



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the external expert Commission work on the assessment
of compliance with the requirements of the primary specialized
accreditation standards of the educational program

8D07201 - Food science

S. Seifullin Kazakh Agrotechnical University

from "06" to " 08 " October 2020

INDEPENDENT AGENCY OF ACCREDITATION AND RATING

External expert Commission

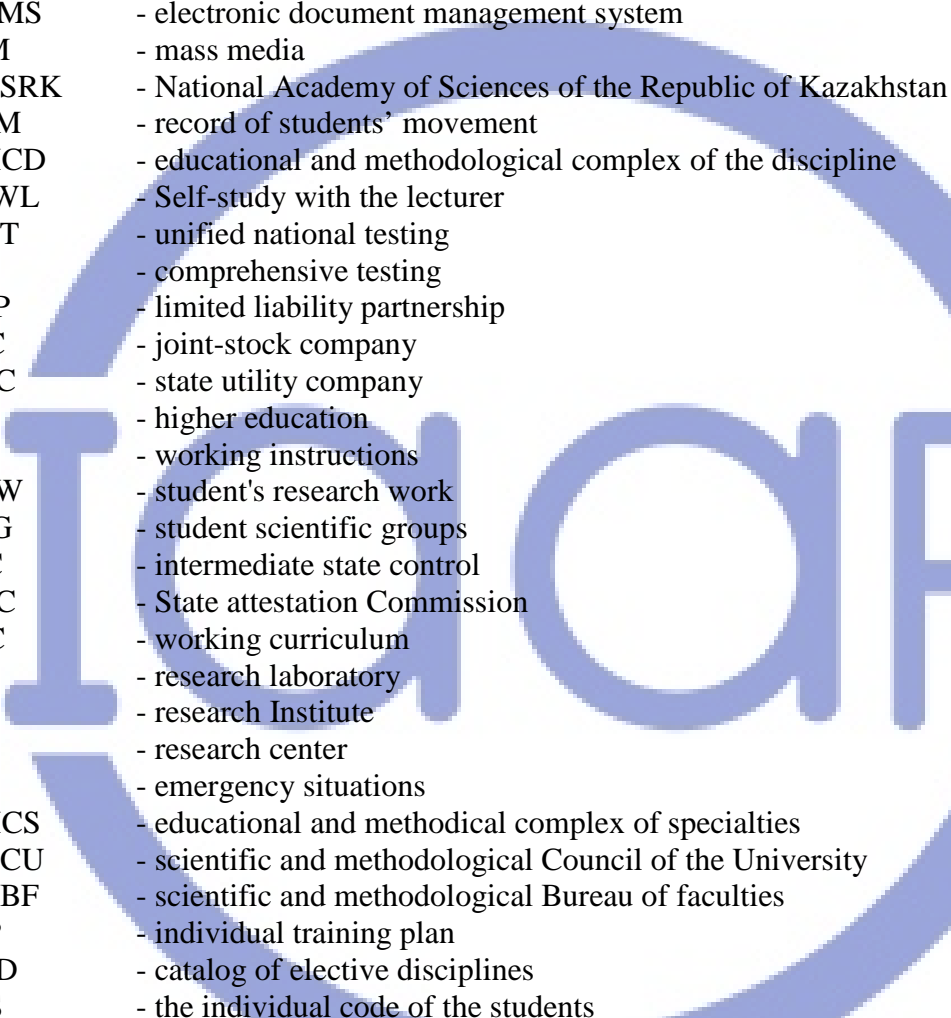
*Addressed to
To the IAAR
accreditation Council*



REPORT

**on the results of the external expert Commission work on the assessment
of compliance with the requirements of the primary specialized
accreditation standards of the educational program
8D07201 - Food science
S. Seifullin Kazakh Agrotechnical University
from "06" to "08 " October 2020**

(I) LIST OF ABBREVIATIONS



EP	- educational program
GES	- General education subjects
RO	- Registrar's office
SC	- standard curriculum
CSIT	- center for scientific and information technologies
RW	- research work
QMS	- quality management system
RSE	- Republican state enterprise
REM	- on the rights of economic management
AS	- Academic staff
EDMS	- electronic document management system
MM	- mass media
NASRK	- National Academy of Sciences of the Republic of Kazakhstan
RSM	- record of students' movement
EMCD	- educational and methodological complex of the discipline
SSWL	- Self-study with the lecturer
UNT	- unified national testing
CT	- comprehensive testing
LLP	- limited liability partnership
JSC	- joint-stock company
SUC	- state utility company
HE	- higher education
WI	- working instructions
SRW	- student's research work
SSG	- student scientific groups
ISC	- intermediate state control
SAC	- State attestation Commission
WC	- working curriculum
RL	- research laboratory
RI	- research Institute
RC	- research center
ES	- emergency situations
EMCS	- educational and methodical complex of specialties
SMCU	- scientific and methodological Council of the University
SMBF	- scientific and methodological Bureau of faculties
ITP	- individual training plan
CED	- catalog of elective disciplines
ICS	- the individual code of the students

(II) INTRODUCTION

In accordance with order No. 71-20-ED of 07.09.2020 from October 06 to October 08, 2020, an external expert Commission assessed the compliance of NJSC "S. Seifullin KATU" with the standards of primary specialized accreditation of the IAAR (dated February 24, 2017, No. 10-17-ED, fifth edition).

