



«АККРЕДИТЕУ 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
5B072900 "Construction", 6M072900 "Construction",
5B073000 "Production of building materials, products and structures",
6MB073000 "Production of building materials, products and
structures", 6D073000 "Production of building materials, products and
structures"
of Korkyt Ata Kyzylorda State University**

SITE VISIT DATES: from "19" to "22" February 2019

**INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
External expert committee**

**Addressed to
the Accreditation
Council IAAR**

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from "19" to "22" February 2019

Kyzylorda, February 22, 2019

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(I) LIST OF SYMBOLS AND ABBREVIATIONS

ACP - Architecture and construction production
 PBMPS- Production of building materials, products and structures
 ETF - Engineering and Technology Faculty
 KSU - Kyzylorda State University
 EP - educational program
 GE - general education
 RO - Registrar Office
 TUP - Model Curriculum
 CSIT - Center for Scientific Information Technologies
 R & D - research work
 QMS - quality management system
 RSE - Republican State Enterprise
 PVC - economic management
 Faculty - faculty
 EDMS - Electronic Document Management System
 Mass media - mass media
 NAS RK - National Academy of Sciences of the Republic of Kazakhstan
 IDC - Intellectual Debate Club
 ISO - International Standard of the International Organization for Standardization
 SMA – students' movement account
ECD - educational complex of the discipline
SIWT - independent work of the student with the teacher
 UNT - Unified National Testing
 CT - complex testing
 LLP - limited liability partnership
 JSC - joint stock company
 SUC - state utility company
 HE - higher education
 RI - work instruction
SRW - student research work
 SSC - student's scientific circles
 SAUD - external evaluation of educational achievements
 ISC - intermediate state control
 SAC - State Attestation Commission
 WC - working curriculum
 RL - Research Laboratory
 Scientific Research Institute - Research Institute
 RC - Research Center
 Emergencies - Emergencies
 MTR - student construction team
 HLS - healthy lifestyle
ECS - educational complex of specialties
 SMCU - Scientific and Methodological Council of the University
 SMBF - scientific and methodical bureau of faculties
 IC - Individual Curriculum
 CED - catalog of elective disciplines
 ICS - individual code of students

(II) INTRODUCTION

In accordance with the order No. 12-19-OD dated January 29, 2019, the Independent Agency for Accreditation and Rating, from February 19 to February 22, 2019, the external expert committee assessed compliance of educational programs 5B072900 / 6M072900 - "Construction", 5B073000 / 6M073000 / 6D073000 - "Production of building materials, products and structures" of the Korkyt Ata Kyzylorda State University to the standards of specialized accreditation of the IAAR (No. 10-17-OD dated February 24, 2017, fifth edition).

The report of the external expert commission (EEC) contains an assessment of the educational programs submitted to the criteria of the IAAR, recommendations of the EEC for further improvement of educational programs and parameters of the profile of educational programs.

The composition of the EEC:

1. The chairman of the commission is Stybayev Gani Zhasymbekovich, Ph.D., associate professor, Kazakh Agrotechnical University after S. Seifullin (Astana).

2. Foreign expert - Simaeva Irina Nikolaevna, doctor of pedagogical sciences, professor, I. Kant Baltic Federal University, expert of the "Guild of experts in the field of vocational education" (Kaliningrad, Russian Federation).

3. Foreign expert - Prof. Dr. Astrid Beck, Esslingen University of Applied Sciences (Hochschule Esslingen), ACQUIN expert (Esslingen am Neckar, Germany).

4. Expert - Madiyeva Galiya Bayanzhanovna, Candidate of Pedagogical Sciences, Associate Professor, Al-Farabi Kazakh National University (Almaty).

5. Expert - Abenova Yelena Anatolyevna, candidate of pedagogical sciences, associate professor, University of National Economy (Almaty).

6. Expert - Safarov Ruslan Zairovich, Ph.D. in chemistry, L.N. Gumilyov Eurasian National University. (Astana).

7. Expert - Isakhova Parida Bakirovna, Doctor of Economics, Professor, Almaty Management University (Almaty).

8. Expert - Mutalliapova Shynar Eleusizovna, Ph.D., associate professor, Kazakh Agrotechnical University after S. Seifullin. (Astana).

9. Expert - Zharkenova Svetlana Bakhytovna, Candidate of Law, Associate Professor, L.N. Gumilyov Eurasian National University (Astana).

10. Expert - Bakhyt Sharipov, Doctor of Pedagogical Sciences, Ph.D., professor, International University of Information Technologies (Almaty).

11. Expert - Aldungarova Aliya Kairatovna, PhD, Associate Professor, S. Toraiyrov Pavlodar State University (Pavlodar).

12. Expert - Kalshbekova Elmira Nurlybayevna, Ph.D., Associate Professor, South Kazakhstan State University after M. Auezov (Shymkent).

13. Expert - Duskayev Kaska Koyanbayevich, Ph.D., associate professor, Al-Farabi Kazakh National University. (Almaty).

14. Expert - Nurabayev Daulen Myrzaevich, Ph.D., Associate Professor, Taraz State University named after M. Kh. Dulati (Taraz).

15. The employer - Mishukova Natalya Valentinovna, the head of the Kindergarten "Syr Balazhan" LLP, the director of the Kyzylorda Oblast branch of the Kazakhstan Association of Pre-School Organizations, a member of the Council for the Protection of the Rights of Entrepreneurs at the NPT "Atameken" (Kyzylorda).

16. The employer - Nurkozhaev Bolat Zholtayevich, a member of the Council for the Protection of the Rights of Entrepreneurs and the Fight against Corruption of the RPP Kyzylorda (Kyzylorda).

17. Student - Anuarbek Nursultan, a member of the Alliance of Students of Kazakhstan of Kyzylorda region, 3-rd year student of the EP "5B010800-Physical Culture and Sports", University of Bolashak (Kyzylorda).

18. Student - Pirnazar Gulzat, member of the Alliance of Students of Kazakhstan of Kyzylorda Region, 2nd year student of the EP "5B011300-Biology", Bolashak University (Kyzylorda).

19. Student - Serikkyzy Aruzhan, a member of the Alliance of Students of Kazakhstan of Kyzylorda Region, 3rd year student of the EP "5B050600-Economics", Humanitarian-Technical Institute "Akmeshit" (Kyzylorda).

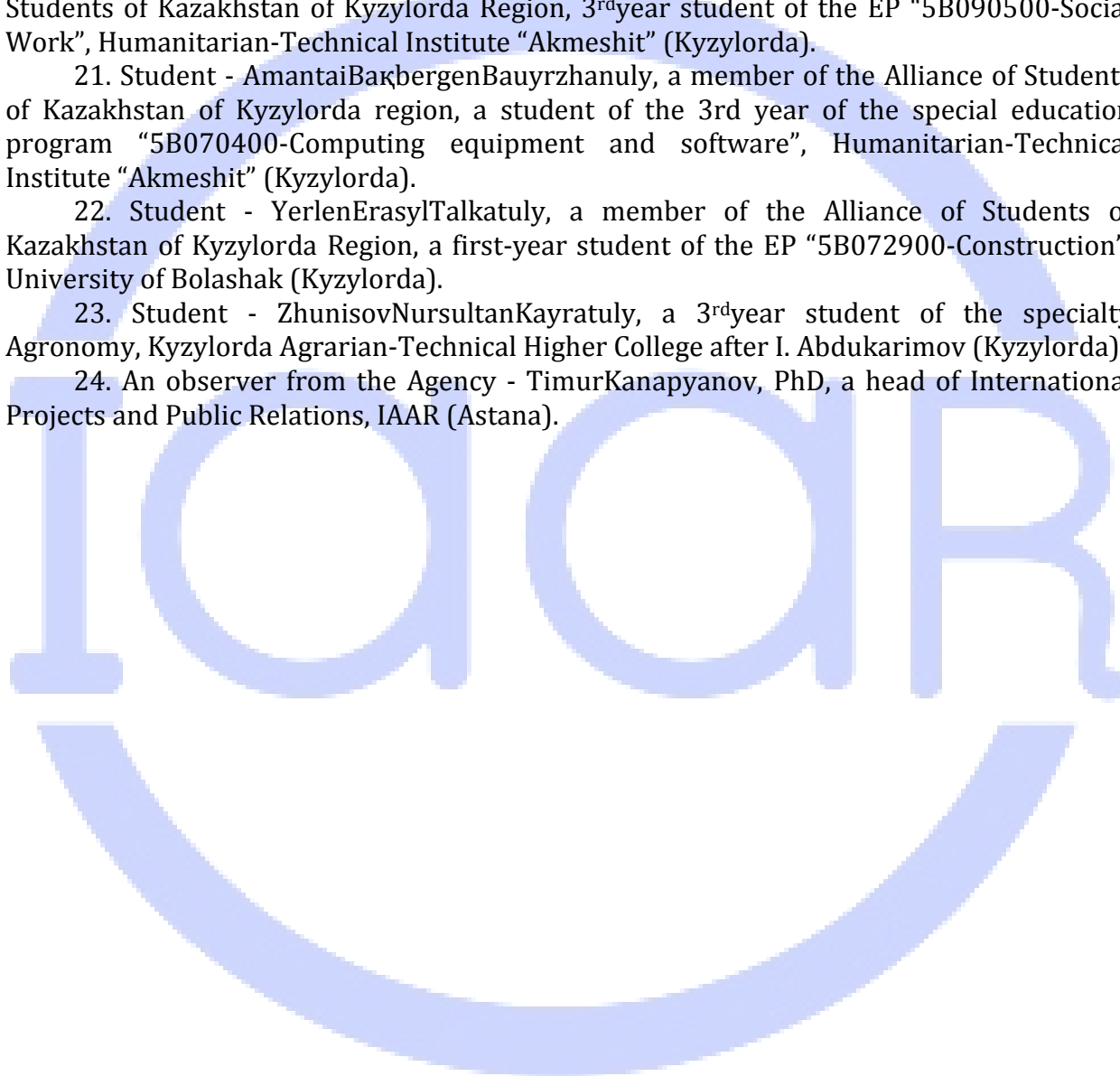
20. Student - Mukhanbetia Sagynysh Makhsatkyzy, a member of the Alliance of Students of Kazakhstan of Kyzylorda Region, 3rd year student of the EP "5B090500-Social Work", Humanitarian-Technical Institute "Akmeshit" (Kyzylorda).

21. Student - Amantai Baqbergen Bauyrzhanuly, a member of the Alliance of Students of Kazakhstan of Kyzylorda region, a student of the 3rd year of the special education program "5B070400-Computing equipment and software", Humanitarian-Technical Institute "Akmeshit" (Kyzylorda).

22. Student - Yerlen Erasyl Talkatuly, a member of the Alliance of Students of Kazakhstan of Kyzylorda Region, a first-year student of the EP "5B072900-Construction", University of Bolashak (Kyzylorda).

23. Student - Zhunisov Nursultan Kayratuly, a 3rd year student of the specialty Agronomy, Kyzylorda Agrarian-Technical Higher College after I. Abdukarimov (Kyzylorda).

24. An observer from the Agency - Timur Kanapyanov, PhD, a head of International Projects and Public Relations, IAAR (Astana).



(III) REPRESENTATION OF THE ORGANIZATION OF EDUCATION

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 in 1998 on the basis of Kyzylorda Humanitarian University named after Korkyt Ata and I. Zhakhayev Kyzylorda Polytechnic Institute (Decree of the Government of the Republic of Kazakhstan No. 256 of March 24, 1998).

Korkyt Ata KSU carries out its activities on the basis of the Laws of the Republic of Kazakhstan "On Education", "On Science", the Development Strategy "Kazakhstan-2050: 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, and 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 years (approved at the meeting of the Supervisory Board on 11.09.2017, Minutes No. 3, as amended on 13.11.2018, Minutes No. 4).

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: the 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.

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

According to the results of the National Rating of Demand for High Schools RK-2018, conducted by the Independent Agency for Accreditation and Rating (NAAR) the Korkyt Ata KSU is in the TOP-20 of the best universities of the republic, ranking 10th.

According to the National Rating of the Republic of Kazakhstan - 2018, conducted by the Independent Agency for Quality Assurance in Education (NACCO), the Korkyt Ata KSU is ranked 9th among multi-disciplined universities of the Republic of Kazakhstan.

Educational activities of the Korkyt Ata KSU for undergraduate, graduate and PhD doctoral programs are carried out on the basis of a perpetual license (# 12019394) issued by the Committee on Control in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan on December 11, 2012. There are 30 departments in 7 faculties that train specialists in 64 undergraduate majors, 30 graduate majors, 9 PhD doctoral specialties.

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

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.

Currently, Korkyt Ata KSU has 4,611 undergraduates, 405 postgraduates, and 43 doctoral students.

The educational process is carried out by 493 teachers, including 18 doctors of science, 17 PhD doctors, 198 candidates of science, 183 masters.

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

Information about the department

Training in the accredited EP 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 - Production of building materials, products and structures is carried out by the department "Architecture and Construction Production", which is a structural subdivision of the engineering-technological faculty. Training is conducted in the state Kazakh and Russian languages for full-time and distance learning.

Training in accredited specialties at the department is carried out by 17 full-time teachers, including 2 doctors of science, 1 PhD doctor, 10 candidates of science, which makes up 76.4% of degree.

Currently, the contingent of students is:

- EP 5B072900 - Construction: full-time education - 80 students, of which a grant - 20, paid - 55, distance learning - 71, all on a paid basis;
- EP 5B073000 - Production of building materials, products and structures: full-time tuition - 23 students, of which a grant - 21, paid - 2, distance learning - 3, all on a fee basis;
- EP 6M072900 - Construction: full-time tuition - 17 students, including a grant - 11, paid - 6;
- EP 6M073000 - Production of building materials, products and structures: full-time education - 8 undergraduates, of which a grant - 6, paid - 2;
- EP 6D073000 - Production of building materials, products and structures: full-time education - 3 doctoral students, of which a grant - 3.

The department cooperates with foreign and Republican organizations of the region and the republic, with which memoranda and cooperation agreements are concluded. The department has 2 branches in production (Kyzylorda branch "NUR-STROY LTD", Kyzylorda branch "KazKaitaZhanartu" PMK).

University rating among universities of Kazakhstan (NAAR, IQAA);

According to the results of the National rating conducted by the NARCO, the accredited EP took the following places: 5B072900 - Construction (2016 - 2nd place); 6M072900 - Construction (2016 - 1st place); 5B073000 - Production of building materials, products and structures (2017 - 3rd place); 6M073000 - Production of building materials, products and structures 2017 - 2 place).

According to the results of the rating of the IAAR, the accredited EP took the following places:

5B073000 - Production of building materials, products and structures (2014 - 1st place); 6M073000 - Production of building materials, products and structures (2014 - 3rd place); 6D073000 - Production of building materials, products and structures (2017 - 1st place); 5B072900 - Construction (2015 - 3rd place); 6M072900 - Construction (2015 - 3rd place).

The sphere of professional activity of graduates accredited by EP 5B072900 / 6M072900 "Construction" is a construction, engineering, chemical, mining, oil, gas, metallurgical industry, education.

The sphere of professional activity of graduates accredited by EP 5B073000 / 6M073000 "Production of building materials, products and structures" is the design of enterprises; production of building materials and structures; organizations for certification and quality control of building materials and structures; education.

Graduates of doctoral studies in the specialty 6D073000 - Production of building materials, products and structures can perform the following types of professional activity: research; expert advisory; organizational and managerial in organizations of higher and special education; pedagogical.

The average employment rate of graduates of the last three years (2016-2018) is: for bachelors in EP 5B072900 "Construction", 5B073000 "PBMPS" - 88%, for undergraduates in EP 6M072900 "Construction", 6M073000 "PBMPS" - 92%, for doctoral students EP 6D073000 "PBMPS" - 100%. The number of unemployed includes graduates who have continued training in post-graduate professional education programs (magistracy) and undergoing military service in the ranks of the Armed Forces of the Republic of Kazakhstan.

Academic mobility of students from the period of 2014-2018: 2 - incoming (bachelor), 4 - outgoing (bachelor, master).

