises in accordance with the directions of training students;

2 The content of the disciplines of the EP includes a clear relationship with the content of the fundamental natural sciences, such as mathematics, chemistry, physics;

3 Training of students in the application of modern information technologies based on licensed software.

(VIII) REVIEW OF RECOMMENDATIONS FOR IMPROVING QUALITY BY EACH STANDARD

In order to further develop and improve the activities of the university in the implementation of the accredited EP based on the findings of the Report on the results of the EEC, the IAAR recommends:

According to the standard "Management of the educational program":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 The leadership of the EP to carry out systematic work on determining, updating and formulating the individuality and uniqueness of educational programs in accordance with the national priorities of the development of the country's economy and the development strategy of the Kyzylorda region.

2 The management of the university should develop a regulation on risk management at KSU. Korkyt Ata.

According to the "Information Management and Reporting" standard:

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 University management, to develop a document on which university staff, faculty and students will confirm consent to the processing of personal data.

2 On the basis of the results of the survey of students and staff about their degree of satisfaction with the educational activities of the university, provide measures to eliminate the identified deficiencies.

3 Systematically carry out the revision of educational programs on proposals of students and teaching staff, as well as taking into account the recommendations of employers.

4 It is necessary to identify those responsible for the accuracy of the information provided and demonstrate a modern information security system.

5 Inform faculty and students about the latest developments in the field of oil and gas business and the development of new equipment.

According to the standard "Development and approval of the educational program":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 It is necessary to develop models of graduates taking into account the specifics of the educational programs being implemented. Describe the learning outcomes and competencies that meet the needs of employers and reflect the distinctive features of the graduate model implemented by the EP.

2 Consider the possibility of involving external experts in the review and evaluation of the EP.

3 Involve students, faculty and stakeholders in the development and coordination of EP with the provision of free choice and optimization of costs to maintain the implemented EP.

4 To expand cooperation in order to harmonize the content and implementation of joint educational programs by foreign educational organizations.

According to the standard "Continuous monitoring and periodic evaluation of educational programs":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 Ensure the involvement of students, employers and other stakeholders in the procedures of continuous monitoring, periodic evaluation and review of the EP by including them in the collegiate bodies of the university.

According to the standard "Student-centered learning, teaching and assessment of progress":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 It is necessary to organize the conduct and development of their own research in the teaching methods of the EP disciplines;

2 EP management to increase the percentage of EP students involved in research and development work with participation in grant financing, social projects, Erasmus + programs, as well as various creative competitions.

According to the standard "Students":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 Increase the role of the Alumni Association in the activities of the university.

According to the standard "Teaching staff":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 To take measures for the organization of academic mobility of teaching staff in the framework of the accredited EP;

2 Develop activities to attract the best foreign and domestic teachers to participate in the educational process, conduct joint research and implement research projects.

According to the standard "Educational resources and student support systems":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

1 To work with potential employers and the alumni association on attracting sponsors, funds and equipment for the development and updating of material resources within the framework of implemented EPs;

2 In order to strengthen the technological support of students and teaching staff, update the material and technical base of the study program by updating the laboratory equipment and technical devices;

3 Continue work on the installation of ramps for people with disabilities, guide markings and color graphic signs and signs for visually impaired students and staff in university buildings.

4 EP Guidelines include a number of activities in the work plan of the department and faculty for the upcoming academic year to develop and implement a plan for publishing educational materials in English.

According to the public information standard:

There are no EEC recommendations for this standard.

According to the standard "Standards in the context of individual specialties":

Recommendations EEC for EP 5B072400 / 6M072400 - "Technological machines and equipment (by industry)", 5B070800 - "Oil and gas business":

- 1 Develop internship plans for teaching staff on the basis of enterprises;
- 2 When forming faculty members for the Oil and Gas Engineering department, provide for the possibility of hiring employees who have long practical experience in the oil and gas and engineering industries;
- 3 To strengthen the practice-oriented orientation of the accredited EPs taking into account the requirements of the labor market and the professional associations of employers, including by increasing the time allocated for production practice on the basis of enterprises.