The report of the external expert Commission (EEC) contains an assessment of the compliance of the activities of S. Seifullin KATU within the framework of primary specialized accreditation with the IAAR criteria, recommendations of the EEC on further improvement of the parameters of the institutional profile.

Composition of the EEC:

Chairman of the Commission- Bratsikhin A.A., doctor of technical Sciences, Head of the Department "Food technologies and engineering" Of the Institute of living systems of the North Caucasus Federal University;

Foreign expert - S. K. Filipov Dr. sc. ing., Professor, Abo Akademi University, Finland;

Foreign expert - Levykh A. Yu. candidate of Biological Sciences, associate Professor of the P. P. Yershov Ishim State Pedagogical Institute;

National Expert – R.T. Omarov PhD, Head of the Biology and biotechnology Department in the L.Gumilyov Eurasian National University.;

National Expert - Nurgazezova A.N. candidate of technical Sciences, associate Professor of the Department "Technology of food and processing industries" of Shakarim Semipalatinsk State University;

National Expert - B. Akhmetov doctor of technical Sciences, Professor, Abai Kazakh national pedagogical University;

National Expert-S. Sagnaeva candidate of physical and mathematical Sciences, Professor of the Information systems Department in L. Gumilyov Eurasian national University;

National Expert-Mustafin M. A. doctor of technical Sciences, Professor, Almaty University of energy and communications;

National Expert- Asangaliyev Ye. A. candidate of agricultural Sciences, associate Professor of the Department "School of Earth and environmental Sciences" of the East Kazakhstan state technical University;

National Expert - Gabdulov M. A. candidate of agricultural Sciences, associate Professor of the Department "crop Production and agriculture" Zhangir Khan West Kazakhstan Agrarian and Technical University;

Employer – Janseva L. M.,the Division of human capital development of the chamber of entrepreneurs of Akmola region;

Employer-Zhantleuov D. A., candidate of agricultural Sciences, employee of the North Kazakhstan research Institute of animal husbandry and crop production;

Student-Mukash N. 2nd year master's student of the specialty "MCM" of the Kazakh-British University;

Student-A.Tolegenova 4th year student of the specialty "Biology" of L.Gumilyov Eurasian National University.;

Student-Tengebayev A. 1st year student of L.Gumilyov Eurasian National University.;

Observer from the Agency-G. Nazyrova, Ph. D. in Economics, project Manager of the Agency.

(III) PRESENTATION OF THE EDUCATIONAL ORGANIZATION

Since 2012, science has been the main priority in the development of KATU's activities. The strategic goal is a gradual transformation into a modern research University of international level in the field of agriculture.

The purpose of the educational program (EP) 8D07201 "Food Technology" is fundamental educational, methodological and research training and study of disciplines in the relevant areas of science for students.

EP "Technology of food products" developed in accordance with the National qualifications framework and professional standards agreed with Dublin descriptors and European frame of qualifications, 5 on the basis of the State obligatory standard of higher education, doctoral studies, approved by order of the Minister of education and science of Kazakhstan from October 31, 2018 (no. 604) and Model curriculum in the direction of training 8D072 - Production and manufacturing. The EP is designed on the basis of a modular system for studying disciplines and includes theoretical and practical training, pedagogical and research practice, the implementation of a doctoral dissertation, in General, a doctoral student has to master 180 ECTS. The training is conducted in three languages (Kazakh, Russian and English).

Training of students is carried out at EP 8D07201 "Technology of food products", direction 8D072 Manufacturing and processing (license № 0062189 from 12.03.2019)

Currently, the Department "Technology of food and processing productions" is -67,8% of them: 2 – doctors of technical Sciences, 1 PhD; 19 – candidates of technical Sciences; 5 – associate professors, 23 senior lecturers.

(IV) DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

The educational program 8D07201 - "Food Technology" is accredited for the first time.

(V) DESCRIPTION OF THE EEC VISIT

The work of the EEC was carried out on the basis of the on-line expert Commission visit Program for primary specialized accreditation of S. Seifullin Kazakh agrotechnical University in the period from 06 to 08 October 2020.