Research projects of the department "Architecture and construction production:

- Deep processing of raw materials and products (18,574,000 tenge, 2014);
- Technology of granular porous insulation material based on the processing of clay rocks in the composition of sludge - sand (5 817 013 tenge, 2017);
- Use for wastewater treatment as an adsorbent compositions of solid and liquid waste (2 7180 000 tenge, 2018).

Practical implementation of PPP R & D are publications in scientific journals with non-zero impact factor.

During the reporting period, 8 articles of the teaching staff of the academic year were published in scientific journals and journals with non-zero impact factor, 24 publications in foreign (international) electronic scientific journals.

Educational activities of EP5B072900 Construction; 5B073000 Production of building materials, products and structures; 6M072900 Construction; 6MB073000 Production of building materials, products and structures; 6D073000 Production of building materials, products and structures are carried out on the basis of the state license No. 12019394, issued on December 12, 2012 by the Committee on Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan.

Training in EP is carried out: 5B072900 "Construction" since 2000, 6M072900 "Construction" since 2001, 5B073000 / 6MB073000 "Production of building materials, products and structures" since 2005, 6D073000 "Production of building materials, products and structures" since 2012.

(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE

Educational programs 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6MB073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures" are accredited by the IAAR for the first time.

(V) DESCRIPTION OF THE EEC VISIT

The work of the EEC was carried out on the basis of the program of the visit of the expert committee on specialized accreditation of educational programs at Korkyt Ata KSU in the period from February 19 to February 22, 2019.

To obtain objective information about the quality of educational programs and the entire infrastructure of the university, clarifying the content of the self-assessment reports, meetings were held with the rector, vice-rectors for activities, heads of departments,

faculty deans, heads of departments, teachers, students, graduates, employers. A total of 236 representatives 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
Acting Rector	1
Vice Rector	3
Heads of structural units	23
Faculty Deans	5
Heads of Chairs	9
Teachers	15
Students	25
Alumni	91
Employers	64
Total	236

During the excursion, the EEC members familiarized themselves with the state of the material and technical base, visited the exhibition hall of the National Research Center "Archeology and Ethnography", the training hall "President and Independent Kazakhstan", the scientific and technical library, the SEYHUN sports complex, hostel No. 5, greenhouse, engineering laboratories (Laboratories: Resistance of materials, Building structures, Building materials, Concrete technology, Soil mechanics, groundings and foundations, Composite materials, Lecture audience "Engineering graphics").

At the meeting of the EECA with the leaders and teaching staff of the Korkyt Ata Kyzylorda State University, the mechanisms for implementing the university policy were clarified and specific data presented in the university self-assessment report were specified.

EEC members attended classes:

Table 2 - Demonstration classes during the visit of the EEC Committee.

No.	Discipline	Group, number of students	Lesson themes	Lecturer	Syllabus, date and minutes of affirmation
1	Engineering systems of buildings and structures	STR-18-1u There were 28 students	Find the inner water pipe diameter in buildings using the Excel	AbievaG.S. A projector, handout have been used, a presentation has been prepared.	Protocol No1, from 3.09.2018
2	Engineering systems of buildings and structures	STR-16-1 There were 22 students	Find the inner water pipe diameter in buildings using the Excel	BaitassovK.N. A projector, handout have been used, a presentation has been prepared. презентация.	Protocol No1, from 3.09.2018.

The members of the EEC visited the base of practices of accredited programs: Kyzylorda branch "NUR-STROY LTD", Kyzylorda branch "KazKaitaZhanartu" PMK. During the visit to NUR-STROY LTD LLP, there were two students in the organization who were 4-th year students of EP 6M073000 PBMPs undergoing pre-diploma practice.

In accordance with the accreditation procedure, 102 teachers, 143 students, including students of junior and senior courses, were surveyed.

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 Korkyt Ata KSU, developed by the EEC based on the results of the examination, were presented at a meeting with the management of February 22, 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

Korkyt Ata KSU independently determines the quality assurance policy on the basis of existing regulatory legal acts, accreditation standards and on the basis of the university's strategic development plan for 2017-2021. The strategic development plan of the university for 2017-2021 reflects the main directions of development of the internal system for ensuring the quality of education at the university, approved at a meeting of the Supervisory Board of the University on September 11, 2017, protocol No. 3).

Development and management of educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 - Production of building materials, products and structures is carried out on the basis of the state license and annexes issued by CCESON of the Ministry of Education and Science of the Republic of Kazakhstan No. 1639 from 11.12.2012

The quality policy is reflected in the complex of the following documents: Strategic Plan for the Development of the University for 2017-2021, the Code of Corporate Honor and Ethics for Teachers and Employees of Korkyt Ata KSU (reviewed at a meeting of the Academic Council and approved by order of the Rector No. 471-a of February 20, 2017), Student's Code of Conduct, Internal Regulations (approved on August 29, 2016), a series of internal regulatory documents of the university. In Korkyt Ata KSU a corporate culture that defines the specifics of the activity is formed and documented procedures for the main processes of life support of the educational process are developed. The implementation of educational programs and their development programs are 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, for faculty, staff and students, as well as employers and other interested persons. All specified documents are published on the University portal.

At the university level, the collegial bodies that consider the development of educational programs are the managerial staff represented by the head of the department and the leaders of the Academic Councils. The EP is considered at the meeting of the department "Architecture and Construction Production", approved at the meeting of the Council of Engineering and Technology Faculty, is considered by the Academic University Council, approved by the Rector on the basis of the decision of the Academic Council. Also OP 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPs agreed with employers, teaching staff and representatives from students.

Table 3- Representatives from employers, teaching staff and students in the preparation of the development plan of the EP of the department "Architecture and Construction Production"

EP	employers	faculty	students
5B072900 / 6M072900 - Construction	Kalekeev N.A. - director LLP "NurStroy LTD"	Zhapakhova A.U. - Ph.D., senior teacher	Agysbek Aigerim - undergraduate specialty 6M072900- Construction
5B073000/ 6M073000/ 6D073000- PBMPs	Abdykhalykov T.E. - Head of the Production Department of LLP "Astana Expert"	Budikova AM - Candidate of Technical Sciences, Senior Lecturer	Zhakupova Gulnur - doctoral student of specialty 6D073000 PBMPs

Representatives of the production sphere participate in the process of reviewing the content of the EP at the department meetings, prepare their reviews and suggest topics of current elective courses, which as a result of the general discussion are included in the MEP, for example, in the MEP over the last 2 training periods, disciplines have been included in MEP 5B072900 "Construction" "Energy-efficient design and construction of civil buildings" in MEP 6M072900 "Construction – "Modern energy-saving technologies of modern cell concrete production" , "Calculations of structures for seismic effects " in MEP 5B 073000 PBMPS - «Design of the enterprises of reinforced concrete products», 6M073000 PBMPS "Theory and practice of using solar energy for heat treatment of concrete"- "Technology of cellular concrete", "Resource-saving technologies in the production of building materials."

In Korkyt Ata KSU the EP is systematically analyzed in order to adjust their content and the compliance of the trained specialists with 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, 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 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.

The monitoring of the implementation of the development plan of the EP is conducted by the Academic Council of the Faculty of Engineering and Technology. The competence of the Academic Council in the areas of training of higher and postgraduate education: implements a unified state policy in the field of education; monitors the quality of EP, their methodological and methodical support, compliance with the requirements of SES, demand on the labor market; coordinates and provides methodological guidance for the departments; ensures respect for the rights and interests of students in the development of EP; reports of graduating departments on the results of monitoring and periodic evaluation of EP are listened. The results of the analysis of the monitoring and proposals of employers and students are used to develop proposals for planning the development of EP. The management of the EP in the development plans takes into account the needs of the region in the number of trained specialists for each accredited EP, the content of the EP, taking into account the views of employers. The management of the educational process is carried out by the Vice-Rector for Academic Affairs and the Department for Academic Work in collaboration with the Vice-Rectors for activities that provide the educational process with the necessary human, material and other resources. The Vice-Rector for Academic Affairs plans and controls the implementation of work on the management of educational activities in the framework of EP. Responsible for the implementation of the EP are the heads of departments and deans.

The EP's management took advanced training courses on December 4-5, 2017, the course "Academic Policy of the University: Administration, Tools and Subjects", advanced training courses conducted by the MES RK, and seminars in the framework of the implementation of Erasmus + program projects. In October 2018, a seminar was held for

the faculty members of the IAAR "Intrauniversity system for ensuring the quality of education" in which the head and faculty of the department "Architecture and Construction Production" took part.

In accordance with the development of a culture of quality assurance, it systematically and consistently at the university and the department monitors the training of students in order to ensure the quality of education in the framework of the university system of education quality. Monitoring includes: conducting an assessment of all activities of the department and faculty, reports are provided 2 times on the results of the 1st and 2nd terms; organizing and conducting ongoing monitoring of progress, intermediate and final certification; assessment of the quality of the lesson and methodological support; the provision of educational materials; survey of students, staff and teachers to determine the level of satisfaction of internal consumers and the quality of educational services are provided.

All EP (<http://www.korkyt.kz/index.php/ru/component/k2/item/969>), catalogs of elective disciplines 2014-2015, 2015-2016, 2016-2017, 2017-2018. , 2018-2019 (<http://www.korkyt.kz/index.php/ru/component/k2/item/650>), Faculty information (<http://www.korkyt.kz/index.php/ru/component/k2/item / 395>), placed in the public domain on the website of the University, available to students, their parents, applicants and other interested persons.

In order to implement the recommendations for the improvement and development of accredited EPs developed as part of the accreditation procedure in 2014, the "Regulation on the development and approval of educational programs" was approved at KSU named after Korkyt Ata, descriptions reflecting the scientific and pedagogical directions of studying the discipline; revised descriptions of the goals of basic disciplines to meet modern requirements; doctoral students' individual plans are drawn up with the participation of a scientific advisor directly; financed research and development projects were carried out for a total amount of 51571013 tg; Laboratory equipment was purchased for the amount of 9115152 million tenge, the Composite Materials laboratory was established, and an installation for the use of solar energy was installed.

Analytical part

The department presented plans for the development of accredited EP for 2017-2021. (10/20/2016, protocol number 1). In Korkyt Ata KSU the EP is systematically analyzed in order to adjust their content and the compliance of the trained specialists with the requirements of the labor market. 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 evaluating 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 it is needed. According to the leadership of the EP, the individuality and uniqueness of the educational programs being accredited lies in their orientation to the regional labor market, through the availability of elective courses that complement the main disciplines commissioned by employers in the region, who give their reviews on the EP and recommend current areas, the faculty courses. 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 the required number of auditoriums and laboratories to the EP.

However, the EEC Commission does not observe the uniqueness and individuality in the presented development plans.

The EEC confirms that the university has a published quality assurance policy, which reflects the link between research, teaching and learning.

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/index.php/ru/component/k2/item/790#>).

During the visual inspection and analysis of documents, the EEC made sure that those responsible for the business processes within the EP were appointed, the duties of the staff were distributed, the functions of collegial bodies were separated, and the university management was trained in educational management programs. Heads of departments have been trained in the management of the educational process. The university demonstrates the development of a quality assurance culture in the context of the EP. There was a smooth transition from the previously established quality management system within ISO 9001 to the creation of an intra-university quality assurance system in the context of accreditation standards. The Academic Policy of the university specifies the provisions on the organization of the educational process, including the section on the Regulation on the preparation and approval of the educational-methodical complex of disciplines (p.106, Academic Policy). However, in the process of visiting the department, there is a discrepancy between the content of the AMC of the disciplines of the department and this provision.

In order to manage risks, improve the efficiency of the functioning of the internal quality assurance system, the capabilities of the Academic Council and other collegial bodies have been developed. Risks are spelled out in the Strategic Plans for the Development of the University and the Faculties. However, the risk assessment statement itself has not been formalized.

Strengths / best practice according to EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6MB073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

- Transparency of the educational program management system.
- Participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of management of the educational program, as well as their representativeness in making decisions on the management of the educational program.
- Openness and accessibility for students, faculty, employers and other stakeholders.

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 Update individuality and uniqueness of development plans for accredited EP 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PSMIK in accordance with the programs "Strategy Kazakhstan-2050", Strategy "Kazakhstan-2050", "30 most developed countries", "Plan of the nation - 100 concrete steps ", " Third modernization of Kazakhstan ", " Industrialization program ", " Digital Kazakhstan " and other programs of republican and regional significance.

2. The leadership of the EP to ensure the development of teaching materials AMCD in accordance with the Regulation on the preparation and approval of an educational complex of disciplines, to the supervising body to ensure proper control over the provision of teaching materials for ACMD and their internal content in the departments of the university in accordance with the regulations.

3 University management needs to develop a Regulation on risk management at Korkyt Ata KSU.

Conclusions of the EEC according to the standard “Management of the educational program”: accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS have 3 - strong, 12 - satisfactory, 2 - suggesting improvement of positions.

6.2. Information Management and Reporting Standard

The university should ensure the functioning of the system for collecting, analyzing and managing information using 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 subdivisions 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 confirm documented 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

The University has established classical processes of management and information transfer, in addition, ICT is used in the academic field. Information management involves the following activities: the organization of interaction with the Ministry of Education and Science of the Republic of Kazakhstan, akimat of the region, other authorities, public organizations, individual citizens on issues related to the activities of the university; organization of contacts with media representatives; preparation of publications on the activities of the University for print and electronic media; printing and distribution of promotional products; development of the corporate website of the institute; creating and administering the official communities of the institute in social networks on the Internet

("Vkontakte", "Facebook", "Instagram", etc.); organization of work on the study of public opinion.

The University adopted an open door policy - the rector, vice-rector and deans are available for students. The university regularly conducts surveys to verify student opinions. The University adopted an open door policy - the rector, vice-rector and deans are available for students. The university regularly conducts surveys to verify student opinions.

The University has established and effectively operates information channels for the feedback of staff and students with the leadership of the university (sessions, meetings and meetings of collegial bodies). The university has a multi-channel feedback system focused on students, employees and stakeholders. The main forms of feedback are: the mail of trust in the form of a box for suggestions and complaints, which are placed in each educational building; virtual reception, which includes the blog of the rector; blogs of heads of departments, consumer monitoring system; complaints and proposals review system. Starostat functions, there are numerous "Boxes for complaints and suggestions." In addition, the university determines the organization of university events, conferences, seminars related to significant dates and events in life. The exclusive right of official statements and messages on behalf of the university is held by the reference persons of the university, which include the rector and the vice-rector.

Information dissemination and receiving feedback is carried out through the meetings of the Academic Council, Supervisory Council, Academic Councils, faculty councils, department meetings, working groups set up to consider topical issues. In order to disseminate internal information, the E-Univer system is used for faculty and students of the University. This system includes such sections as: electronic document flow, rector's blog, government services, blogs of department heads, IS 'Dean's office, IS 'Department', IS 'Teacher', IS 'Student', IS 'Enrollee' 'Library', 'Open Educational Resource'. The "E-Univer" system contains modules: the "University Information" module contains contact information for university managers, the "Schedule" module contains academic timetables, the SIWT, the "Curriculum" module allows the graduating department to create working curricula, catalogs of elective disciplines, upload developed AMCD. This module allows the registrar's office to form extracts from the WC, individual plans of students, depending on the chosen learning trajectory, etc. Through this module, participants in the educational process are given access to the database of the WC, CED and AMCD on specialties of all forms of education. Through the "Card Index" module, the adviser has the opportunity to fill out individual student data and monitor current performance, enrollment and transfer orders from course to course, students can view their academic achievements, the "Journal" module is used for conducting mid-term and final controls, as well as for conducting accounting attendance of students.

For the purpose of managing information in the academic field, as well as many universities in Kazakhstan, the university uses the Platonus information system. This program is an IT system for managing the university, which includes student administration subsystems, support for the educational process, and integrated systems. In addition, the information system of the university is associated with a unified system of management of higher education of the MES of the RK - the ECSE.

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, 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.

To provide access to the Internet, an optical network with unlimited traffic at a speed of 200 Mb / s was conducted at the university. All educational buildings and dormitories

are connected to Wi-Fi wireless Internet at a speed of 16 MB / s, educational laboratory equipment, a 3D printer and a 3D scanner for technical specialties, as well as various licensed programs for work computers.