Appendix 1. SPECIALIZED PROFILE PARAMETERS (5B072400- Technological machines and equipment, 6M072400-Technological machines and equipment, 5B070800-Oil and gas business)

п\п	№ п\п	Evaluation criteria	Position of the organization of education			
			Strong	Satisfying	Suggests improvement	Unsatisfactory
Standard "Management of the educational program"						
1	1.	The university must have a published quality assurance policy.	+			
2	2.	The quality assurance policy should reflect the link between research, teaching and learning.		+		
3	3.	The university should demonstrate the development of a culture of quality assurance, including in the context of the OP.		+		
4	4.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including in the implementation of joint / double-diploma education and academic mobility.		+		
5	5.	The EP's management ensures the transparency of the development plan of the EP based on an analysis of its functioning, the real positioning of the university and the focus of its activities on meeting the needs of the state, employers, stakeholders and students.		+		
6	6.	The EP's management demonstrates the functioning of the mechanisms for the formation and regular review of the EP development plan and monitoring its implementation, evaluation of the achievement of learning objectives, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of EP.		+		
7	7.	The administration of the EP should involve representatives of groups of stakeholders, including employers, students and faculty members in the formation of the development plan for the EP.		+		
8	8.	The EP management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with the national development priorities and the development strategy of the educational organization.			+	
9	9.	The university should demonstrate a clear definition of those responsible for the business processes within the EP, the unambiguous distribution of job responsibilities of staff, separation of functions of collegial bodies.		+		
10	10.	EP management must provide evidence of the transparency of the educational program management system.		+		
11	11.	The EP management must demonstrate the successful functioning of the internal quality system of the EP, including its design, management and monitoring, their improvement, making decisions based on facts.		+		
12	12.	EP management must exercise risk management.		+		
13	13.	EP management must ensure the participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.		+		

14	14.	The university should demonstrate the management of innovations within the framework of the EP, including the analysis and implementation of innovative proposals.		+			
15	15.	EP management must demonstrate evidence of openness and accessibility for students, teaching staff, employers and other interested persons.	+				
16	16.	The management of EP must be trained in educational management programs.		+			
17	17.	EP management should strive to ensure that progress made since the last external quality assurance procedure was taken into account in preparing for the next procedure.		+			
Total standard			2	14	1	0	
Information Management and Reporting Standard							
18	1.	The university should ensure the functioning of the system for collecting, analyzing and managing information through the use of modern information and communication technologies and software.	+				
19	2.	EP management must demonstrate systematic use of processed, adequate information to improve the internal quality assurance system.		+			
20	3.	Within the EP, there should be a regular reporting system reflecting all levels of the structure, including an assessment of the performance and effectiveness of the activities of departments and departments, and research.		+			
21	4.	The university should establish the frequency, forms and methods of evaluating the management of EP, the activities of collegial bodies and structural divisions, senior management, and the implementation of research projects.		+			
22	5.	The university should demonstrate the determination of the order and ensuring the protection of information, including the definition of responsible persons for the accuracy and timeliness of information analysis and provision of data.		+			
23	6.	An important factor is the involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them.		+			
24	7.	The EP's management must demonstrate the presence of a communication mechanism with students, employees and other interested parties, including the existence of conflict resolution mechanisms.		+			
25	8.	The university should provide a measure of the degree of satisfaction of the needs of faculty, staff and students in the framework of the EP and demonstrate evidence to address the identified deficiencies.		+			
26	9.	The university should evaluate the effectiveness and efficiency of activities, including in the context of the EP.		+			
		<i>Information collected and analyzed by the university should take into account:</i>					
27	10.	key performance indicators;	+				
28	11.	the dynamics of the contingent of students in the context of forms and types;	+				
29	12.	level of performance, student achievement and graduation;	+				
30	13.	students' satisfaction with the implementation of the EP and the quality of education at the university;		+			
31	14.	availability of educational resources and support systems for students;	+				
32	15.	Employment and career growth of graduates.	+				
33	16.	Students, employees and teaching staff must document their consent to the processing of personal data.				+	
34	17.	The administration of EP should contribute to the provision of all necessary information in relevant fields of science.		+			

Total standard			6	10	1	0
Standard "Development and approval of educational programs"						
35	1.	The university should define and document the procedures for the development of EP and their approval at the institutional level.	+			
36	2.	The administration of the EP must ensure that the developed EPs comply with the established goals, including the expected learning outcomes.		+		
37	3.	The management of EP should ensure the availability of developed models of graduate of EP, describing learning outcomes and personal qualities.			+	
38	4.	The administration of the EP must demonstrate the conduct of external examinations of the EP.			+	
39	5.	Qualifications obtained at the end of the EP should be clearly defined, explained and correspond to a certain level of the NSC.	+			
40	6.	The administration of EP must determine the influence of disciplines and professional practices on the formation of learning outcomes.		+		
41	7.	An important factor is the possibility of preparing students for professional certification.		+		
42	8.	The EP management must provide evidence of the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.			+	
43	9.	The labor intensity of the EP should be clearly defined in Kazakhstan loans and ECTS.		+		
44	10.	The administration of EP must provide the content of academic disciplines and learning outcomes to the level of education (bachelor, master, doctorate).		+		
45	11.	The structure of the EP should provide for various types of activities corresponding to the learning outcomes.		+		
46	12.	An important factor is the presence of joint EPs with foreign educational organizations.			+	
Total standard			2	6	4	0
Standard "Continuous monitoring and periodic evaluation of educational programs"						
47	1.	The university should monitor and periodically evaluate the EP in order to achieve the goal and meet the needs of students and society. The results of these processes are aimed at continuous improvement of the OP.		+		
		<i>Monitoring and periodic evaluation of the EP should consider:</i>				
48	2.	the content of the programs in the light of the latest achievements of science in a particular discipline to ensure the relevance of the taught discipline;		+		
49	3.	Changes in the needs of society and the professional environment;		+		
50	4.	workload, performance and graduation of students;	+			
51	5.	effectiveness of student assessment procedures;		+		
52	6.	expectations, needs and satisfaction of students with EP training;		+		
53	7.	educational environment and support services and their compliance with the objectives of the EP.		+		
54	8.	The university and the administration of EP must provide evidence of the participation of students, employers and other stakeholders in the revision of the EP.			+	