To coordinate the work of the EEC 05.10.2020 hosted a kick-off meeting, which were distributed the rights between the members of the Commission, the revised schedule of the visit, agreed in the choice of examination methods.

According to the visit program standards including the meeting with the Chairman of the Board, the Vice Chairman of the Board, heads of departments, deans, heads of departments of the University, academic staff and students as well as staff from different departments, interviewing and surveys of lecturers and students, representatives of the practice organizations. 125 people took part in the meetings (table 1).

Information about employees and students who took part in meetings with the EEC IAAR:

Chairman of the management Board	1
Deputy chairmen of the management Board	5
Heads of structural divisions	15
Deans of faculties	5
Heads of departments	8
Academic staff	53
Students, undergraduates, doctoral students	38
Total	125

EEC members attended training sessions:

- on EP 8D07201 - "Food Technology" - ZOOM lecture on the discipline "Nanotechnology in food and processing industries" of associate Professor of the "Technology of food and processing industries" Department, Ph. D., Ermekbayeva S. B., (1st year);

During the online tour, the members of the EEC got acquainted with the state of the material and technical base.

In order to confirm the information provided in the self-assessment Report, external experts requested and analyzed the working documentation of the University. Along with this, the experts studied the Internet positioning of the University through the official website of the University <https://kazatu.kz/ru/>

Access to all necessary information resources was organized for the work of the EEC. On the part of the staff of S. Seifullin KATU, the presence of all persons specified in the program of the visit was ensured, in compliance with the established time interval.

Within the framework of the planned program, recommendations for correction, developed by the EEK based on the results of the examination, were presented at a meeting with the administration on 08.10.2020.

(VI) COMPLIANCE WITH SPECIALIZED ACCREDITATION STANDARTS

6.1. Standard "Educational program Management»

The evidence part

EP tailored to national development priorities defined in the strategy "Kazakhstan – 2050": the maximum satisfaction of current and future needs of the national economy in accordance with NRK, ORK and agreed with Dublin descriptors and the European qualifications framework.

The Department has a Plan for the development of educational programs in the specialty 8D07201-Food Technology.

Period of educational program development Plan revision meets the requirements of QMS 11010.73 "Regulations on the procedure for developing the development plan of the educational program and monitoring its implementation".

The degree of satisfaction of employees, students, graduates, as well as employers with the level of services provided by the University, as well as the conditions created for work and training, is determined by conducting a questionnaire and a sociological survey conducted by the sociological laboratory. The provisions of QMS 11010.13 -2011 on the procedure for conducting sociological research in JSC "S. Seifullin KATU" and QMS 11010. 76 - 2013 regulations on the procedure for managing the feedback procedure in JSC "S. Seifullin KATU" have been developed

The effectiveness of the EP is evaluated by generally accepted criteria and indicators: average academic performance, results of the SCC, the share of employment of graduates, etc.

The EP management ensures transparency of the EP management system, brings all information and management decisions to the students.

For this purpose, the EP management uses all communication channels: Advisory consultations, information stands, the "Platonus" system, the University website, the educational portal of the University, the social network "Facebook " and the newspaper "My University".

The analytical part

The EEC confirms a clear distribution of functions between the University's departments for the development, approval and management of EP.

The content of the EP is regularly reviewed, updated in accordance with the requests of employers and modern scientific achievements.

The results of the changes are brought to the attention of Academic staff, students and other interested parties.

Strengths/best practices

- management processes, including planning and allocation of resources, are carried out in accordance with the University's development strategy;
- the QMS is successfully functioning in accordance with the basic principles of MS ISO 9001: 2015;
- the organizational structure of the University ensures transparency of the University management system, a clear definition of those responsible for business processes

Conclusions of the EEC according to the criteria: strong-7, satisfactory-7, suggests improvement-1.

6.2. Standard " Information Management and reporting»

The evidence part

EEK confirms that in order to automate the process of collecting, analyzing and managing information, S. Seifullin KATU has implemented and operates information collection, analysis and management systems based on the use of modern ICT and PS: information management within the official website of the University, academic information management within the framework of AIS "Platonus", integrated library information system. The main information resource potential of the University is the library. In modern conditions, the information capabilities of the library are significantly expanded due to participation in various associations of libraries. There is access to a number of educational Internet resources.

The functioning of the University's information resources is controlled by the Council for Informatization of S. Seifullin KATU.

To analyze information, quality engineering methods are used, which include methods of descriptive statistics: graphs, histograms, and charts. As one of the methods of analysis, the University uses rating analysis, the purpose of which is to stimulate the growth of qualifications, professionalism, productivity of pedagogical and scientific work, the development of creative initiative of academic staff. For example, every year the University conducts a rating assessment of academic staff, departments, and faculties.