The sources of information on customer satisfaction with the level of educational services are employer feedback, questioning, 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 survey is conducted in the form of a questioning, survey and interviewing, as well as work with employers and regional partners of the University to determine their satisfaction with the quality of education, competencies and skills of students and graduates.

Within the EP there is a regular reporting system, which includes the performance and effectiveness of the department and its assessment at the university level. The department prepares semi-annual, annual reports of an analytical nature, covering all areas of the department's work. The structure of the reports is determined by the forms approved by the appropriate documented procedures. Reporting forms of departments are filled on the basis of reports of teaching staff on indicative plans.

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. Special attention is paid to the systematic review of the effectiveness of decisions taken and the monitoring of the activities of departments and programs at meetings of the Academic Council.

Databases collected within the framework of the University's activities allow us to generate a variety of analytical reports and make decisions based on facts. A regular survey of students, faculty and staff are held. However, the commission of the EEC observes the insufficient completion of the detected deficiencies revealed in the process of questioning to the logical end.

The university did not demonstrate the presence of separate documents confirming the consent of employees to the processing of personal data.

Strengths / best practice according to OP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

- Involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them.
- 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 performance, student achievement and deduction;
 - satisfaction of students with the implementation of the EP and the quality of education at the university;

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. After supervising the faculty, staff and students jointly analyze the questionnaire, in particular, according to the criteria of detected deficiencies, with the development of a plan of corrective actions and monitoring of its implementation.

2. The management of the university, in addition to the section in the employment contracts of university staff, to develop a document confirming consent to the processing of personal data of university staff.

Conclusions EEC on the standard "Information Management and Reporting": accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS have 4 - strong, 12 - satisfactory, 1 - suggesting improvement of positions.

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.

The complexity of the EP should be clearly defined in Kazakhstan credits 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 university defines and documents the procedures for the development of EPs and their approval at the institutional level. 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 accredited EP 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS meets the requirements set out 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 the 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.

During the visit to the department "Architecture and Construction Production", the approved modular educational programs were presented (2015-2016 academic year of 10/05/2015 protocol number 1; 2016-2017 academic year of 10/20/2016, protocol number 1; 2017-2018 academic year of 10.27.2017, Minutes No. 1, 2018-2019 academic year of 05.09.2018, Minutes No. 1).

The EP management provided the availability of the developed models of the EP graduate, describing learning outcomes and personal qualities. Models of the accredited

graduate EP 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS were developed at the department "Architecture and construction production" with the participation of teaching staff of the department, employers, students (meeting protocol: the department "Architecture and construction production" - №1 from 26.08.2017; Faculty of Engineering and Technology - №1 dated 08.28.2017; №2 dated 02.09.2017). Posted on the university website (<http://www.korkyt.kz/index.php/kz/component/k2/item/810>).

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).

The expertise of the accredited EPs involves: employers, strategic partners, who evaluate the EPs for compliance of the planned learning outcomes with the requirements of professional standards and the sectoral qualifications framework; students (undergraduates, graduate students, doctoral students) or graduates who are direct consumers of educational services; faculty involved in the development and implementation of the EP.

Internal expertise is carried out by Academic Councils in the areas of training, the leading faculty members, students. External expertise - representatives of associations, educational organizations of the region, representatives of other universities, employers, strategic partners, representatives of business structures.

As part of EP 5B072900 / 6M072900 "Construction", an external examination was carried out by the MOP Director of SK "Daneker LLP", M.Zh. Zhanskalov (2015); N.Muratbekov, Director of "Nur-Betstroy" LLP, (2016), S. Baymakhanov, Director of "Akmeshit Construction Kyzylorda" LLP(2017), Director of "SMP-4" LLP T.Limulov (2015), Director of "SyrZhoba" LLP E.Aliarystanov(2016).

Within the framework of EP 5B073000 / 6M073000 / 6D073000 PBMPS, MOP was examined by the director of "Nur-StoryLTD" LLP N.A. Kalekeev(2015, 2017), the director of JSC "Kurylys" S.K.Makhanov (2016), the director of LLP "Promstroysservis E" M.Espenbetov (2018).

Qualification of students EP 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS, obtained after graduation from the university, corresponds to the National Qualifications Framework.

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 (BD and PD cycles), as well as components of the practical component of training.

- The goal of EP 5B072900 - Construction: training in the conditions of the system of university education engineer-builder; development of the scientific - methodological worldview and the formation of readiness for professional understanding of the results of practical activities of a specialist; the formation of professional competencies that provide competitive graduates.

- The purpose of the EP 6M072900 - Construction: training of scientific and scientific-pedagogical personnel to meet the needs of science, education and production in the field of construction.

- The purpose of EP 5B073000 PBMPS is to train highly qualified specialists in the field of building materials who are able to successfully implement their professional knowledge, skills and abilities in the production of building materials, products and structures.

- The purpose of the EP 6M073000 PBMPS - training of scientific and scientific-pedagogical personnel to meet the needs of science, education and production in the field of production of building materials, products and structures.

- The purpose of EP 6D073000 PBMPS - training of scientific and pedagogical personnel for the system of higher, postgraduate education and the scientific sphere, with in-depth scientific and pedagogical training, as well as fundamental educational, methodological and research training.

EP management ensures the participation of students, faculty and other stakeholders in the development of EP, ensuring their quality.

Table 4 - Proposals for changes in the content of elective disciplines from employers, teaching staff and students

Nº	Academicyear	Name of the proposed ED	Credits	Organization, faculty, students	Protocol
5B072900 - «Construction»					
1	2015-16	Strengthening reinforced concrete structures	3	"Technostroyproekt" LLP	№8 dated 15.04.16
				Karshyga G.O. Candidate of Technical Sciences, Academician	№8 dated 15.04.16
2	2016-17	Cost estimate case	3	"CK "Daneker"LLP	№8 dated 18.04.17
				Zhakapbaeva G.A. Ph.D., senior lecturer	№8 dated 18.04.17
3	2017-18	Computer modeling in construction	3	"Technostroyproekt" LLP	№6 from 15.03.18
				Zhakapbaeva G.A. Ph.D., senior lecturer	№6 dated 15.03.18
		Introduction to specialty	2	"Technostroyproekt" LLP	№6 dated 15.03.18
				Baytasov K.N., Candidate of Technical Sciences, Academic Professor	№6 from 15.03.18
6M072900 - «Construction»					
1	2016-17	Theory and practice of using solar energy in the technology for producing concrete	3	PromStroyService LLP	№8 dated 18.04.17
				Dauzhanov N.T., Ph.D., Associate Professor	№8 dated 18.04.17
2	2017-18	Modern methods of installation of foundations in complex geological conditions	3	LLP "NurBestStroy"	№6 dated 15.03.18
				Seitov T.I., Ph.D., Associate Professor	№6 dated 15.03.18
5B073000 - «PBMPS»					
1	2015-16	Cellular Concrete Technology	3	"Nur-Stroy LTD" LLP	№8 dated 15.04.16
				Karshyga G.O. Candidate of Technical Sciences, Academician	№8 dated 15.04.16
2	2016-17	Construction	3	"Nur-Stroy LTD" LLP	№8 dated 18.04.17

		materials based on polymer compositions		Zhapakhova A.U. Ph.D. Senior teacher	№8 dated 18.04.17
3	2017-18	Introduction to specialty	2	"Technostroyproekt" LLP	№6 dated 15.03.18
				Baytasov K.N., Candidate of Technical Sciences, Academic Professor	№6 dated 15.03.18
6M073000 - «PBMPS»					
1	2016-17	Theory and practice of using solar energy in the technology for producing concrete	3	"Nur-Stroy LTD" LLP	№8 dated 18.04.17
2	2017-18	Modern energy-saving technologies in the production of cellular concrete	3	Alibekov N. 2-year doctoral student of the specialty 6M073000 "PBMPS"	№6 dated 15.03.18
6D073000 - «PBMPS»					
1	2017-18	Innovative technologies in the production of building materials	3	Baytasov K.N., Candidate of Technical Sciences, Academic Professor	№8 dated 15.03.18
		Resource-saving technologies in the production of building materials	3	Uderbaev S.S., Ph.D., Acting Professor	№8 dated 15.03.18

The complexity of the accredited EP is defined in Kazakhstan credits and ECTS. The list and the complexity of the required disciplines, their distribution in cycles correspond to the Standard Curriculum.

Compliance of the content of the required disciplines with the level of the bachelor degree and the proposed learning outcomes is ensured through the content of the model curricula approved by the MES RK. Most elective courses are educational material that complements the required disciplines and helps to ensure the multidisciplinary nature of education in several related specialties. The elective courses offered for study are presented in the form of certain natural trajectories with an indication of previous disciplines, prerequisites, the possession of the tools of which are necessary for understanding the following, as well as an indication of post requisites. The logical sequence and continuity of knowledge in the framework of EP 5B072900 "Construction" - 6M072900 "Construction", 5B073000 "PBMPS" - 6M073000 "PBMPS" - 6D073000 "PBMPS" is confirmed by the distribution of disciplines by course and level of study.

For example, achieving a common goal of studying problems in solving engineering problems and finding solutions at the national and international levels is solved by successively studying the disciplines of the GED cycle "Building Structures" in the 4th semester of undergraduate studies, continues in the 5th semester in the database DB OK, studying the discipline "Building production technology" and ends at the level of the magistracy with the study of the discipline of the cycle PD KV "Energy-saving construction principles" in the 3 semester.

Achieving the common goal of mastering competences in the field of life safety management and environmental protection in the production of building materials, products and structures is consistently implemented in the study of disciplines at the

undergraduate level in the cycle KV "Resource-saving technologies in the production of building materials" (5 semester), continues with studying the discipline at the master's level PD / OK "Engineering and environmental safety of building systems" (2 semester) and ends at the doctorate level aware PD HF "Using waste materials in the production of building materials."

In the course of studying the accredited EP, various types of activity are foreseen: lectures, practical and laboratory classes, SIW, professional practice.

All types of activities where the general, basic and professional competencies of students are formed, are reflected in the AMCD. For example:

- Within EP 5B072900 "Construction", mastering basic professional competences in the field of participation in interdisciplinary and interdepartmental cooperation of specialists in solving professional tasks is studied in the course of disciplines: "Cultural Studies", "Modern History of Kazakhstan", "Philosophy", "Ecology and Sustainable Development", "Entrepreneurship", "Organization and management of construction production", etc.

- Studying the discipline "Basics of scientific research and experimental research methods" in the framework of the EP 6M072900 "Construction", instills in undergraduates the skills of scientific activities, including the choice of the direction of scientific research, search, accumulation and processing of scientific information, as well as proposals for the introduction of all the processed data into production.

- In the course of research practices, undergraduates of EP 6M073000 "PBMPS" reinforce the skills of assessing and forecasting the current situation on the market of educational, scientific and production activities in the field of manufacturing innovative materials, products and structures, as well as reinforcing the skills of assessing and predicting the state of occupational safety studies demonstrate in practice the ability to make scientific decisions based on the current level of development of science and technology.

- Research work allows doctoral students of the specialty 6D073000 "PBMPS" to master the skills of planning, organizing, conducting a scientific experiment in accordance with the current state of science in the field of innovative research, processing and interpretation of experimental data.

Analytical part

At the time of the procedure of accreditation of EP, certification of professional activity of students at the department "AISP" is not organized. However, the department has a good potential in the organization of the passage of professional certification of students in the specialties 5B072900 "Construction", 5B073000 "PBMPS".

The department "Architecture and Construction Production" cooperates with foreign universities and organizations:

- Ukhta State Polytechnic University, Ukhta, RF;
- Kazan National Research Technological University, Kazan, Republic of Tatarstan, Russian Federation;
- Samara State University of Architecture and Civil Engineering, Samara, RF;
- Novosibirsk State University of Architecture and Civil Engineering, Novosibirsk, Russian Federation;
- University of Lodz, Lodz, Poland.

Comparative analysis of educational programs with leading Kazakh and foreign universities (KazNRTU named after Satpayev, IOC (KazGASA), ZKATU named after Zhangir Khan, Samara State University of Architecture and Civil Engineering, Novosibirsk State University of Architecture and Civil Engineering, University of Lodz) showed that the list of

competencies formed The Department of Architecture and Construction Production has similarities in all accredited educational institutions.

Comparative analysis of the curricula of EP 5B072900 "Construction", 6M072900 "Construction" and curricula of foreign universities shows that the curricula have significant convergence in all blocks of disciplines (GED, DB, PD). The Commission of the EEC notes, having a cooperation agreement with universities in the far and near abroad, the leadership of EP does not carry out purposeful work on the preparation of documents for the development and approval of joint educational programs.

Strengths / best practice according to EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

- Definition and documentation of procedures for the development of EP and their approval at the institutional level.

- Ensuring the content of academic disciplines and learning outcomes levels of education (bachelor, master, doctoral).

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 Consider the possibility of organizing obtaining professional certification for students of EP 5B072900 "Construction", 5B073000 "PBMPs".

2 Consider the possibility of developing joint educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPs with universities of near and far abroad.

Conclusions of the EEC according to the standard "Development and approval of educational programs": the accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPs have 2 - strong, 9 - satisfactory, 1 - suggesting improvement of positions.

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, 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

Internal evaluation of EP is carried out at the levels: Department of Architecture and Construction Production, Academic Council, Faculty and University Council, University Academic Council.

In the work of the Academic Council of the Faculty of Engineering and Technology, the following representatives of employers periodically participate in monitoring the quality of implementation of the accredited educational institutions: N. Kalekeev. - Director of NurStroy LTD LLP, Abdykhalykov T.E. - Head of the Production Department of Astana Expert LLP.

The subjects of the "direct" external evaluation are the MES of the Republic of Kazakhstan, expert organizations, the "indirect" - the interested parties: employers, public organizations, bases of practice, etc. Mechanisms for assessing the quality of educational programs:

- Monitoring of EP at the level of educational and methodical documentation and materials (for compliance with the requirements of the SES of RK and regulatory documents);

- Monitoring at the quality level of the organization of the educational process in EP;

- Monitoring at the level of students;

- Monitoring of EP at the level of external evaluation of EP and the qualifications of graduates;

The curricula of the accredited EP include new disciplines based on the discussion of the accumulated experience of teaching staff of the department (Table 4).

According to the results of the quality of teaching disciplines, the department "Architecture and Construction Production" is working to attract lectures, participate in educational seminars, organize professional practices of leading specialists of enterprises of the city, region, as well as conduct excursions and laboratory classes on the basis of enterprises. Summary data is given in table 5.

Table 5 - Conducting lectures and practical classes for students accredited in EP by specialists of industrial enterprises (at KSU named after Korkyt Ata, at the enterprise).

EP	name, position, organization	subjects	course	Academic year
5B072900 Construction	E. Ensebayev director of "TechnoStroyProect" LLP	Practical: Parts of the building	2	2015-2016
		Lecture: Earthwork Design	3	2016-2017
		Lecture: Schedule of the production of work	4	2017-2018
5B073000 PBMPs	Kalekeev N.A. "NurStroy LTD"	Lecture: Design of the composition of concrete	3	2015-2016
		Organization of a production line for the production of precast concrete products	4	2016-2017
		Lecture: Master Plan of the Precast Concrete Plant	4	2017-2018
6M072900 Construction	Zhaksakalov A.A. director of "Daneker" LLP	Lecture: Installation of strip foundations	1	2015-2016
		Lecture: Production of stone work	2	2016-2017
		Lecture: Development of the construction plan	1	2017-2018

6M073000 PBMPs	Daniyarov M.T. director of Maxima Logistics LLP	Preparation of ceramic mass for the formation of bricks	2	2015-2016
		The processes occurring during the firing of ceramic bricks	2	2016-2017
		Plastic method for the production of ceramic bricks	2	2017-2018
6D073000 PBMPs	S.Makhanov president of JSC "Construction"	Lecture: Local raw materials for the production of concrete	2	2015-2016
		Lecture: Safety and occupational safety at the iron-concrete product plant		2016-2017
		The composition of the plant for the production of prefabricated ferro-concrete		2017-2018

In the evaluation of educational, teaching and methodological manuals, monographs, textbooks under the EP, prepared by teachers of the department employers participate - as external experts. Summary data on reviewers are given in table 6.

Table 6 - Data on external reviewers for publications of teaching staff of the department "Architecture and building structures".