55	9.	All interested parties should be informed of any planned or taken actions in relation to the EP. All changes made to the EP should be published.		+		
56	10.	The administration of the EP must provide a review of the content and structure of the EP, taking into account changes in the labor market, the requirements of employers and the social demand of society.		+		
Total standard			1	8	1	0
Standard "Student-centered learning, teaching and assessment of progress"						
57	1.	The management of EP should ensure respect and attention to various groups of students and their needs, providing them with flexible learning paths.		+		
58	2.	The administration of EP must ensure the use of various forms and methods of teaching and learning.	+			
59	3.	An important factor is the availability of own research in the field of teaching methods of academic disciplines EP.			+	
60	4.	EP management must demonstrate the presence of a feedback system on the use of various teaching methods and evaluation of learning outcomes.		+		
61	5.	The administration of the EP must demonstrate support for the autonomy of students with simultaneous guidance and assistance from the teacher.		+		
62	6.	EP management must demonstrate the existence of a procedure for responding to students' complaints.		+		
63	7.	The university should ensure consistency, transparency and objectivity of the mechanism for evaluating the results of training for each EP, including the appeal.	+			
64	8.	The university should ensure the conformity of the evaluation procedures for students with special education programs to the planned learning outcomes and objectives of the program. Criteria and assessment methods in the framework of the EP should be published in advance.		+		
65	9.	In the university, mechanisms should be defined to ensure that each graduate of the PF master the learning outcomes and ensure the completeness of their formation.		+		
66	10.	Assessors should possess modern methods of assessing learning outcomes and regularly improve their skills in this area.		+		
Total standard			2	7	1	0
Standard "Students"						
67	1.	The university should demonstrate the policy of forming a contingent of students from admission to graduation and ensure the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) must be defined, approved, published.	+			
68	2.	The administration of the EP must demonstrate the implementation of special adaptation and support programs for new and foreign students.	+			
69	3.	The university must demonstrate the compliance of its actions with the Lisbon Recognition Convention.		+		
70	4.	The university should cooperate with other educational organizations and national centers of the European Network of National Information Centers for Academic Recognition and Mobility / National Academic Information Recognition Centers ENIC / NARIC to ensure comparable recognition of qualifications.		+		
71	5.	EP management must demonstrate the presence and application of a mechanism to recognize the results of academic mobility of students, as well as the results of additional, formal and non-formal training.		+		

72	6.	The university should provide an opportunity for external and internal mobility of students of EP, as well as assist them in obtaining external grants for training.		+			
73	7.	The EP's management should make the maximum amount of efforts to provide students with practical training places, to facilitate the employment of graduates, to maintain communication with them.		+			
74	8.	The university should provide graduates of EP with documents confirming their qualifications, including the achieved learning outcomes, as well as the context, content and status of education received and evidence of its completion.	+				
75	9.	An important factor is the monitoring of the employment and professional activities of graduates of EP.	+				
76	10.	The EP's management should actively encourage students to self-education and development outside the main program (extracurricular activities).		+			
77	11.	An important factor is the existence of a valid alumni association / association.				+	
78	12.	An important factor is the availability of a support mechanism for gifted students.	+				
Total standard			5	6	1	0	
Standard "Faculty"							
79	1.	The university should have an objective and transparent personnel policy, including hiring, professional growth and staff development, ensuring the professional competence of the entire state.	+				
80	2.	The university should demonstrate the compliance of the staff potential of faculty with the development strategy of the university and the specifics of the EP.		+			
81	3.	The management of the EP must demonstrate awareness of responsibility for their employees and ensuring for them favorable working conditions.	+				
82	4.	EP management must demonstrate a change in the role of the teacher in connection with the transition to student-centered learning.		+			
83	5.	The university should determine the contribution of the teaching staff of the EP to the implementation of the development strategy of the university, and other strategic documents.		+			
84	6.	The university should provide opportunities for career growth and professional development of faculty staff EP.		+			
85	7.	The EP's management should involve practitioners from relevant fields in the teaching.		+			
86	8.	The administration of EP should provide targeted actions for the development of young teachers.	+				
87	9.	The university should demonstrate the motivation of professional and personal development of EP teachers, including encouraging both the integration of science and education, and the use of innovative teaching methods.		+			
88	10.	An important factor is the active use of information and communication technologies in the educational process (for example, on-line training, e-portfolio, MoEP, etc.).		+			
89	11.	An important factor is the development of academic mobility in the framework of the EP, attracting the best foreign and domestic teachers.		+			
90	12.	An important factor is the involvement of teaching staff in the community (the role of teaching staff in the education system, the development of science, the region, the creation of a cultural environment, participation in exhibitions, creative competitions, charity programs, etc.).	+				
Total standard			4	8	0	0	