The Commission notes that the analysis of information is carried out by methods of comparison of indicators, the evaluation criteria of which are set out in the regulations on internal and departmental regulatory documents. The results of the analysis are reflected in certificates, reports of structural divisions of the University and are provided to responsible persons for making decisions on improving the process. To assess the effectiveness of the University development, the EP uses QMS mechanisms, internal and external audits, which identify inconsistencies, to eliminate which corrective actions are developed with deadlines and performers.

Academic staff, students, and employers are involved in the processes of collecting and analyzing information through questionnaires, interviews, and making decisions based on them. The practice of personal meetings of the rector with participants of the educational process is applied: students, undergraduates, doctoral students, academic staff.

Through the information and educational portal "Platonus", communication with students is carried out through the publication of necessary information and announcements, which are duplicated on the site <http://kazatu.kz>.

The exchange of operational information between the structural divisions of the University is carried out through a local electronic document management system.

Conflict situations are resolved through the participation of the trade Union Committee of the University. In order to prevent conflict situations at the University approved and put into action the QMS documents 11010.02 - 2013 - "Regulation on the procedure of consideration of complaints of students and the University administration", QMS 11010.85 - 2014 - "Regulation on the procedure of consideration of complaints from employees of JSC "S. Seifullin Kazakh Agrotechnical

University " and QMS 11010.117 - 2015 - "The procedure for consideration of complaints from employees of JSC " S. Seifullin Kazakh Agrotechnical University ".

In General, the EEC notes that the University uses modern information systems, information and communication technologies and software tools for the purpose of adequate information management. Based on the analysis of the facts, the EP management evaluates the effectiveness and efficiency of the implementation of the EP, demonstrates informed decision-making and determines opportunities for improving its quality.

The analytical part

To manage educational, financial processes, the main information flows are formed. Databases collected within the framework of the University's activities allow you to create a variety of analytical reports based on the analysis and processing of the information received.

The use of rating analysis contributes to the implementation of an effective personnel policy, identification of individual abilities and professional skills, increasing responsibility for the assigned task at all levels, legal and social protection of Academic staff, heads of departments and deans. The results are used by University management when making decisions to renew contracts, personnel appointments, in determining the allowances to the salary of faculty, Department chairs, deans and their deputies.

Properties and characteristics of gathered and processed information is determined in accordance with the mission of the University and aimed at finding the most efficient and effective methods and ways to improve quality, provide educational and related services, and improving the social conditions of workers and students.

Thus, S. Seifullin KATU collects and analyzes information to improve the internal quality assurance system, which is carried out through the monitoring system of the University's activities and the quality of education.

Strengths/best practices

- functioning of the system of information collection, analysis and management based on the use of modern information and communication technologies and software;
- the presence of a mechanism for communication with students, employees and other stakeholders, including the presence of mechanisms for conflict resolution;
- ensuring the protection of information, identifying responsible persons for the accuracy and timeliness of information analysis and data provision.

The results of the EEC according to the criteria: strong-7; satisfactory-8, suggesting improvement-1.

6.3. Standard "Development and approval of educational programs»

The evidence part

The University provides education in accordance with state license №12020167 from December 14, 2012 and annexes thereto (the order of the CCSES of MES of RK from №1659 dated 14.12.2012) currently, the University has 44 departments. More than ten thousand students study at eight faculties in 37 bachelor's degrees, 31 master's degrees and 14 PhD degrees. Training has been launched within the framework of multilingual educational programs in 8 bachelor's specialties, 31 master's specialties and 9 doctoral specialties.

Recruitment and training of students on the accredited EP 8D07201 - "Food Technology" is carried out in accordance with the QMS document 11010. 86 – 2014 Regulations on doctoral studies of the PhD of JSC "S. Seifullin KATU".

EP is developed taking into account the national development priorities defined in the strategy "Kazakhstan-2050": maximum satisfaction of the current and future needs of the national economy in specialists in accordance with the NRC, ORC and agreed with the Dublin descriptors and the European qualifications framework.

The Department has a Plan for the development of educational programs in the specialty 8D07201-Food Technology. The EP development plan is developed, reviewed and approved in

accordance with the documented procedure "QMS 02.2034-2018 Regulations on the procedure for developing an educational program development plan and monitoring its implementation".

Development and approval of educational programs in accordance with the provisions of normative legal acts in the sphere of higher and postgraduate education, as well as documentation developed by the University to ensure transparency and clarity in the implementation of the QMS 02.2008 - 2017 Standard development strategy "Structure, content, procedure of development and approval of educational and methodical complex of specialty and educational-methodical complex of discipline in the credit system".

As developers of the EP, employers from among the heads of practice bases, representatives of enterprises where branches of departments are located are involved. The EP is evaluated by both external and internal experts.