EP	Edition name	External reviewer
5B072900 Construction	Engineering systems and networks 2016	Myrzahmetov M.N. - doctor of technical sciences., professor, Shomantayev A.A. - dr. of agriculture sciences, professor
	Architectural and construction drawings of civil buildings. 2017	Kuspangaliev B.U. - Doctor of Architecture, Professor
	Installation of building structures of one-story panel-frame industrial buildings. 2017.	Doszhanov M.ZH. - Doctor of Technical Sciences, Professor
	Heat treatment of polystyrene concrete products. 2018	
	5B072900 Guidelines for the diploma work in the specialty "Construction"	Yembergenov M.A. - Ph.D., associate professor
5B073000 PBMPs	Architectural and construction drawings of civilian buildings. 2017	Kuspangaliev B.U. - Doctor of Architecture, Professor
	Construction materials and products 2018	Isaev M.M. - Ph.D., associate professor Embergenov M.A. - Ph.D., associate professor
6M073000 PBMPs	Heat treatment of polystyrene concrete products. 2018.	Doszhanov M.ZH. - Doctor of Technical Sciences, Professor
6D073000 PBMPs		

The total amount of workload of the faculty includes: classroom activities, SIW and SIWT. Training schedule is compiled by the office of the registrar of Korkyt Ata KSU. The organization of the independent work of the student (SIW) and the individualization of the

student learning process is carried out on the basis of the curriculum of the course (syllabus).

Teachers of the department "Architecture and Construction Production" use traditional forms of assessment of tasks - oral survey (frontal survey, colloquium, seminar), test, experience, exercises, problem solving, performance, paper and computer testing, submission of coursework, calculation and graphic works, SIW protection, protection of individual and group projects. It is possible to refer to innovative methods (presentations, "cinquain"). The listed forms of knowledge assessment are reflected in the AMCD and methodological materials to prepare for SIW and SIWT, 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).

The control of students' knowledge within the framework of accredited EPs is formed taking into account the increase of professional competence by the completion of training. Thus, in the disciplines of the accredited EP, the competences obtained are evaluated on the state exam by the SEC commission:

- As part of EP 5B072900 "Construction" - Building structures I, Technology of building production II, Engineering mechanics III, GeotechnicsII, Building structures III, Economics and management in construction;

- Under EP 6M072900 "Construction" - Numerical methods for calculating building structures, Engineering and environmental safety in the construction industry, Theory of design of construction objects, Methods of scientific research in the field of construction, Design and construction of large-span industrial and public buildings;

- Within EP 5B073000 "PBMPS" - Building materials, Processes and equipment, Concrete Technology I, Concrete Technology II, Design of precast concrete production enterprises, Precast concrete technology;

- As part of EP 6M073000 "PBMPS" - Engineering and environmental safety in the construction industry, Methods of physical and chemical research of materials, Basics of scientific research, Modified concretes, Energy-saving technologies in the production of modern cellular concrete;

- As part of EP 6D073000 "PBMPS" - Innovative activity in the production of building materials, Resource-saving technologies in the production of building materials, Globalization and regional scientific and educational research, Methodology of scientific research.

Data on the admission of applicants for accredited specialties are given in Table 7.

Table 7 - Data on the admission of applicants to the accredited EP.

Educational program	Years of admission		
	2016	2017	2018
5B072900Construction	24	17	19
5B073000 Production of building materials, products and structures	5	7	10
6M072900Construction	1	8	9
6M073000 Production of building materials, products and structures	1	1	7
6D073000 Production of building materials, products and structures	-	1	2

The following tendency is observed on the admission of students of accredited EP:

- EP 5B072900 "Construction" - *floating contingent dynamics*;
- EP 6M072900 "Construction" - the dynamics of the increase in the contingent;
- EP 5V073000 "PBMPS" - the dynamics of increasing contingent;
- EP 6M073000 "PBMPS" - the dynamics of the increase in the contingent;
- EP 6D073000 "PBMPS" - the dynamics of the increase in the contingent;

The unstable dynamics of the admission of the contingent to the specialty 5B072900 "Construction" is a competitive environment with state universities, the outflow of applicants entering Russian universities, the admission of applicants to other universities under the program "Serpin."

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. The university CYA organizes student government in areas of academic, educational, scientific work. Proof of the effectiveness of this work are academic achievements, attendance, scientific activity and a high public rating of university students. In the 2016-2017 academic year, the Chairman of the Committee on Youth Affairs was a student of the STR-14-1 group, Esmaganbet E. Also, the following students are members of the CYA:

FULL NAME	EP	Group	Position
Esmaganbet E	5B072900	Str-14-1	Chairman of the CYM
Zhymabekkyzy T	5B072900	Str 14-3	Team Leader
Arpilya A.	5B072900	Str- 14-3	Committee of KSU
Azimkhan R.	5B072900	Str- 14-3	KVN
GalymZh.	5B072900	Str- 14-3	KVN
Siezd A.	5B073000	PBM-16-1	Team Leader
Nurgali B.	5B073000	PBM- 16-1	Sport Sector

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.

The data on graduates of the regional schools are reflected on the site <http://e-univer.korkyt.kz/Default43.aspx>.

Analytical part

The effectiveness of the assessment procedures is confirmed by the results of the external evaluation of educational activities (EASC). The EASC results demonstrate the learning outcomes at a level above the average for the Republic of Kazakhstan:

Table 8 - Results of the EASA of the students of the accredited EP

EP	2015-2016, %	2016-2017, %	2017-2018, %
5B072900 «Construction»	100%, average-74,2	100%, average-87,4	100%, average-84,83,
5B073000 «PBMPS»	100% average-89,7	100% average-95,2	100%, average-68,9,

However, the EEC Commission notes the absence of a thesis defense procedure for bachelors of technical specialties 5B072900 "Construction" and 5B073000 "PBMPS". The decision of the Academic Council provides for 2 state exams. Also, there is no data and their

analysis for evaluating the effectiveness of this method of completing the educational process in students.

The EEC Commission notes that this standard does not fully reflect the issues of informing interested parties about any planned or taken actions in relation to the accredited EP with their reflection on the university website.

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. The management of the university is recommended to revise the system of assessing the competencies of students of technical specialties, namely to include in the procedure for evaluating the final competencies of students the protection of theses, in particular for EP 5B072900 "Construction", 5B073000 "PBMPS".

2. Continue work on the annual update of educational programs 5B072900 / 6M073000 "Construction", 5B073000 / 6M073000 / 6D073000 "PBMPS" with the publication of all the changes done on the website of the university.

Conclusions of the EEC according to the standard "Continuous monitoring and periodic evaluation of educational programs": accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PSMIK have 8 - satisfactory, 2 - suggesting improvements.

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 EP.

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 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 EP 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

The management of EP provides respect and attention to the various groups of students and their needs, providing them with flexible learning paths. There are no students with disabilities in the department.

Ensuring equal opportunities for students is achieved by developing educational, methodological, organizational, and informational support of the educational process in two languages of instruction: Kazakh and Russian. For multilingual groups in 2 languages: Kazakh / Russian, Kazakh / English, Russian / English.

Table 9- Disciplines taught in English by the accredited EP, including in the framework of multilingualism:

EP	Subject	term
5B072900 Construction	2014-2015 academic year Informatics -3 creditSTR-13-1 multilingual	2
	Fundamentals of economic theory -2 credit	4
	Building materials - 2 creditSTR-13-1 multilingual	3
	2015-2016 academic year Building materials technologyI -2 credit STR-13-1 multilingual	5
	The technology of construction production II- 3credit STR-13-1 multilingual	6
	2016-2017 academic year The technology of construction production I- 3credit STR-14-1 multilingual	5
	2017-2018 academic year The technology of construction production II- 3credit STR-14-1п/я	7
2017-2018 учебный год Information and communication technology - 3 credits STR-17-1	2	

The main role in assisting with the formation and promotion of the educational trajectory is played by teachers - advisors. Experienced teachers - Ph.D., masters - are appointed as advisers for the formation of individual learning paths (Order No. 2884-c of 09/22/2015, Order No. 4590-lc of 10.28.2016, Order No. 4257-lc of 20.10.2017, Order No. 3657 dated 10/01/2018).

For the successful development of educational programs by students of the faculty of the department "Architecture and Construction Production", to increase students' interest in educational and cognitive activities, classes are conducted using multimedia systems: Flesh presentations made with the help of CamStudio, FreemakeVideoConverter and iSpringFree editors (text task editor). The skills to create and use presentations were acquired during advanced training courses at the RIPK JS Orleu. 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.

When reading the course "New Composite Building Materials" for doctoral students of the specialty 6D073000 "PBMPS", interactive teaching methods are used: <https://www.science-education.ru/ru/article/view?id=10040>. When carrying out laboratory work undergraduates using the Internet platform <https://www.allbeton.ru/article/450074.html>. Currently used in the practice of work, which are listed in the Internet resources <http://cdokp.tstu.tver.ru/site.center/vlab.aspx?lab=materials>.

The EEC Commission notes a fairly good level of publication of its own publications used in the educational process. To conduct lectures, practical and laboratory classes, faculty members use their own developed recommendations for preparing presentations for course and diploma works:

Table 10 - List of own publications of teaching staff of the department for the implementation of the educational process for the period 2016-2018 teaching. of the year.

№	EP	Name of publication	Year of publication	Subjects
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1	5B072900 - Construction	Engineering systems and networks. Tutorial	2016	Lectures on discipline Engineering systems of buildings and structures
2		Architectural construction drawings of civil buildings	2017	Lecture classes on the subject of architecture
3		Guidelines for the implementation of course work in the discipline of building technology II	2017	Practical classes in the discipline of technology of building production II
4		Heat treatment of polystyrene concrete products. Tutorial	2018	Lectures on the discipline Construction materials
5		5B072900- Guidelines for the diploma work in the specialty "Construction".	2017	On the preparation of theses
6	5B073000 - PBMPS	Building materials and products. Tutorial	2018	Лекционные занятия по дисциплине Строительные материалы и изделия
7		Architectural construction drawings of civil buildings.	2017	Lectures on the discipline of architecture
8	6M072900 - Construction	Building materials and products. Tutorial	2018	Lectures on the discipline Theory and practice of using solar energy in concrete production technology
9	6M073000 - PBMPS	Heat treatment of polystyrene concrete products. Tutorial	2018	Lecture classes in the discipline Thermal processing of raw materials for building materials
10	6D073000 - PBMPS	Heat treatment of polystyrene concrete products. Tutorial	2018	Lecture classes in the discipline Thermal processing of raw materials for building materials

The table presents data on the results of academic performance and quality of knowledge for the last 3 years in the department "Architecture and Construction Production".

Table 11 - Results of the academic performance and quality of knowledge of students of accredited EP

Academic year	Student number	Grades			Performance	Qualitative	average score
		«5»	«4»	others			
EP 5B072900 - Construction							
2015-2016	112	52%	36%	12%	100%	88%	4,4
2016-2017	114	49%	43%	8%	100%	92%	4,4
2017-2018	102	53%	37%	10%	100%	90%	4,5
EP 5B073000 - Production of building materials, products and structures							

2015-2016	57	62%	38%	-	100%	100%	4,6
2016-2017	52	69%	31%	-	100%	100%	4,7
2017-2018	40	71%	29%	-	100%	100%	4,8
EP 6M072900 – Construction							
2015-2016	8	82%	18%	-	100%	100%	4,9
2016-2017	6	79%	21%	-	100%	100%	4,8
2017-2018	18	88%	12%	-	100%	100%	4,9
EP 6M073000 – Production of building materials, products and structures							
2015-2016	5	100%	-	-	100%	100%	5,0
2016-2017	4	100%	-	-	100%	100%	5,0
2017-2018	4	100%	-	-	100%	100%	5,0
6D073000 – Production of building materials, products and structures							
2015-2016	2	100%	-	-	100%	100%	5,0
2016-2017	2	100%	-	-	100%	100%	5,0
2017-2018	-	-	-	-	-	-	-

As can be seen from the tables of progress in the last three academic years, the progress of students has increased, and the progress of undergraduates and doctoral students is consistently maintained at the level of the above indicators. The share of graduates with a diploma with honors over the past three academic years, on average, shows bachelors of specialties 5B072900 "Construction" - 17%, 5B073000 "PBMPs" - 48% (table 12).

Table 12 - Proportion of graduates with honors.

№	Academic year	5B072900 – Construction			5B073000 – PBMPs		
		Number of graduates	Graduated with honors	%	Number of graduates	Graduated with honors	%
1	2015-2016	25	7	28	10	8	80
2	2016-2017	31	2	7	18	10	56
3	2017-2018	41	6	15	26	2	8

Attendance of students accredited by the EP of the department "AISP" is monitored by the daily filling of data in the Platonus program and averages 98.7% (2015-2016 academic year), 97.5% (2016-2017 academic year), 97.7% (2017-2018 academic year).

The results of the SEC, SAC indicate a stable positive impact of teaching methods on the quality of the educational process. In the period 2015-2018 years the quality of knowledge on the basis of state examinations and the protection of final works increased:

- within the framework of EP 5B072900 "Construction" according to the results of state examinations, the quality of knowledge averages over the past 3 years - 100%, progress - 100%; according to the results of the thesis defense, the quality of knowledge is 98%, academic performance is 100%;

- in the framework of EP 5B073000 "PBMPs" according to the results of state exams, the quality of knowledge averages over the past 3 years - 100%, progress - 100%; according to the results of the thesis defense, the quality of knowledge is 99%, progress is 100%;

- in the framework of the EP 6M072900 "Construction" according to the results of state examinations, the quality of knowledge averages over the past 3 years - 100%, progress - 100%; according to the results of the thesis defense, the quality of knowledge is 100%, academic performance is 100%;

- in the framework of the EP 6M073000 "PBMPs" according to the results of state exams, the quality of knowledge averages over the past 3 years - 100%, progress - 100%;

according to the results of the thesis defense, the quality of knowledge is - 100%, academic performance - 100%;

- in the framework of the EP 6D073000 "PBMPS" according to the results of state exams, the quality of knowledge averages over the past 3 years - 100%, progress - 100%; according to the results of the thesis defense, the quality of knowledge is 100%, academic performance is 100%.

Support for autonomy of students with simultaneous guidance and assistance from teachers of the department "AISP" can be traced in the following examples:

- Within EP 5B072900 "Construction" for the discipline "Energy-saving design of civil buildings", students have the right to choose a report subject to their personal interests ("Impact of design on environmental quality and longevity", "Alternative energy sources. Implementation of programs" in Kazakhstan ", etc.). Students at each lesson are given the opportunity to express their opinions.

- In the course of interviewing students, the commission of the EEC determined a method for studying the discipline that differs from the traditional one in the framework of EP 5B073000 "PBMPS": when studying the discipline "Finishing materials", students exercise autonomy when choosing the time and place for studying lecture material (the method of video recording is used on large existing facilities under construction during the SIW and the presentation of the footage in lectures. The students form their own concept of the evidence base.

-at the level of the magistracy in the framework of the EP 6M072900 "Construction" and the 6M073000 "PBMPS" the autonomy of training is manifested much more widely. The undergraduate is granted considerable greater independence in preparing for practical work, in performing MIW, in carrying out scientific research of a master's thesis, in fulfilling assignments of teaching and research practices. The master student evaluates his results at each stage of the research, adjusting the further direction of the research, which leads to the formulation of new tasks. During the training sessions the undergraduate is given to express his opinion to a greater degree, to define his position in relation to the problem in question.

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 get acquainted with the MEP on the website of the university (Teaching / Undergraduate / Master / Doctoral), with the syllabuses of the disciplines - in the electronic library of the university (internal local network).

Appraisers of the department "AISP" improve their skills in the field of modern methods of assessing learning outcomes.

- Zhakapbaeva G.A. - Certificate of completion of a refresher course on the program "Basics of constructive training", KSU named after Korkyt Ata, 2018. Certificate on the program "Developing a curriculum based on competencies", KazNU named after Al-Farabi, 2018, Course "International Teacher of Engineering University" 2018 Almaty city, Al-FarabiKazNU., Training "Developing a curriculum based on competencies", 2018, Almaty, KazNU. Al-Farabi.