Standard "Educational resources and student support systems"						
91	1.	EP management must demonstrate the adequacy of material and technical resources and infrastructure.		+		
92	2.	he administration of the EP should demonstrate the presence of procedures for supporting various groups of students, including information and counseling.		+		
		<i>The EP management must demonstrate the compliance of information resources with the specifics of the EP, including compliance with:</i>				
93	3.	technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
94	4.	library resources, including the fund of educational, methodical and scientific literature on general educational, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;	+			
95	5.	access to educational Internet resources;		+		
96	6.	examination of the results of research, final works, dissertations on plagiarism;		+		
97	7.	WI-FI functioning on the territory of the educational organization.		+		
98	8.	The university should strive to ensure that the training equipment and software used for the development of EP, were similar to those used in their respective industries.		+		
99	9.	The university should ensure compliance with safety requirements in the learning process.		+		
100	10	The university should strive to take into account the needs of various groups of students in the context of EP (adults, working, foreign students, and students with disabilities).		+		
Total standard			1	9	0	0
Standard "Public Information"						
		<i>The information published by the university within the EP should be accurate, objective, relevant and should include:</i>				
101	1.	implemented programs, indicating the expected learning outcomes;		+		
102	2.	information on the possibility of assigning qualifications at the end of the EP;	+			
103	3.	information on teaching, learning, assessment procedures;	+			
104	4.	information on passing points and training opportunities provided by students;		+		
105	5.	Information on graduates' employment opportunities.		+		
106	6.	The administration of the EP should use a variety of ways to disseminate information (including the media, web resources, information networks, etc.) to inform the general public and stakeholders.	+			
107	7.	Public awareness should provide support and clarification of the country's national development programs and the system of higher and postgraduate education.	+			
108	8.	The university should publish audited financial statements on its own web resource.		+		
109	9.	The university should demonstrate the information on the web resource describing the university as a whole and in the context of the EP.	+			
110	10.	An important factor is the availability of adequate and objective information about the teaching staff of the EP, in the context of personalities.		+		

111	11.	An important factor is informing the public about cooperation and collaboration with partners in EP, including with scientific / consulting organizations, business partners, social partners and educational organizations.		+			
112	12.	The university should post information and links to external resources on the results of external assessment procedures.		+			
113	13.	An important factor is the participation of the university and implemented EP in a variety of external evaluation procedures.	+				
Total standard			6	7	0	0	
Standards in the context of individual specialties							
TECHNICAL SCIENCES AND TECHNOLOGIES							
		<i>Educational programs in the areas of "Technical Sciences and Technology", such as "Oil and Gas Business", "Technological Machines and Equipment", etc., must meet the following requirements:</i>					
114	1.	In order to familiarize students with the professional environment and topical issues in the field of specialization, as well as to acquire skills based on theoretical training, the education program should include disciplines and activities aimed at gaining practical experience and skills in the specialty in general and the major disciplines in particular, including: - excursions to enterprises in the field of specialization (plants, workshops, research institutes, laboratories, educational and experimental farms, etc.), - carrying out separate occupations or the whole disciplines at the enterprise of specialization, - holding seminars to solve practical problems that are relevant to enterprises in the field of specialization, etc.	+				
115	2.	The faculty involved in the education program should include full-time teachers with long-term experience as a staff member in enterprises in the field of specialization of the education program.		+			
116	3.	The content of all disciplines of the EP should to some extent be based and include a clear relationship with the content of the fundamental natural sciences, such as mathematics, chemistry, physics.	+				
117	4.	EP management must provide measures to enhance practical training in the field of specialization.		+			
118	5.	The administration of EP should provide training for students in the application of modern information technologies.	+				
Total standard			3	2	0	0	
TOTAL			32	77	9	0	