All specialties are provided with standard and working curricula of specialties, disciplines' standard and working programs. The accessibility of the EP content provided with accommodation on the University website, SCs, guide book, schedule, availability in the library of educational materials, syllabi, ECC, the IEP issuance.

The maximum amount of the student's academic load, including all types of classroom and extracurricular academic work, meets the requirements of the state educational standard of the Republic of Kazakhstan for levels of education. The qualifications obtained at the end of the programs are clearly defined and correspond to the NSC level: for bachelor's degree – level 6, for master's degree-level 7, for doctoral studies-level 8. For these qualification levels, General and professional competencies are described using the European higher education qualifications framework.

In accordance with the QMS 02.2008-2017 standard of the organization "Structure, content, procedure of development and approval of educational and methodical complex of specialty and educational-methodical complex of discipline" in the credit system in addition to the standard curriculum the University developed directory disciplines, which is a systematic annotated list of all disciplines of the curriculum, including the component of choice.

Experts note that in accordance with the Dublin descriptors, S. Seifullin KATU has adopted a system for converting Kazakh credits into ECTS credits, taking into account the labor intensity of disciplines, modules, as well as the working load of academic staff and student employment during the academic period. The amount of credits allocated for the study of educational modules and academic disciplines is determined by their complexity and significance in professional training.

To improve the educational program, the University has agreements on mutual cooperation with other Kazakh and foreign universities. Agreements on joint educational programs are concluded, which allows organizing academic mobility of students. The requirements for educational organizations to conduct external academic mobility and practice bases are set out in the following documents:

- QMS 11010.98-2014 - "Regulations on the organization of external academic mobility of students in S. Seifullin Kazakh agrotechnical University";
- QMS 02.2020-2017 - "Procedure and organization of practical training of undergraduates/doctoral students".

The Department "Technology of food and processing industries" actively supports international relations with foreign universities. The University has signed more than 10 agreements on international cooperation in the preparation Of PhD students with the following universities in the near and far abroad:

- University of California at Davis (USA);
- Weinstephan higher school of agriculture (Germany);
- University of Kuala Lumpur, Putra (Malaysia);
- University of Bologna (Italy);
- Krakow agricultural University;
- Wroclaw University of natural Sciences (Poland) and others.

PhD student of the 3rd year Abilova M. B. in the period from 21.09.2020 – 08.10.2020 passed a scientific internship at the "Research Institute of food safety" of JSC Almaty technological University

3rd year doctoral student Toleugazykyzy A. in the period from 02.03.2019 to 02.05.2019 passed a foreign internship at the "Innovative center for microbiological biotechnology and biofuels" of Yerevan state University.

The analytical part

During the visit, experts analyzed modular educational programs, educational and methodological support for their implementation. The documentation is developed in accordance with intra-University guidelines and regulatory requirements of the Republic of Kazakhstan.

The analysis of the developed educational programs showed the presence of a description of the learning outcomes and key competencies acquired by students.

The University created the conditions for the practice: developed programs, the content of which is consistent with the goals and objectives of the training; signed long-term and short-term contract to conduct practices; conducted installation and final conference; in practice, leaders from the University and practice base ongoing consultation with the student, guide, help to carry out professional activities; upon completion, the students' reporting documentation is collected and analyzed, work is underway to summarize the results of the practice and, together with the approved composition, the Commission accepts students' credit for the results of the practice in accordance with the established procedure.

At the same time, it is necessary to show what proportion of proposals made by employers and students are taken into account when making a decision on improving the EP. No documents were provided confirming the real participation of stakeholders and students in the development of the EP and in making decisions about changes.

Strengths / Best Practice

- procedures for the development of EP and their approval at the institutional level are defined and documented;
 - compliance of the developed EP with the established goals, including the expected results;
 - annual revision of the content of curricula and training programs, taking into account changes in the labor market, the requirements of employers and the social demand of society
 - the content of academic disciplines and learning outcomes correspond to the level of education;
 - Availability of agreements on cooperation with foreign educational organizations.
- EEC recommendations
- Actively involve employers and students in the development of EP.
 - Provide in the EP structure various types of activities corresponding to the learning outcomes.
 - In the disciplines of EP, use lecturers materials (monographs, textbooks, study guides) of the department academic staff.

Conclusions of the EEC according to the criteria: strong - 5; satisfactory - 6; suggests improvement - 1.

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

Proof part

Analysis of the self-assessment report and familiarity with the university documentation showed that S. Seifullin KATU has created a system that carries out the processes of monitoring, analysis and improvement of EP in order to demonstrate the compliance of educational services with the requirements of the State Educational Standard of Education, stakeholders, QMS and continuous improvement of its effectiveness. The monitoring system is based on the document "Vision, Mission, Strategy of Saken Seifullin Kazakh Agro Technical University "KATU - 2025" and QMS 01.1022-2017 Regulations on the system of indicative planning and monitoring ", which

provide an objective analysis and assessment of the quality of educational programs offered by the university through external and internal audit.