- Uderbaev S.S. - Overseas internship: Federal Republic of Germany, Dusseldorf, 2014. The purpose of the trip: acquaintance with advanced teaching methods, exchange of experience, advanced training. Advanced training courses organized by the International Center for Science and Information on the basis of

(Interkulturelle Weiterbildungsgesellschaft e.V.) of the Düsseldorf Heinrich Heine University. The course "Management System in Education" organized by the International Center for Science and Informatization on the basis of the Heinrich Heine University Düsseldorf, "Constructivism on the University", 2018, Kyzylorda, Korkyt Ata KSU.

- Zhapakhova A.U. - Seminar "Internal Higher Education Quality Assurance System", 2018, Korkyt Ata KSU, Kyzylorda.

- Saktaganova N. A. - Learning seminar "Educational activities of universities in the context of expanding academic and managerial independence", 2018, Astana, NU.

- Abieva G.S.-National Center for Professional Development "Orleu". The program "Modern pedagogical technologies" for the university specialties. 2016, Almaty.

- Seytkasym A.N.- "Pedagogical technology of constructive teaching ", 2018, Korkyt Ata KSU, Kyzylorda.

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.

Analytical part

Despite the positive data on student performance over the past three academic years, data on the presence of students in the department who consistently go to the defense of diplomas with honors, according to the statistical data on attendance of students in training sessions, according to good indicators, the results of the SAC, SEC the EEC marks the deficiency of the work of faculty and staff of the university, as well as the participation of supervising departments in attracting and ensuring the participation of students in various competitions of national and international importance, such as grant funding from the MES RK, the World Bank, social projects, competitions of the Foundation of the First President of the RK, the Erasmus + program, Tempus, etc.

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. EP management to increase the percentage of students in EP 5B072900 / 6M073000 "Construction", 5B073000 / 6M073000 / 6D073000 "PBMPS" involved in research and creative work with participation in grant funding from the MES RK, the World Bank, social projects, competitions of the First President of the Republic of Kazakhstan Foundation, Erasmus +, Tempus programs, as well as various creative contests.

Conclusions The EEC on the standard "Student-centered education, teaching and assessment of performance": accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS have 10 - satisfactory positions.

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

The university demonstrated the policy of forming a contingent of students in the context of the EP from admission to graduation and ensures the transparency of its procedures. The procedures governing the life cycle of students (from admission to completion) are defined, approved, published.

The policy of forming a contingent of students Korkyt Ata KSU is formed on the basis of the annual Career Guidance Plan, which carries out the supervising unit for vocational guidance. Issues of contingent formation and the results of admission are considered at meetings of departments, faculty council, university administration. For the department "ACP" fixed schools for vocational guidance activities are the secondary schools number 6 and number 12 of Kyzyl-Orda city. Applicants entering the university familiarize themselves with the conditions of student learning, the rules of conduct on the university's official website in the "Applicant" section, where he receives information about the state order for training specialists, masters and doctoral students for current years, the rules for conducting UNT, and model rules for admission to an organization education. During the period of professional orientation work, this site reflects data on graduates of the region's schools, which are constantly updated and supplemented.

Despite the unfavorable demographic situation, the geographical proximity of Russian universities, universities of Aktobe and Shymkent, the department "ACP" is successfully recruiting students, undergraduates and doctoral students to the accredited EP, details of which are given in Table 7, Standard 5.4.

Table 13. Formed contingent of students in the context of accredited specialties

Academic year	Mode of study	Total students	Grant students		Students for a fee	
			Russian	Kazakh	Russian	Kazakh
5B072900-«Construction»						
2016-2017	Full-time / remote	147	8	10/-	10/-	83/36
2017-2018	Full-time / remote	131	4	8/-	10/5	76/28
2018-2019	Full-time / remote	146	-	20/-	-/5	55/66
5B03000- "Production of building materials, products and structures"						
2016-2017	Full-time / remote	51	-	25/-	-	26/-
2017-2018	Full-time / remote	39	-	17/-	-	22/-
2018-2019	Full-time / remote	26	-	21/-	-	2/3
6M072900-«Construction»						
2016-2017	Full-time	6	-	2	-	4
2017-2018	Full-time	12	-	9	-	3
2018-2019	Full-time	17	-	11	-	6

6M03000- "Production of building materials, products and structures"						
2016-2017	Full-time	6	-	2	-	4
2017-2018	Full-time	2	-	2	-	-
2018-2019	Full-time	8	6	-	-	2
6D073000 - "Production of building materials, products and structures"						
2016-2017	Full-time	-	-	-	-	-
2017-2018	Full-time	1	-	1	-	-
2018-2019	Full-time	3	-	3	-	-

From the first day of stay in Korkyt Ata KSU to adapt students, meetings are held with deans of faculties, advisers who introduce the first course with the main points: basic concepts of credit technology of education, rules for organizing the educational process, the procedure for assessing knowledge at the university, the order of transfer to the next course, the elimination of academic debt, transfer to other educational institution, restoration, deduction, providing academic leave, etc. There are no foreign students receiving education in an accredited EP. Also, as part of the adaptation of students, the University holds Day of Knowledge Day, Open Door Day, Dedication to Students and Students Day. Orientation week is held, where the Dean of the Faculty and the Head of the Department conduct an introductory lesson on the rules of credit technology, the system assessment of knowledge, rules of translation and calculation of ORA, introduce with the departments, the rules of regulations and the university charter, the rules of residence in the dormitory, the code of corporate culture and the students circles acting at the university and the institute organizations self-government, with the mode of operation of the library, reading rooms users instructions and subscription, electronic information retrieval system.

The advisers-curators of the undergraduate, graduate and doctoral groups inform students about the orders and orders of the rector, dean relating to the educational process, acquaint them with the internal regulations, the Charter and the organizational structure of the university, bring to the attention the provisions of competitions, conferences, competitions and other events held at the Faculty of Engineering and the University. If necessary, advisors, group curators organize psychological support and counseling for students.

The Department of Educational Work and Youth Policy, the Department of Coordination of Educational and Cultural-Mass Work are working with young people, the university has a system of self-government of university students, including the public association "Union of Student" Youth, Republican Movement "Alliance of Students of Kazakhstan", "Committee of Student Union", public association "Ulagatulandary", student dean's offices and promotes the implementation of youth policy, supports the social activity of students of university.

Activities of Korkyt Ata KSU carrying out educational activities in accordance with the current state regulatory documents in the field of education, which has a state license and institutional accreditation in the territory of the Republic of Kazakhstan, corresponds to the Lisbon Convention.

In 2014-2019, in the framework of academic mobility of teaching staff for the accredited specialties of the department, lecture classes were held by 4 scientists from foreign universities, including: Mashkin Nikolay Alekseevich - Doctor of Technical Sciences, Novosibirsk State Architectural University, Corresponding Member of the Russian Academy of Natural Sciences and Siberian Branch of the Academy of Higher Education, Mikhail Mikhailovich Titov - Doctor of Technical Sciences, Associate Professor of the Novosibirsk State University of Architecture and Civil Engineering, Aifer Erke - Professor of Istanbul Technical University, Akitoshi Machizuki - a professor at Osaka University.

When planning work on the employment of graduates accredited by the EP, feedback is maintained with graduates of the faculty, the contingent of graduates, suggestions and recommendations from external and internal consumers are taken into account.

As part of the university, the issues of employment of graduates are dealt with by the department of competence development and employment. At the department, issues of monitoring employment are assigned to advisors. Table 14 shows graduate employment statistics.

Table 14 - Information about the employment of graduates

Academic year	Undergraduate		Postgraduate		Doctorate	
	Including trained by state-order	Employment ,%	Including trained by state order	Employment ,%	Including trained by state order	Employment ,%
2014-2015	21	93	8	95	3	100
2015-2016	14	90	6	90	2	100
2016-2017	16	88	2	92		
2017-2018	10	79	5	90		

An analysis of the results of graduate employment over four years showed an average of 87.5% in undergraduate studies, 90% in graduate programs and 100% in doctoral studies.

Graduates of the EP are employed in the public sector - civil service, colleges, research centers, and in the private sphere - business, building materials and construction plants, non-governmental organizations, etc. Graduates of EP are provided with questionnaires in which questions of their job satisfaction are raised and, based on the results of the analysis of the answers, adjustments are made to academic disciplines in order to better satisfy the employers' requests. For more effective advancement of graduates to professional activities, a coaching program is being implemented. Advisors groups help students in making career decisions, life conflicts, the learning process. Contacts of students with advisors are maintained even after graduation. Former graduates are invited to the department for vocational guidance, organizational activities. According to the employment of students of the department, it can be noted that, in general, employment rates are quite high.

In the process of training, students of the EP undergraduate program undergo the following types of professional practices: educational, industrial, undergraduate.

Information on the existence of agreements on the passage of professional practices within each EP is provided in the nomenclature of department affairs 04-1-4-1-20 (STU 8.05-17).

In accordance with the SEP specialties and the provision of professional practice of the Korkyt Ata KSU for the systematization and effective organization of all types of practices at the department, educational and methodical complex and guidelines for conducting and monitoring professional practices have been developed and approved. Chairs accredited EP conduct systematic work to strengthen ties with enterprises.

All kinds of practices in the Department of Architecture and Construction Production are provided with a package of documents including working curricula, guidelines for practical training, diary forms, report forms. The practical guidelines are represented by teachers whose qualifications correspond to the EP profile:

Students of EP 6M072900-Construction and 6M073000-Production of building materials, products and structures of scientific and pedagogical direction are the following types of practices: teaching, research; and core areas are manufacturing practice.

The pedagogical practice of EP 6M072900 "Construction, 6M073000" PBMPS "is carried out in the organization of education - Korkyt Ata KSU, at the Department of Architecture and Construction Production (graduating department). Research practice is conducted on the basis of enterprises of the Kyzylorda region (with the coincidence of the activities of the enterprise and the subject of the master's thesis) or on the basis of the department's laboratories. In addition, all undergraduates are trained in domestic and foreign universities. For example, the scientific internship in 2015 of doctoral students Saktaganova NA, Karshygaev R.O., Sarabekova U.M., Zharylgapov S.M., Utkelbaeva A.U. are held at the Samara State University of Architecture and Civil Engineering (RF).

In the course of professional practices with the heads of institutions that are the bases of the practices, the possibilities of further employment of students who have proved themselves well during the practice are discussed. In addition, graduate students take part in the "Job Fairs" held annually in the region.

According to the results of the internship, a concluding conference is held, where the heads of the organization are invited, with whom contracts have been concluded for the internship. As the results of the practices and reviews of the managers of the practices of the graduates of the OP 5B072900-Construction, 5B073000-Production of building materials, products and structures, have the skills demanded in the labor market.

The 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.

At the Department of Architecture and Construction Production, the best graduates are: AkisbekAigerim - graduated from Korkyt Ata KSU with a degree in 5B0072900 - "Construction", is studying in the magistracy of this specialty, NurilaIslamova - graduated from Korkyt Ata KSU with a degree in 5B073000 - "Production building materials, products and structures ", one semester studied on academic mobility in the West Kazakhstan Agrarian Technical University named after Zhangir Khan, currently studies at the Korkyt Ata Kyzylorda State University in this specialty, Sultan Zhaukhar graduated with honors from the Korkyt Ata KSU in the specialty 5B073000 - "Production of building materials, products and structures" studied one semester on academic mobility in Poland's master's program. Graduates of the specialty 5B072900 - Construction undergraduates Iskandir Ali, TamshybayBekzat study one semester on academic mobility in the magistracy of Poland. A student of the group STR-14-1 Dunaevlyyagraduated a bachelor's degree with honors, continues studies in a magistracy, he speaks fluent English, Kazakh and Russian.

Students have the possibility of extracurricular development at the university and outside the university.

In order to form a patriotic education in high school, it has become a tradition to hold the following events: promotion of the annual messages of the President of the Republic of Kazakhstan N.Nazarbayev, state programs, concepts, legislative acts; conducting curatorial hours in all educational groups to explain the state symbols of the Republic of Kazakhstan; holding actions "My homeland is Kazakhstan", "This is our flag!", "This is our emblem!", "Kazakh language is the native language"; youth organizations meetings: youth affairs committee; Student Trade Union, Kazakhstan Student Alliance, public organization "UlagatUlandary" with first-year students of all specialties; student show "Dedication to students"; organizing a festival for the Students' Day; holding a patriotic action "One Motherland, One Law"; events dedicated to significant dates (March 8, March 22, May 7, etc.)

The traditional events are activities aimed at the formation of a healthy lifestyle: the functioning of sports clubs; conducting inter-faculty games among first-year undergraduate students; actions dedicated to the day against AIDS;

Students' satisfaction with the quality and conditions of education is monitored through student surveys, questioning, tests.

A mandatory requirement for the implementation of the educational program is to attract students to research work.

The department "Architecture and Construction Production" organized research work of teachers, undergraduates and students. Almost all students, and even more undergraduates, by the end of their studies have from three to five published articles, which predetermines the possibility for bachelors to enter the magistracy, and to undergraduates to qualify for doctoral studies.

In the 2016-2017 academic year, the student of the group STR-12-1 BisembayevMukhamedzhan (supervisor, academician Professor Baytasov K.) and the student group of PSM-13-1 Baymaganbetova Alma (supervisor, professor Uderbaev S.S.) became the winners of the VI International Festival architectural and design schools of Eurasia, held at the Middle East University of Northern Cyprus, and received certificates. In 2016 students of the group STR-12-1ZhumabekovaGulziya and AdilkhanovaZheniskul (scientific supervisor Budikova A.M.) at the 35th interuniversity students' scientific and technical conference in the Samara State University of Architecture and Civil Engineering were awarded a diploma for the 3rd place, and student of the group STR-14-3 BeketaevaTolganai (supervisor Baytasov K) was awarded a diploma for the first place.

In 2015, a student of the group PSM-11-1 ShadaiGulzat won a scholarship to the Foundation of the First President of the Republic of Kazakhstan.

In 2016, a graduate of the group PSM-13-1, Baymagambetov A. and a graduate student of the group PSM-15-1m, ShadaiGulzat, were awarded diplomas of II and III degrees at the Republican review-competition of final works, held at the Samara State University of Architecture and Construction.

Information about the publications of students accredited EP are presented in table 15.

Table 15 - Number of publications of students of the department "ACP"

Educational program	2016/2017	2017/2018	2018/2019
5B072900 - Construction	4	5	5
5B073000 – PBMPS	4	6	8
6M072900 - Construction	16	14	18
5B073000 – PBMPS	10	12	4
5B073000 – PBMPS	12	14	7

Student of the group PSM-12-1 AbdullaevAmandyk and master student of the STR-13-1m group Don N. conducted research on the topic "Description of the physical properties and particle size distribution of sand and mechanical particles generated during the work on oil wells and overhaul in the JSC "Petro-Kazakhstan KumkolResources" under the leadership of Academician Professor of the Department K. Baitasov.

At the Department of Architecture and Construction Production, gifted students are identified by group advisors on the basis of the student's social card, which is a biographical questionnaire, which presents many aspects of the student's biography, the environment of the student's personality, and social position.

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. For example, AgysbekAigerim, a student of the group STR-13-1p/ya, received a 50% tuition discount. Students and undergraduates can receive a rector grant.

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

A feature of the educational program of the specialty 5B072900- Construction is the possibility of multilingual education.

Analytical part

The university cooperates with other educational organizations and national centers and participates in the activities of the Center of the Bologna Process and Academic Mobility, which is Kazakhstan's European Network of National Information Centers for Academic Recognition and Mobility, National Academic Informational Recognition Center ENIC / NARIC to ensure comparable recognition of qualifications. As part of the organization of external and internal academic mobility of students, exchange programs are carried out at the level of bachelor and master programs with foreign universities of Russia and Poland.

Students have the right to participate in academic mobility programs in accordance with the "Regulations on academic mobility of students, faculty and staff of Korkyt Ata KSU.

Academic mobility monitoring is carried out by the Department of Academic Mobility. The analysis of the results of the targeted expansion of academic mobility is carried out by the Center of the Bologna Process and academic mobility. The organization of academic mobility at KSU named after Korkyt Ata is regulated by the Law of the Republic of Kazakhstan "On Education", regulatory documents of the Ministry of Education and Science of the Republic of Kazakhstan, and rules of the educational process on the credit technology of education.

The implementation of the educational program involves the external and internal mobility of students, information about the implementation of which is given in Table 16.

Table 16 - Data on academic mobility of students:

Academic year	Incoming Mobility		Outgoing Mobility	
	number	EP, university	number	EP, university
2015-2016	-	-	1	6M072900 - University of Lodz, Poland, undergraduate group STR-15-1m Tamshybai B.
2016-2017	1	5B073000 - West Kazakhstan Agrarian Technical University named after Zhangir Khan, gr. PSM-15-1, Idrisov B.	1	5B073000 - West Kazakhstan Agrarian Technical University named after Zhangir Khan - Islamova NB - gr.PSM14-1.
2017-2018	1	M.Kozybayev North Kazakhstan State University, GR-16-1 - Bermaganbetov A., 2 sem.	-	-
2018-2019	-	-	2	1.6M073000 - University of Lodz, Poland, graduate student of the PSM17-1m group - Sultan Zh. 2.6M072900 - University of Lodz, Poland, undergraduate group STR-18-1m - Iskendir Ali.
Total	2		4	

In the period from 2015 to 2019, 4 students were trained under the program of outgoing academic mobility (5B07300 - 1, 6M07300 - 1, 6M072900 - 2), and according to the incoming mobility, the department accepted 2 students. For the department, carrying out the educational process on 5 educational programs (Construction - Bachelor and Master; PSMIK - Bachelor, Master and Doctorate), *this indicator is poorly implemented.*

To identify and analyze the current and future demand for specialists in various fields of training, expanding the faculty's direct connection with employers, identifying information on employers' additional professional requirements for graduates, general educational and personal qualities of graduates, in 2014, the Alumni Association of Korkyt AtaKyzylorda State University was created. The Alumni Association in its activities is guided by the legislation of the Republic of Kazakhstan, the Charter of Korkyt Ata KSU and Regulations, which was approved by order of the Rector of the University of September 1, 2014. *However*, as a result of interviews with university graduates, the EEC Commission notes the absence of the activities of the Alumni Association.

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. The management of the university is to strengthen the work on the organization of conditions for the additional study of foreign languages by students and faculty of the university to participate in academic mobility programs, as well as assist them in obtaining external grants for training.

2. The university management is to update the activities of the Alumni Association

Additional recommendations on the OP 5B / 6M072900 Construction and 5B / 6M07300 PBMPS

3. The leadership of the EP to expand the scope of cooperation with the Kazakhstan education organizations for the implementation of the program of internal academic mobility of teaching staff and students of the EP 5B / 6M072900 Construction and 5B / 6M07300 Production of building materials, products and structures.

Conclusions of EEC on the standard "Students": accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS have 10 - satisfactory, 2 - suggesting improvements in positions.

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 staff.

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

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

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.

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

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 EP, 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 information and communicative technologies 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 social life of 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 staff policy of the university is reflected in the Charter of the RSE on the PVC "KSU named Korkyt Ata" (August 21, 2012, with changes and additions dated August 25, 2014, 03/03/2016), the University's mission of the Korkyt Ata KSU (<http://www.korkyt.kz>), the Collective agreement (21.06.2016), the Internal Labor Regulations (29.08.2016), the Regulation on labor remuneration (30.12.2015), the Regulation on certification of pedagogical workers and their peers persons (08.12.2017), the Regulation of the competitive replacement for vacant positions of the University of Korkyt Ata KSU (March 5, 2018, with amendments and additions dated April 11, 2018).

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. A range of advancement allows an employee to go from executive to executive position. For example:

- BisenovKylyshbayAldabergenovich - assistant - teacher - senior teacher - professor of the department - dean - deputy director of the institute for academic affairs - vice-rector for educational work - first vice-rector - rector of the university.

- Baytasov K. - Lecturer - Senior Lecturer - Head of the Educational Department / Associate Professor - Head of the Department / Academic Professor of the University

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.

Training in accredited educational programs is provided by the faculty of the department "Architecture and Construction Production". 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. In the 2018-2019 academic year, full-time faculty members in the department have 17 people, including: 2 doctors of technical sciences, 10 candidates of technical sciences, 1 doctor of philosophy (PhD); 4 teachers - with an academic master's degree. The number of teachers with scientific degrees - 13 people, which is - 76.4% of the total number of teaching staff. The average age of the teaching staff of the accredited specialty is 46 years.

The total number, staffing and average age of faculty for the last 5 years are presented in table 17.

Table 17 - the staffing of the faculty involved in the implementation of the EP

No	Academic years	The total number of faculty by staffscheduling,	Including the teaching staff, person(%)	Including incompatible, person(%)	Average age, year
1	2014-2015	18	18	-	52

2	2015-2016	19	19	-	52
3	2016-2017	19	19	-	52
4	2017-2018	18	18	-	45.5
5	2018-2019	17	17	-	46

According to the table, the proportion of full-time faculty members is 100.0%, which indicates a high staffing level of the faculty staff at the expense of their own staff, a reduction in the average age of faculty members is also positive, which indicates the involvement of young teachers in the staff of the department.

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.

Qualification of teachers of the department "Architecture and Construction Production" for 2015-2018, their quantitative composition are presented in table 18

Table 18 - Qualitative indicators of teaching staff of the department "ACP"

Indicators	Academic years				
	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Total regular faculty	18	19	19	18	17
Of them:					
With a doctoral degree	3	2	3	2	2
With a degree of candidate of sciences	12	12	11	10	10
With PhD degree	-	-	-	-	1
With an academic master's degree	1	4	5	6	4
Degree rating (%)	83.3	73.5	73.5	67.0	76.4

- Within EP 5B072900 "Construction", the educational process is provided by 12 teachers, including doctors - 1; candidates - 8; masters - 2, doctors PhD -1. The percentage of faculty with academic degrees and titles is 83.3%

- Within EP 5B073000 "PBMPS", 8 teachers, including doctors, provide the educational process; candidates - 4; Masters - 2, ., PhD-1 faculty with academic degrees and titles is 75%

- Within EP 6M072900 "Construction", the educational process is provided by 6 teachers, including doctors - 1; candidates - 4; Doctors PhD-1. Faculty with academic degrees and titles is 100%

- In the framework of the EP 6M073000 "PBMPS" 6 teachers, including doctors - 1 provide the educational process; candidates - 5. Faculty with academic degrees and titles is 100%

- Within EP 6D073000 "PBMPS" 5 teachers, including doctors - 2 provide the educational process; candidates - 2; PhD-1. Faculty with academic degrees and titles is 100%

Analysis of the quality indicators of teachers performing accredited EPs showed a high level of degree, which makes it possible to successfully carry out educational activities at all levels of education.

For merits in the educational activities of the teaching staff of the department have the following honorary titles, certificates and badges: Excellence in Education of the Republic of Kazakhstan - 2; Breastplate of the name Y. Altynsarin - 3; The state grant of the Ministry of Education and Science of the Republic of Kazakhstan "The best teacher of the university" - 3; Certificate of Merit of MES RK - 2; Diploma of akim of the region -3. The faculty of the department includes specialists who provide the educational process in the state language (100%).

In the framework of accredited specialties, acting Rector of the University, Doctor of Physics and Mathematics, Professor Abdikarimov B.Zh, who provides overall management of all departments and services of the University is responsible for workers according to graduation, concludes agreements; acting Vice-Rector for Academic Affairs - First Vice-Rector of the University, Ph.D., Associate Professor Ugenishbekov A.T. fulfills and coordinates educational, methodical, scientific, educational, vocational guidance work of the university, personnel policy of the university, the formation of a reserve of personnel and staff schedules of staff, material and technical base of the university, organization of work and effective interaction of university departments and others; acting Vice-Rector for Research and International Relations Ph.D., Acad. Professor Omarov K.A. supervises the activities of research centers, faculties and departments, develops and implements plans for comprehensive research works at the university, strengthens the material and technical base of research laboratories, research centers, scientific and technical libraries, departments, faculty: Vice-Rector for Strategic Development and Finance, Ph.D., Associate Professor Urazbaev N. controls the activities of the departments of accounting, economics and planning, department of international relations, economic management and catering; Dean of the Faculty of Engineering and Technology, Ph.D. Zhabagiev A.M. coordinates the activities of educational and scientific units that are part of the faculty, determines the personnel policy at the faculty. carries out, together with the heads of the departments, the staff of the faculty, scientific and educational support staff; Head of the department "Architecture and construction production", Ph.D., Acting Professor Baytasov K.N. develops an intra-department quality system for training specialists, organizes research work at the department, examines dissertations submitted for protection by department staff or applicants, controls the quality and implementation of individual plans of department teachers and other types of staff work, controls the employees of the department, fulfills the rules of labor protection and safety engineering, industrial sanitation and fire safety;

In the university, in order to improve the professional level, motivate teachers and stimulate employees, there is a system of rewarding teachers and employees for their personal contribution and the results achieved in their work. The system of material incentives for teaching staff took the form of differentiated wages for teaching staff based on an assessment of the effectiveness of their activities, with the possibility of providing additional payments depending on the results achieved.

The university has developed an automated workplace system for an employee, an ARM-program, program with thirty parameters (personal data, data on education, work, benefits, vacations, rewards, awards, penalties, position held, the rate being executed, the number of the order for admission for work, the duration of the employment contract, job category, bonuses and supplements, the form of the employment contract for faculty and staff of the university, an additional agreement to the employment contract).

All the above personnel data is entered into the database of this program, based on the available information. All types of personnel composition reports are compiled on the basis of ARM-frames in Excel, WORD. This program is used for work by employees of the

accounting and accounting department. In connection with the staff movements for the admission and dismissal of faculty members, the PLATONUS program is constantly being adjusted. Information about the faculty is posted on the E-Univer website (www.korkyt.kz).

The university has developed and implemented a system of competitive selection of faculty and certification of its qualified level. In order to increase the level of training of specialists, to improve the qualitative composition of the teaching staff, there is a competitive contract recruitment system.

The qualifications of teachers, their number corresponds to the directions of training accredited specialties, meet licensing requirements. Qualification requirements for teaching staff are defined in job descriptions, regulations on subdivisions, and documented QMS procedures.

The faculty of the department, providing EP, are actively engaged in research and development activities. Within the framework of the priority directions of the research work of the department, grant research is carried out, table 19.

The faculty of the department "Architecture and Construction Production" carries out grant research attracts students to EP, consistently introduce in the educational process the results of research works, complementing the curriculum of disciplines, motivating students to play an active role in the joint creation of the learning process.

Table 19 - RW performed by the Department of Architecture and Construction Production, for grant financing of the Ministry of Education and Science of the Republic of Kazakhstan (2013-2019)

Name of research work	Project manager, performer	Amount of funding	Number, date of agreement and enterprise made an agreement	EP Student participation
The technology of granular porous insulation material based on the processing of clay rocks in the composition of oil sludge - sand	Doctor of Technical Sciences Bissenov K.A.	5817013 tenge	№ 304 dated 03.04.2017 GU "Committee of Science MES RK"	5B073000-PBMPS 6M073000-PBMPS
Priority: Deep processing of raw materials and products		18574000 tenge		
1. Development of technology for the preparation (processing) of organic aggregate – agricultural waste to produce a composite material - wood concrete.	Doctor of Technical Sciences Bissenov K.A., Doctor of Technical Sciences Uderbaev S.S.		№ 215 dated 04.02.2013 SI "Committee of Science MES RK"	5B073000-PBMPS 5B072900-Construction
2. Development of processing technology-activation of inert sand sand and ash of thermal power station to create materials with desired properties.	Doctor of Technical Sciences Bissenov K.A., Doctor of Technical Sciences Uderbaev S.S.		№ 215 dated 04.02.2013 SI "Committee of Science MES RK"	6M073000-PBMPS
3. Development and practical application of the combined	Doctor PhD Aruova L.		№ 215 dated 04.02.2013	5B/6M/6D073

energy-saving and environmentally friendly technology for the production of precast concrete products and structures using solar energy.			SI "Committee of Science MES RK"	000- PBMPs, 6M072900- Construction
Use for wastewater treatment as an adsorbent compositions of solid and liquid waste.	Ph.D. Appazov N.O., Doctor of Technical Sciences Bissenov K.A.	27180000 tenge	No. 303 dated 03.29.2018 SI "Committee of Science MES RK"	5B073000- PBMPs 5B072900- Construction

In order to improve the quality of training of specialists of the senior lecturer of the department, Phd Dr. Saktaganova N.A. introduced experiments in determining the optimal composition of non-autoclaved aerated concrete, method of activating a binder.

The faculty of the department are interested in publishing their scientific achievements in rating foreign and republican scientific journals, preparing patents, and participating in scientific conferences. Indicators for RW are presented in Table 20.

Table 20 - Statistical indicators of research in the department "ACP"

Indicators of RW	Number		
	2016	2017	2018-19
Availability of patents, number	2	2	1
Issue of monographs, number	1	1	
Issue of textbooks, number			
Issue of textbooks, number	1	1	3
Issue of scientific articles in publications with non-zero impact factor, number	3	4	1
Kazakhstan publications, number	1	9	8
Foreign publications, number	5	1	8
Participation of faculty, staff in conferences, number	2	5	1
	3		

The results of scientific research published in domestic and foreign editions, including those with the impact factor, and in the international bases Scopus, RISC, and in the works of republican and international conferences are given below.

Publications in collections of conferences held in foreign countries:

1. K.A. Bissenov, S.S. Uderbayev/Research and Development of a New Electromechanochemical Method for the Activation of Mineral Binders// Mediterranean Journal of Social Sciences MCSER Publishing, Rome-Italy, Vol 5 No 20, September 2014. - P. 2711-2716. Scopus,, Impact Factor - 0.115.

2. S. S. Uderbayev, K. A. Bissenov. Development of a New Method of Aggregate Treatment in the Technology of Lightweight Concrete–Wood Concrete// Mediterranean Journal of Social Sciences MCSER Publishing, Rome-Italy, Vol 5 No 20, September 2014. - P. 2682-2686. Scopus,, Impact Factor - 0.115.

3. Baytasov K.N., Abdikerova U., Abuova R., Don N. Specifics of oil pipeline systems 'risks management // Life Sci J 2014; 11 (11): 591-594] (ISSN: 1097-8135). Thomson Reuters and Scopus, Impact Factor - 0.165, Efficiency of sand concrete based on a mixed

binder. Science and the world. Intern. Scientific Journal # 2 (18), 2015, Volume 1, Journal Impact Factor 0.325

4. Abieva G.S., Shomantayev A.A., Bekmuratova N.T., Makhanov A.Z. Anti-seepage devices of bioprud in the village of Kumkol. Science and the world. Intern. Scientific Journal №2 (18), 2015, Volume 1, Impact factor journals 0.325.

5. Budikova AM, Tamshybay BS. Sinking deformation of structures on the loess soils of southern Kazakhstan, taking into account the increase in the area of soaking, X International scientific-practical conference "International scientific review of the problems and prospects of modern science and education. USA, Boston, February 07-08, 2016

Publications in collections of conferences held in the near abroad:

1. Bissenov K.A., Uderbaev S.S., Saktaganova N.A. Ways to improve the reliability of products from cellular concrete. Innovations in science: a collection of articles based on materials of the LVII international scientific-practical conference number 5 (54). Part II. - Novosibirsk: SibAK, 2016. - p. 117-122.

2. Embergenov M.A., DospenbetovaA., UmirzakZh. Studies on the determination of the possibility of using clays from the Kyzylorda deposit for the production of ceramic bricks. Samara State Technical University, a collection of articles on the materials of the 11th International Scientific and Practical Conference number 3 (34). Part II. - Samara, 2016. - p. 78-82.

3. Baytasov K.N., Embergenov M.A., Nauryzbaev A.A. Construction and technical properties of the ash of the Kyzylorda thermal power station in the production of building materials, Science and World Magazine No. 11 (27), 2016.

4. Budikova A.M., Tamshybay B.S. Expected joint subsidence deformation of structures taking into account the area of soaking. Federal journal "Science, technology and education." 01.11.2016

The total number of teachers who have undergone advanced training is reflected in table 21.