To assess the effectiveness of the EP implementation, such criteria are used as the completeness of the EP structure's correspondence to the structure of the specialties State Educational Standard of Education in the formation of the student's competence; taking into account the opinions of employers and consumers of educational services. Internal control is carried out by the Department of Academic Affairs on an ongoing basis. The analysis and assessment of the degree of customer satisfaction is carried out by the rector, vice-rectors, heads of the EP in the course of their interaction with students (meetings, surveys, answering questions, receiving letters, etc., QMS 11010.13 -2016 Regulations on the procedure for conducting sociological research in JSC "S. Seifullin KATU", QMS 11010. 76 - 2013 Regulations on the procedure for managing the feedback procedure in JSC "S. Seifullin KATU").

The department systematically monitors the training of students in order to ensure the quality of education, within the framework of internal quality assurance. Monitoring includes tracking: attendance of training sessions; performance of educational tasks and independent work; delivery of training assignments for current, midterm and final control; implementation by the trainers of the student's individual plan. Monitoring results are communicated to management and stakeholders.

Assessment of educational achievements and the level of training of students at the university is carried out in accordance with the internal rules and procedures (QMS 02.2007-2018 Control of knowledge and final certification of students, QMS 02.2023-2017 Regulation on the activities of committees for work plans, programs and quality control of students' self-study). The registration of the entire history of the student's educational achievements, the organization of all types of knowledge control and the calculation of his academic rating is carried out by a special unit - the office of the registrar.

The normative documents governing the assessment procedures for students guarantee the objectivity and transparency of the assessment process, and the availability of information on the educational portal for students. The results of intermediate and final attestations are discussed at meetings of departments, councils of faculties, meetings of structural divisions, the administration and the Academic Council.

Analytical part

The analysis of the submitted documents showed that all activities carried out based on the monitoring results are reflected in the documentation in the form of Academic Council, administration decisions; decisions made in departments; measures based on the results of internal audits; measures based on the results of external audits; activities based on the analysis of the functioning of the QMS; corrective actions based on the results of identified and potential inconsistencies.

Thus, in S. Seifullin KATU, there is a continuous mechanism for monitoring and periodically assessing the quality of EP, which is dealt with by the university services: departments, dean's offices, educational and methodological work department. This process includes: survey of students, graduates, teachers, employing organizations; analysis of students' progress; information support of the educational process, resource and information support of the EP; analysis of the student assessment system; assessment of the level of competence of teaching staff; the degree of compliance of the EP with the established requirements.

Experts note that the revision of the EP is carried out once a year, in May-June, at a meeting of the department, discussion and revision of the working educational program for the next academic year is held. The meeting is attended by the academic staff of the department and employers. The purpose of the revision is to update the curriculum, taking into account the wishes of employers, changes in the SES, changes in the market, changes in this area.

The needs of students in the formation of educational programs can be satisfied when choosing elective courses. Additional adjustments occur during the organization of practices: the company issues a report on the needs for changes, notes the strengths and weaknesses of the training. Despite this, it is necessary to continue to work on monitoring of educational programs for compliance with

the regulatory requirements of the Ministry of Education and Science of the Republic of Kazakhstan.

Strengths / Best Practice

- annual audit of educational programs;
- the effectiveness of assessment procedures for students.

EEC recommendations

It is recommended to strengthen the involvement of employers and students in the procedures for revising the content of the EP.

EEC conclusions by criteria: strong - 2; satisfactory - 7.

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

Proof part

EEC experts note that student-centered learning is a priority direction of the educational process organization at the university where the lecturer and students are active subjects of the educational process. It allows you to create for each student unique conditions that contribute to effective advancement along the chosen educational trajectory and self-realization of each student, as well as the professional growth of the teacher. Student-centered learning is carried out using a variety of active and innovative teaching methods and technologies, taking into account the variety of forms of knowledge assimilation, which is reflected in the self-assessment report.

Internal regulatory documents that determine educational policy are the Charter, "Vision, mission, strategy of S.Seifullin Kazakh Agro Technical University "KATU - 2025", QMS 2.4.01 - 2015 Planning and evaluation of the university's activities, QMS 4.5.01 - 2014 Management of educational activities, QMS 02.2007-2018 Control of knowledge and conducting final certification of students, QMS 110. 09 - 2012 The procedure for organizing and conducting practical, laboratory and seminars, QMS 11010.32-2014 Regulations on the organization of the educational process in distance educational technologies at S. Seifullin KATU, QMS 10010.88 - 2014 Regulations on the research work of doctoral students.