Table 21 - Analysis of advanced training of teaching staff

Academic year	Established faculty members	Those who attended professional development courses at the republican level	Those who attended professional development courses at the international level	professional development %
2014-2015	18	11	2	72.2
2015-2016	19	5	1	31.5
2016-2017	19	7	2	47.4
2017-2018	18	11	1	67.0

In order to improve the qualifications, scientific and methodological seminars were held with the participation of Kazakhstani and foreign scientists. So, in the 2014-2015 academic year, a seminar was held on the topic "Building materials and technologies used in modern construction" with the participation of Doctor of Technical Sciences, professor of the Novosibirsk State University of Architecture and Civil Engineering, corresponding member of the Russian Academy of Natural Sciences N.A. Mashkina.

A seminar was held on the topic "Physical Foundations of Building Processes", where the report of M.Titov, Doctor of Technical Sciences, Professor of the Novosibirsk State University of Architecture and Construction, was made.

In the 2017-2018 academic year, a professor at Istanbul University, AyfkerErkan, held a seminar on "Seismic Zones, Norms and Methods of Research" for teachers, doctoral students and undergraduates of accredited educational programs.

The peculiarity of teaching staff is academic continuity - training of own personnel through the involvement of masters and doctoral students in scientific and educational activities.

The Department of ACP created all the conditions for the development of young teachers. Annually it is planned to enroll in the magistracy and in the target doctoral studies of young teachers.

In the 2017-2018 academic year, teacher N.A. Saktaganova successfully defended her doctoral council in the following specialties 6D072900 - Construction and 6D073000 - Production of building materials, products, and structures ". In the 2018-2019 academic year at the same council the lecturer of the department U. Abdikerova successfully defended her doctoral dissertation for the degree of Doctor of Philosophy (PhD). Lecturer Utkelbaeva A. graduated from doctoral studies in the specialty 6D073000 - Production of building materials, products and structures.

For the development of young teachers in graduating departments there are: attending by young teachers of demonstrative classes of professors, associate professors; attendance of young teachers with subsequent analysis and recommendations; training courses; participation in scientific conferences (republican, international); participation in scientific seminars.

The teachers of the accredited educational institutions take an active part in the public life of the city, region and republic, participating in scientific and theoretical conferences, meetings, propaganda of the Messages of the President of the Republic of Kazakhstan - the Leader of the Nation, state programs.

Analytical part

The analysis of the department's documentation, interviews with teachers did not show the practice of participation of teachers in academic mobility programs.

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. To continue the work on attracting within the framework of academic mobility of leading scientists of Kazakhstan and neighboring countries.
2. Strengthening the work on the implementation of the program of academic mobility of teaching staff, including through participation in the Erasmus +, Tempus, Bolashak and other programs.

Conclusions The EEC according to the standard "Teaching staff and teaching effectiveness": accredited educational programs 5B073000 / 6M073000 / 6D073000 "Production of building materials, products and structures", 5B072900 / 6M072900 "Construction" have 11 satisfactory positions, 1 - suggests improvements.

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

For the organization of the educational process, research work on the EP department "ACP" and the creation of appropriate conditions in the areas of training bachelors and postgraduate vocational education (magistracy, doctoral studies) faculty use the following resources:

Table 22 - Specialized rooms and laboratories used in the implementation of the EP of the department "Architecture and Construction Production

Name	Roomnumber/campus	Area
Laboratory "Resistance of Materials"	116/5	106,5m ²
Laboratory "Building construction" 117	117/5	165,6m ²
Laboratory "Building Materials"	123/5	49,3m ²
Laboratory "Technology of Concrete"	123a/5	37,7m ²
Laboratory "Soil Mechanics, Foundations and Foundations"	408/5	52,2m ²
Laboratory "Composite Materials"	109/5	90m ²
Lecture room "Engineering Graphics"	308/5	100,2m ²
Computer class	306/5	48m ²

Each specialized room has a passport, is equipped with safety instructions. There is a register 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. Laboratories are equipped at an adequate level.

Table 23 - The destination of specialized and university-wide laboratories for students accredited EP

EP	Specialized laboratories/ building/rooms	Discipline	General laboratories/ building/rooms	Discipline
5B072900 Construction	5/116 Laboratory «Building constructions»	Building constructions I, I, III,	4/307 Laboratory "Mechanics and Molecular Physics" 44/305 Laboratory "Electricity and Magnetism" 4/304 Laboratory "Optics and Atomic Physics"	Physics, Engineering Mechanics I
	5/117 Laboratory of Materials Resistance	Engineering Mechanics II,	4/504 Laboratory of Electrical	Electrical Engineering and

		III, Resistance of Materials,	Engineering and Electronics	Electronics
	5/308 Office of Descriptive Geometry and Engineering Graphics	Engineering Graphics, Descriptive Geometry, Architecture	5/302,304,306 Computer Classes	Information and Communication Technology, AutoCAD Basics and Computer Aided Design
	5/408 Laboratory "Soil Mechanics, Foundations and Foundations"	Geotechnics I, Geotechnics II	Room and Surveying System	Geodesy
5B073000 PBMPs	5 / 123,123a Laboratories "Building materials and products"	Building materials, Binders, Concrete technology I, II, Processes and devices	4/307 Laboratorium "Mechanics and Molecular Physics" 4/305 Laboratory "Electr and Magnetism" 4/304 Laboratory "Optics and Atomic Physics"	Physics, Engineering Mechanics I
	5/109 Laboratories "Composite Materials"	Building constructions II,	9/120 General and bio-organic research	Chemistry of building materials
	5/308 Office of Descriptive Geometry and Engineering Graphics	Engineering Graphics, Descriptive Geometry, Architecture	4/504 Electrical Engineering and Electrical Engineering	Electrical Engineering
			5 / 302,304,306 Computer Classes	Information and Communication Technology, AutoCAD Basics and Computer Aided Design
6M072900 Constuction	/109 Laboratory "Composite Materials" 5 / 123,123a Laboratory "Building materials"	Modification concretes, Basics of research		
	55/117 Laboratory "Materials Resistance"	Design of large-span buildings and structures		
	5/408 Laboratory "Soil Mechanics, Foundations and Foundations"	Modern methods for installing foundations in difficult geological conditions		

6M073000 PBMPs	5/109 Laboratory "Composite Materials" 5 / 123,123a Laboratory "Building materials"	Modification concretes, Basics of research		
	5/117 Laboratory "Materials Resistance"	Design of large- span buildings and structures		
6D073000 PBMPs	5//109 Laboratory "Composite Materials" 5 / 123,123a Laboratory "Building materials"	Heat treatment of raw materials for building materials, The use of industrial waste in the production of building materials, Scientific research		

Over the past 5 years, materials and equipment have been purchased for the implementation of accredited EPs in the amount of 9,115,152 million tenge, of which:

- 2015 - 2 466 222 tenge.
 - 2017 - 68 930 tenge,
- including through funded RW, grant RW in the total amount of 6,580,000 tenge.

The department "AISP" concluded agreements on the opening of branches of departments in enterprises.

Table 24 - Branches of the department "ACP"

No	Name of the organization	No Date and protocol of approval of the contract	For EP	Validity
1	Kyzylorda branch "NUR-STROY LTD"	27.01.2017	5B072900/6M072900 - Construction 5B073000/6M073000 PBMPs	3 years
2	Kyzylorda branch "KazKaitaZhanartu" RMK	27.01.2017	5B072900/6M072900 - Construction 5B073000/6M073000 PBMPs	3 years

The Commission notes the possibility of introducing a dual training system in the context of the accredited EP 5B072900 - Construction and EP 5B073000 - PBMPs at the branches of the department.

The accredited students of EP 5B072900 "Construction", 5B073000 "PBMPs" have the opportunity to undergo professional practice in 10 production organizations:

Table 25 - Base practices of students accredited EP.

EP	Base practical training	Contract
5B072900 «Construction»	LLP "AbzalProjectConsulting	No. 1263 of 12/28/17
	LLP "SD" Kurylys Service "	No. 1971 of 04/27/17
	LLP "TehnostroyProekt"	№1972 from 04/27/17
	LLP "Akmeshit-Meliorator"	№1259 from 12/28/17
	LLP "Arman-Kyzylorda"	№1254 from 12.28.17
	KyzylordaZhobaKurylys LLP	No. 1925 of 04/27/17
6M072900 «Construction»	Novosibirsk State University	Cooperation Agreement 27.06.2018
	Saratov State University named after N.I. Vavilov, Russian Federation	Cooperation Agreement 02.26.2014
5B073000 «PBMPs»	Kyzylorda branch "NUR-STROY LTD"	No. 1281 of 12/28/17
	LLP "TransAsiaContact"	No. 1285 of 12/28/17
	Meliorator LLP	No. 1956 of 04/27/17
	IgilikKyzylorda LLP	No. 1943 of 04/27/17
6M073000 «PBMPs»	Istanbul University, Turkey	Memorandum of Cooperation November 27, 2015
	Novosibirsk State Technical University, Russia, Novosibirsk	Cooperation in the field of science and education, 06.27.2018
6D073000 «PBMPs»	University of Lodz, Republic of Poland	Agreement on cooperation and scientific exchange 19.10.2012
	Moscow State University of Civil Engineering, Russian Federation	Cooperation Agreement 04/05/2013

For the implementation of the program of academic mobility and pedagogical practice of undergraduates EP 6M072900 "Construction", 6M073000 "PBMPs", doctoral students of EP 6D073000 "PBMPs" signed memorandums of cooperation with foreign educational organizations:

Table 26 - Data on concluded international agreements on cooperation with foreign educational organizations.

№	Name of organization	Date and approval protocol
1	Date and approval protocol	Cooperation agreement of 06/27/2018
2	Saratov State University named after N.I. Vavilov, Russian Federation	Cooperation agreement of 02.26.2014
3	University of Lodz, Republic of Poland	Agreement on cooperation and scientific exchange of experience 19.10.2012
4	Moscow State University of Civil Engineering, Russian Federation	Cooperation agreement of 04/05/2013
5	Istanbul University, Turkey	Memorandum of Cooperation dated November 27, 2015
6	Novosibirsk State Technical University, Russia, Novosibirsk	Cooperation in the field of science and education from 06.26.2018

Table 27 - Information about the library resources of the university, in the context of the accredited EP

№	Name of indicator	Indicator
1	Number of seats in the library, including computer classes	700
2	The total number of copies of educational materials in the library EP 5B072900 / 6M072900, 5B073000 / 6M073000 / 6D073000	231
3	Funds allocated for the purchase of periodicals for all accredited EP	2 088 914 tg
4	Total library collection, including literature on electronic media EP 5B072900 / 6M072900, 5B073000 / 6M073000 / 6D073000	620
5	Book provision for 1 student of the given contingent 5B072900 "Construction", 6M072900 "Construction"	163,4
6	Book availability for 1 student of the given contingent 5B073000-PBMPS, 6M073000-PBMPS, 6D073000-PBMPS	168,8

Over the past 5 years, publications were purchased for the implementation of the accredited EPs for a total amount of 16,745.2 thousand tenge.

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.

Currently, the work listed in the Internet resources <http://cdokp.tstu.tver.ru/site.center/vlab.aspx?lab=materials> are used in practice. For EP 5B072900 / 6M072900 - Construction, EP 5B073000 / 6M073000 / 6D073000 "PBMPS" at the department in the framework of educational and research activities software is used REVIT, as well as in the training process software AutoCAD (licensed software), the demo version of ABC Estimated, Scud, Lyrais used.

Planned acquisition of equipment for the educational and scientific process for the period 2018-2021. totaling 1 978 000 tenge

Check for plagiarism in KorkytAta KSU is carried out 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 the following 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 "Tauelsizdik zhaneElbasy(Independence and Head of the State)", 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 ZhastarOdagy", the youth wing "ZhasOtan", the student trade union committee, the public association "Ulagatulandary", the debate club "Akikat", the intellectual club "Dreamclub", the student detachment " Zhasyl el ", KVN team " KorkytKyrandary ", " KyzZhybek ", " KorkyytZhastary ", dance group " Farida ", sports sections on 11 types, etc.

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

- availability of library resources is 98.6%;
- The existing educational resources of the university - 95.1%;
- availability and accessibility of computer classes and Internet resources - 97.9%.

Analytical part

Teaching materials published by teachers are available for students. 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).

Table 28 - List of electronic-methodological materials of the department "ACP", presented in the electronic library of Korkyt AtaKSU.

EP	Number				
	AMCD	WEP	Educational and methodical materials	AMCPpractice	Webinars and other visual materials
5B072900 «Construction»	47 (1)	5	10	1	10
6M072900 «Constuction»	16	3		1	12
5B073000 «PBMPs»	46	4	8	1	15
6M073000 «PBMPs»	15	3		1	12
6D073000 «PBMPs»	5	1		1	9

Note: (*) - in English.

The EEC Commission notes the lack of materials in English.

To provide access to the Internet, an optical network with unlimited traffic at a speed of 200 Mb / s conducted at the university. Buildings and dormitories are connected to Wi-Fi wireless Internet at a speed of 16 MB / s. *However, the Commission EEC notes the absence of a Wi-Fi network in building 5.*

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. There are no foreign students and students with disabilities in the department "ACP". *However, in general, at the university there is an insufficient provision of conditions for students with disabilities.*

The department has a sufficient number of agreements on the passage of professional practices by students EP 5B072900 "Construction" and 5B073000 "Production of building materials, products and structures" (see table 25): LLP "AbzalProjectConsulting, LLP" SD "Kurylys Service", LLP "TekhnostroyProekt", LLP Akmeshit-Meliorator, LLP Arman-Kyzylorda, KyzylordaZhobaYrylys LLP, TransAsiaContraction LLP, Meliorator LLP, IgilikKyzylorda LLP, etc. Also, the department signed agreements on the establishment of branches Kyzylorda branch and LLP "NUR-Stroy LTD" Kyzylorda branch of LLP "KazKaitaZhanartu. According to the data on the availability of contracts, as well as on the results of visiting the practice bases, the commission notes the possibility of introducing a dual training system in the context of the accredited EP 5B072900 - Construction and EP 5B073000 - PBMPs at the industrial organizations of the region.

Recommendations EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures",

6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. The management of the EP is to include a number of activities in the work plan of the department and faculty for 2019-2021 on the development and implementation of a plan for the publication of educational materials in English.

2. University management is to consider the possibility of providing a Wi-fi network in building 5.

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.

Additional recommendations on the EP 5B072900 "Construction", 5B073000 "Production of building materials, products and structures":

4. The management of the accredited EP 5B072900 "Construction", 5B063000 "PBMPS" should consider the possibility of introducing a system of dual training at the bases of professional practices.

Conclusions of the EEC according to the standard "Educational resources and student support systems": the accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPS have 10 - satisfactory positions.

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 EP, 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 uses various methods of spreading information: dissemination through employees, applicants, students, through the university site; through official communities ("In contact", "Facebook", "Instagram", etc.); through social media; through the exchange of information during conferences, round tables, forums, through the organization of internal corporate events, seminars, through scientific and educational communities; through the distribution of press releases, newsletters, publication of news

materials, articles through the media (Khabar, AltynSapa Magazine, Modern Education Newspaper, Kazakhstan-Kyzylorda, KogamTV, SyrBoyi, Kyzylordinskyevesti ", " Halyk ", " El tilegi ", etc.) through meetings with employers, experts, production specialists.

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.

In the high school for example:

- From June 6 to June 8, 2018, the traditional meeting of the rector of Korkyt Ata Kyzylorda State University, Doctor of Technical Sciences, Professor K.A.Bissenov was held with students on the conversation on the implementation of the instructions of the Head of the State N.A. Nazarbayev, put forward in the program article "Directions to the Future: Modernizing Public Consciousness," focused on new achievements of the university and upcoming plans for the future (<http://www.korkyt.kz/index.php/ru/2018-04-04-03-20-25/novosti/810-dobraya-traditsiya-vstrecha-rektora-universiteta-so-studentami>).

- November 8, 2018 in the Palace of Students of Korkyt Ata Kyzylorda State University with the support of the general partner of the Social Projects Development Fund "Samruk-KazynaTrust", ChF "Communicative Initiative and Strategy Foundation" there was held the Republican project "Promotion of Kazakh-language media and popularization of the Digital Kazakhstan program" devoted to issues of digitalization, to which the President paid particular attention in his Message to the people of Kazakhstan "New development opportunities in the conditions of the fourth industrial revolution" (<http://www.korkyt.kz/index.php/ru/2018-04-04-03-20-25/novosti/1061-unikalnyj-proekt-po-populyarizatsii-programmy-tsifrovoj-kazakhstan>).

- On November 22, 2018, a discussion of the article of the President of the Republic of Kazakhstan N.A. Nazarbayev's "Seven Facets of the Great Steppe", which is a continuation of the program "Direction to the Future: Spiritual Renewal" (<http://www.korkyt.kz/index.php/ru/2018-04-04-03-20-25/novosti/1131-sem-granej-velikoj-stepi-ocherednaya-initsiativa-v-podderzhku-molodjozhi>).

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.

Table 29 - Publication of teaching staff of the department "ACP" through the media

№	Name of printed publication and TV channel	Name of article	No., date of publication, speech	Full name of the author
1	"AltynSapa" Journal	The main priority is the development of science	№3(14), 2014	Bissenov K.A.
2	The newspaper "Modern Education"	"Green" economy - on the land of Syr	№1, January 2015	Bissenov K.A.
3	Newspaper "Kyzylorda news"	University looking to the future	№ 117-118, August 6, 2016	Bissenov K.A.
4	Khabar	Scientists offer new technologies for	https://khabar.kz/ru/news/obshchestvo/item/85852-	Uderbaev S.S.

		recycling wastes	uchjonye-predlagayut-novye-tehnologii-pererabotki-otkhodov	
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The planning of income for the future university is carried out taking into account the mission and strategy of the university. The strategic plan for the development of financing for the period from 2017 to 2021 is aimed at expanding the sources of funding and services provided.

On the website of the university published adequate and objective information about the faculty of the accredited EP, in the context of personalities (<http://www.korkyt.kz/index.php/ru/component/k2/item/395>).

The university and the accredited educational institutions of the department "ACP" undergo an external assessment of the activity:

University rating among universities of Kazakhstan (NAAR, IQAA);

According to the results of the National rating conducted by the NARCO, the accredited EP took the following places: 5B072900 - Construction (2016 - 2nd place); 6M072900 - Construction (2016 - 1st place); 5B073000 - Production of building materials, products and structures (2017 - 3rd place); 6M073000 - Production of building materials, products and structures 2017 – 2nd place);

According to the results of the rating of the IAAR, the accredited EP took the following places:

5B073000 - Production of building materials, products and structures (2014 – 1st place); 6M073000 - Production of building materials, products and structures (2014 - 3rd place); 6D073000 - Production of building materials, products and structures (2017 – 1st place); 5B072900 - Construction (2015 - 3rd place); 6M072900 - Construction (2015 - 3rd place).

external evaluation of educational activities (according to the results of testing graduate students).

Analytical part

The university has published audited financial statements for 2016, 2017. on the website of the Register of state enterprises and institutions, legal entities with the participation of the state in the authorized capital. *However, the link to this site has not been published on its own web resource., Including in the context of the EP.*

Applicants entering the university get acquainted with the conditions of teaching students, the rules of conduct on the official website <http://www.korkyt.kz/> in the training section there is a "Guide for the student. *However, when talking with students, it was revealed that the 1st year students were not familiar with this information.*

Strengths / best practice according to EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

- The participation of the university and the implemented EP in a variety of external assessment procedures.

Recommendations EEC on OP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. Strengthen the activities of the structural units responsible for educational work at the university, in particular, to ensure special attention to foreign and newly admitted students.
2. Annually publish audited financial statements on the website of the university.

Conclusions of the EEC on the "Public Information" standard: accredited educational programs accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PSMIK have 1 - strong, 11 - satisfactory, 1 - suggesting improvement of positions.

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

NATURAL SCIENCES, TECHNICAL SCIENCES, AND TECHNOLOGIES

The evidence part

The development of educational programs 5B072900 / 6M072900 "Construction", 5B073000 / 6M073000 / 6D073000 "PBMPs" is aimed at graduates getting the necessary theoretical and practical training, which is confirmed by the quantitative and qualitative growth of the main indicators in the context of the last 5 years.

In order to familiarize students with the professional environment and topical issues of specialization, the subjects being accredited to the EP include disciplines and various activities are envisaged. For example, for the EP specialties 5B072900-Construction and 5B073000 - PBMPs introduced the discipline "Introduction to the specialty." Students of the 1st course of specialties 5B072900-Construction and 5B073000 - PBMPs within the framework of educational practice make excursions to the enterprises of the construction industry of the city of Kyzylorda.

Table 30 - Conducting seminars, excursions for students accredited by SP by specialists of industrial enterprises (in KSU named after Korkyt Ata, at the enterprise)

EP	Name, Position, Organization	Topics of the seminar, tour
5B072900 Construction	E.Ensebayedirector of "TekhnoStroyProekt"	Tour of the project team
		Seminar: Composition of design and estimate documentation
		Seminar: Drawing up estimate documentation
5B073000 PBMPs	Kalekeev N.A. "NurStroy LTD"	Excursion to the plant concrete products during the training practice
		Workshop: Concrete Fillers
		Seminar: Selection of the composition of heavy concrete
6M072900 Construction	Zhaksakalov A.A. Director of LLP "Daneker"	Excursion on the construction object "60 apartment house"
		Workshop: Earth Works
		Seminar: Production of stone work
6M073000 PBMPs	Danियarov M.T. Maxima Logistics	Excursion to the ceramic brick factory
		Seminar: Raw materials used in production
		Seminar: Design and operation of a brick kiln
6D073000 PBMPs	S. Makhanov president of JSC "Kurylys"	Excursion in the concrete-mixing shop
		Seminar: Raw materials for concrete mix production
		Seminar: Production technology of hollow-core floor slab

The department has the opportunity to conduct separate classes at enterprises of specialization on the basis of contracts drawn up between the company and KSU named after KorkytAt. For example, in the 2017-2018 school year, separate classes on the subject "Technology of Concrete" were held in the construction laboratory of "NurStroy LTD" LLP.

The department has full-time teachers who have a long experience of working as full-time employees in enterprises. Among them are Baytasov K., Kultanov B.K., Seitov T.I., Karshyga G.O., senior teacher G.A.Zhakapbaeva.

At the department in the 2016-2017 academic year, the scientific circle "ZhasKrylysshy" worked, from 2017-2018 the scientific circle "Zhassauletshi" has been working.

The students of the accredited EP are provided with the AMCD, methodical instructions, textbooks and electronic textbooks, as well as a place where they can carry out research work independently or under the guidance of a teacher, a tutor from the field.

Analytical part

Teaching in educational programs is based on the achievements of science and practice in the field of specialization, as well as using modern educational technologies. Based on the results of the analysis, the EEC members came to the following conclusion:

Information on the types of practices and related aspects is presented and confirmed by facts, and the main skills and abilities acquired as a result of training are indicated. Considered EPs for undergraduate studies include various types of practice: educational, industrial and undergraduate, for the magistracy: pedagogical, research, industrial.

At the same time, the commission notes the absence of part-timers as part of the teaching staff of the department with operating productions in the field of specialization of the accredited EP. To enhance the role of practice-oriented EP, an increase in the share of practical exercises in enterprises of specialization, an increase in the number of workshops on solving practical problems relevant to enterprises in the field of specialization have been recommended.

The recommendations of the EEC on the OP 5B072900 "Construction", 5B073000 "Production of building materials, products and structures":

1 Strengthen the practice-oriented accreditation of educational programs 5B072900 Construction and 5B073000 PBMPs taking into account the requirements of the labor market and professional associations of employers, including by increasing the time allotted to work experience on the basis of enterprises with the receipt of related professions.

Conclusions of the EEC according to the standard "Standards by specialty": accredited educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPs have 5 - satisfactory positions.

(VII) REVIEW OF STRENGTHS / BEST PRACTICES FOR EACH STANDARD

Standard "Management of the educational program"

- Transparency of the educational program management system.
- Participation of representatives of interested parties (employers, teaching staff, students) in the collegial bodies of management of the educational program, as well as their representativeness in making decisions on the management of the educational program.
- Openness and accessibility for students, faculty, employers and other stakeholders.

Information Management and Reporting Standard

- Involvement of students, employees and teaching staff in the process of collecting and analyzing information, as well as making decisions based on them.
- 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 performance, student achievement and deduction;
 - satisfaction of students with the implementation of the EP and the quality of education at the university;

Standard "Development and approval of educational programs"

- Definition and documentation of procedures for the development of EP and their approval at the institutional level.
- Ensuring the content of academic disciplines and learning outcomes levels of education (bachelor, master, doctoral).

Standard "Continuous monitoring and periodic evaluation of educational programs"

According to this standard strengths are not identified.

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

According to this standard strengths are not identified.

Standard "Students"

According to this standard strengths are not identified.

Standard "Faculty"

According to this standard strengths are not identified.

Standard "Educational resources and student support systems"

According to this standard strengths are not identified.

Standard "Public Information"

- The participation of the university and the implemented EP in a variety of external assessment procedures.

Standards in the context of individual specialties

According to this standard strengths are not identified.

(VIII) REVIEW OF THE RECOMMENDATION ON IMPROVING QUALITY BY EACH STANDARD

Standard "Management of the educational program"

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 Update individuality and uniqueness of development plans for accredited EP 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PSMIK in accordance with the programs "Strategy Kazakhstan-2050", Strategy "Kazakhstan-2050", "30 most developed countries", "Plan of the nation - 100 concrete steps ", " Third modernization of Kazakhstan ", " Industrialization program ", " Digital Kazakhstan " and other programs of republican and regional significance.

2. The management of the EP should ensure the development of AMCD in accordance with the Regulation on the preparation and approval of an educational complex of disciplines, to the supervising body to ensure proper control over the provision of teaching materials for teaching materials and their internal content in the departments of the university in accordance with the regulations.

3 University management needs to develop a Regulation on risk management at Korkyt Ata KSU.

Information Management and Reporting Standard

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. After supervising the faculty, staff and students jointly analyze the questionnaire, in particular, according to the criteria of detected deficiencies, with the development of a plan of corrective actions and monitoring of its implementation.

2. The management of the university, in addition to the section in the employment contracts of university staff have to develop a document confirming consent to the processing of personal data of university staff.

Standard "Development and approval of educational programs"

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 Consider the possibility of organizing obtaining professional certification for students of EP 5B072900 "Construction", 5B073000 "PBMPs".

2 Consider the possibility of developing joint educational programs 5B072900 / 6M072900 - Construction, 5B073000 / 6M073000 / 6D073000 PBMPs with universities of near and far abroad.

Standard "Continuous monitoring and periodic evaluation of educational programs"

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000

"Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 The university management is recommended to revise the system of competence assessment of students of technical specialties, namely to include in the assessment procedure of students' final competencies the protection of theses, in particular for EP 5B072900 "Construction", 5B073000 "PBMPS".

2 Continue work on the annual update of educational programs 5B072900 / 6M073000 "Construction", 5B073000 / 6M073000 / 6D073000 "PBMPS" with the publication of all the changes done on the website of the university.

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

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 EP management should increase the percentage of students in EP 5B072900 / 6M073000 "Construction", 5B073000 / 6M073000 / 6D073000 "PBMPS" involved in research and creative work with participation in grant funding from the MES RK, the World Bank, social projects, competitions of the First President Foundation of RK programs Erasmus +, Tempus, as well as various creative contests.

Standard "Students"

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 The management of the university should strengthen the work on the organization of conditions for the additional study of foreign languages by students and faculty of the university to participate in academic mobility programs, as well as assist them in obtaining external grants for training.

2 University management needs to update the activities of the Alumni Association.

Additional recommendations on the EP 5B / 6M072900 Construction and 5B / 6M073000 PBMPS:

3 EP management should expand the scope of cooperation with Kazakhstani educational organizations for the implementation of the program of internal academic mobility of teaching staff and students of EP 5B / 6M072900 Construction and 5B / 6M073000 Production of building materials, products and structures.

Standard "Faculty"

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 To continue work on attracting leading academic institutions of the Republic of Kazakhstan and the near abroad as part of academic mobility.

2 Strengthening the work on the implementation of the program of academic mobility of teaching staff, including through participation in the programs Erasmus +, Tempus, Bolashak, etc.

Standard "Educational resources and student support systems"

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1. The management of the EP should include a number of activities in the work plan of the department and faculty for 2019-2021 on the development and implementation of a plan for the publication of educational materials in English.

2. University management should consider the possibility of providing a Wi-fi network in building 5.

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.

Additional recommendations on the EP 5B072900 "Construction", 5B073000 "Production of building materials, products and structures":

4. The management of the accredited EP 5B072900 "Construction", 5B063000 "PBMPS" is to consider the possibility of introducing a system of dual training at the bases of professional practices.

Standard "Public Information"

Recommendations of EEC on EP 5B072900 "Construction", 6M072900 "Construction", 5B073000 "Production of building materials, products and structures", 6M073000 "Production of building materials, products and structures", 6D073000 "Production of building materials, products and structures":

1 To strengthen the activities of the structural units responsible for educational work in the university, in particular, to ensure special attention to foreign and newly admitted students.

2 Annually publish audited financial statements on the website of the university.

Standards in the context of individual specialties

The recommendations of the EEC on the EP 5B072900 "Construction", 5B073000 "Production of building materials, products and structures":

1 Strengthen the practice-oriented accreditation of educational programs 5B072900 Construction and 5B073000 PBMPS taking into account the requirements of the labor market and professional associations of employers, including by increasing the time allotted to work experience on the basis of enterprises with the receipt of related professions.

(IX) REVIEW OF THE RECOMMENDATION ON THE DEVELOPMENT OF EDUCATION ORGANIZATION

(List of recommendations of the EEC related to the development of EO. These recommendations do not apply to measures to improve the quality and compliance with the standards of the IAAR)

1 To update the activities of the joint participation of the university with employers in scientific research.

2 To discuss the issue with employers about the involvement of students in temporary paid work in the workplace during the vacation period.

3 To provide for the possibility of increasing credits for practical exercises.



(X) Attachment 1. Evaluation table "PARAMETERS OF A SPECIALIZED PROFILE"

№ п\п	№ п\п	Assessment criteria	Position of the organization of education			
			Strong	Satisfactory	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 EP.		+		
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 requirements 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 control.			+	
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			3	12	2	0
Information Management and Reporting Standard						
18	1.	The university should ensure the functioning of the system for collecting, analyzing and managing information via 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 subdivisions 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 the analysis of information and the 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 deduction;	+			
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 faculty must document their consent to the processing of personal data.			+	

34	17.	The administration of the EP should contribute to the provision of all necessary information in relevant fields of science.		+		
Total standard			4	12	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.	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 complexity 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	9	1	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 EP.		+		
		<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.	the 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			0	8	2	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 the consistency, transparency and objectivity of the mechanism for evaluating learning outcomes for each EP, including the appeal.		+		
64	8.	The university should ensure that the assessment of the results of the training of students of EP to the planned learning outcomes and program objectives. 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 from the EP study results and ensure their completeness.		+		
66	10.	Assessors should possess modern methods of assessing learning outcomes and regularly improve their skills in this area.		+		
Total standard			0	10	0	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 of graduates.			+	
78	12.	An important factor is the availability of a support mechanism for gifted students.		+		
Total standard			0	10	2	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 an awareness of responsibility for its employees and ensuring for them favorable working conditions.		+		
82	4.	The EP's 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 teaching staff to the implementation of the university's development strategy, and other strategic documents.		+		
84	6.	The university should provide opportunities for career growth and professional development of faculty staff EP.		+		
85	7.	The administration of EP should involve practitioners of relevant branches 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 the promotion of 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 learning, e-portfolio, MEP, etc.).		+		
89	11.	An important factor is the development of academic mobility within 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			0	11	1	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.	The administration of the EP should demonstrate the presence of procedures for supporting various groups of students, including information and counseling.		+		
		<i>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			0	10	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 about 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			1	11	1	
Standards in the context of individual specialties						
TECHNICAL SCIENCES AND TECHNOLOGIES						
		<i>Educational programs in the areas of "Technical Sciences and Technologies", such as "Construction", "Production of building materials, products and structures", 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 prolonged 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			0	5	0	0
TOTAL			10	98	10	0