Students are provided with information materials:

- a guidebook;
- academic calendar for the academic year;
- individual curricula;
- catalogs of elective disciplines;
- working curricula of disciplines (Syllabus).

A doctoral student on the basis of specialties TEP and CED form his individual curriculum (IEP) for the current year. Based on the data of individual plans, an annual working curriculum (WEP) of the specialty is formed.

Training is successfully combined with extracurricular work and industrial practice, for conducting classes a branch of the department is used in production. In order to strengthen the practice-oriented direction at the branches of the departments, practical classes are held.

Methodological bureaus have been created and operate at all faculties of the university, which coordinate the work of the teaching staff of the faculty on the methodological aspects of organizing the educational process through educational and methodological councils of departments.

For all disciplines, educational and methodological complexes have been formed in the state and Russian languages. All materials are available on the student portal <http://kazatu.kz>. Academic disciplines are equipped with educational and didactic materials with a modern level of content and performance - flipcharts, posters, slides, electronic lectures, presentations.

An automated learning management system "Platonus" for students, lecturer and university staff has been introduced into the educational process. As a result, the knowledge control system has become completely transparent, and all progress results are available for viewing online. There is a point-rating system for assessing knowledge with the presentation of all control results in an electronic journal of visits and progress in a computer program.

Assessment of students' satisfaction with the quality of educational services is carried out through the collection and analysis of objective sociological information. The Office of the Registrar and Academic Mentors (Advisors) has introduced regular collection and monitoring of data on current monitoring of progress and includes a number of stages that are detailed in the self-assessment report and explained by the EEC during interviews.

Analytical part

The EEC confirms that the academic policy of the university is aimed at stimulating the motivation of students, the formation of expected learning outcomes and personal qualities of students. The university creates favorable conditions for learning, provides maximum assistance to the personal development and self-realization of each student, as well as the professional growth of the teacher.

EEC states that in order to identify the needs of various categories of students, data from a regularly conducted analysis of progress in terms of courses, faculties, specialties and students are used; information on the nature of students' appeals to dean's offices and other structural divisions is used.

EEC notes that the use of active and innovative teaching methods by the teaching staff in the educational process leads to an increase in the quality of conducting classes, the interest of students and to their active involvement in the learning process. At the same time, research is not actively carried out in the field of teaching methods of academic disciplines, although the development and implementation of our own innovative teaching methods in educational practice would undoubtedly improve the organization of the educational process. In addition, there is a shortage of specialized computer programs for conducting virtual laboratory-practical classes in distance and blended learning.

Thus, freedom of choice, ensuring equal opportunities for students is achieved by the completeness of educational, methodological, organizational, methodological and informational support of the educational process in the languages of instruction: state, Russian, English. Information material for students on the university website is also presented in the appropriate languages.

Strengths / Best Practice

- ensuring equal opportunities, respect and attention to different groups of students, their needs, providing them with flexible learning paths;
- ensuring consistency, transparency and objectivity of the mechanism for assessing learning outcomes, including appeal;
- assistance in the formation of an active role of the student in the educational process.

EEC recommendations

- Carry out on a systematic basis research in the field of teaching methods of academic disciplines and draw up an action plan for the introduction of new developments in educational practice in teaching methods.
- Introduce virtual labs into the learning process to enhance teaching and learning opportunities.

Conclusions of the EEC according to the criteria: strong - 5; satisfactory - 5.

6.6. Standard "Students"

Proof part

The procedure for the formation of the contingent of students is carried out in accordance with the Standard rules for admission to training in educational organizations that implement educational programs of higher education, approved by the Decree of the Government of the Republic of Kazakhstan dated January 19, 2012 No. 111.

The formation of the contingent of doctoral students is carried out by placing a state educational order for the training of scientific and pedagogical personnel, as well as paying for training at the expense of citizens' own funds and other sources. Admission of learners to doctoral studies is carried out on a competitive requirements based on the results of entrance examinations.

The contingent of students in doctoral studies

Years		
2018	2019	2020
8	5	8

The EP management pays great attention to providing conditions for doctoral students. This is evidenced by the availability of services: a canteen, a medical center, a sports hall, computer rooms, libraries, laboratories and research centers. Also, in order to improve the quality of education at the department, there are 4 experimental production workshops for the processing of meat, milk, oilseeds and public catering, which allow online monitoring of technological processes in the workshops where training is taking place.

EEC confirms that all academic information is available on the Platonus University portal with the ability to enter users both for internal networks and via the Internet.

At the university, when planning, organizing and implementing academic mobility of students, the provisions of the following internal documents are applied: QMS 11010.98 Regulations on the organization of external academic mobility of students at S. Seifullin Kazakh Agro Technical University; QMS 11010.100 Regulations on the organization of internal academic mobility of students at S. Seifullin Kazakh Agro Technical University.

Studying at foreign partner universities within the framework of external academic mobility is carried out on the basis of: international agreements (international programs, memorandums and agreements on cooperation, exchange and scholarship programs); agreements between S. Seifullin KATU and partner universities.

To ensure academic mobility within the EP "Food Technology", students are given the opportunity to study certain disciplines in other educational organizations of the Republic of Kazakhstan, which there is a bilateral agreement between universities with.

Mechanisms for providing opportunities for external and internal students EP mobility and assistance in obtaining external grants for training are given in the following internal documents of the university: QMS 11010.98 Regulation on the organization of external academic mobility of students at S. Seifullin Kazakh Agro Technical University; QMS 11010.100 Regulations on the organization of internal academic mobility of students at S. Seifullin Kazakh Agro Technical University.

In order to improve the educational process and intensify the approbation and implementation of the results of scientific activity in production, educational centers of the department were created at the following enterprises: JSC "Concern" Tsesna-Astyk ", JSC " Company BAYAN ", LLP "Agroprodukt ", LLP" MV-4 ", LLP "Gormolzavod", LLP "Milkprogect", JSC "Atameken-Agro", LLP "Khladokombinat".

Analytical part

Experts of the EEC IAAR note that S. Seifullin KATU has a transparent policy for the formation of a contingent of students, approved procedures that regulate the life cycle of students. The analysis of the contingent over the past five years indicates its positive dynamics.

Extracurricular activities and educational institutions of higher education are aimed at the formation of a socially adapted personality with an active civil position, a sense of patriotism and tolerance, with a deep national consciousness, possessing the qualities and properties of a future competitive specialist. Extracurricular and educational work is a complex system that includes sports, student government, amateur performances, student science. This system includes various structural divisions that provide a comprehensive coverage of student life, including life in dormitories.

EP 8D07201 "Technology of food products" - there are no employment indicators, since there was no learners' graduation.

Strengths / Best Practice

- the transparency of procedures for the formation of the contingent of students from admission to graduation is ensured. Determined, approved and published procedures regulating the life cycle of students from admission to completion;

- the university makes every effort to provide internship places and promote the employment of graduates.

- material support for doctoral students, provision of dormitories, service apartments.

- stable indicators of the contingent of students over the past three years.

EEC recommendations

- Increasing the activity of students' participation in external academic mobility programs.

In accordance with the Lisbon Recognition Convention, continue to work on the recognition of qualifications related to higher education in the European Region.

- Schedule a lecture by foreign scientists for doctoral students.

Conclusions of the EEC according to the criteria: strong - 7; satisfactory - 5, suggests improvements - 2.

6.7. Standard "Academic staff"

Proof part

Analysis of the documents showed that S. Seifullin KATU implements personnel policy in accordance with the main priorities of the Vision, mission and strategy of S. Seifullin KATU. The academic staff of the university carries out educational, methodological, research and scientific work, as well as control and management of the research work of students. The academic staff of the university includes 82 doctors of sciences; 345 candidates of sciences;

64 doctors PhD.

Personnel policy is regulated by the normative documents of the Ministry of Education and Science of the Republic of Kazakhstan and internal documents of the university, such as QMS 11010.51 - 2013 Regulations on the remuneration of employees of JSC " S. Seifullin KATU" and other payments, QMS 07.7004 - 2017 Regulations on mechanisms and criteria for systematic assessment of lecturers' competence, assessment of the quality of teaching (in two languages), QMS 02.2052 - 2017 Regulations on establishing allowances for academic staff, QMS 10010. 346-2012 Regulations on the procedure for advanced training of employees of JSC " S. Seifullin KATU" and others.

Regulatory documents governing the procedure for recruitment, promotion, functional duties, internal regulations are published on the university website and published in the form of collections. In addition, there is an opportunity to apply personally to the rector's blog on the university website. This indicates the availability of management, its interest in the development of feedback from the team.

Experts confirm that all the normative documents and job descriptions of the academic staff are available at the departments, the lecturers are familiar with them (the fact of familiarization is confirmed by a mark in the "Acquaintance Sheet"); they are available for teaching staff and are located in the folder for the exchange of information between structural units "Public". All university employees when applying for a job in accordance with "QMS 4.3.02 - 2012 Organization Standard. Occupational health and safety management at S. Seifullin KATU "undergo preliminary training, instruction and testing of knowledge on safety and labor protection.

The academic staff of the department "Technology of food and processing industries" fully meet the indicators of personnel policy. The academic staff is the main resource for ensuring the mission of the university and is formed in accordance with the QMS 11010.92 - 2015 Regulations on the procedure for the formation of the academic staff of departments in JSC "S. Seifullin KATU".

All documentation is available for academic staff and is located on the official website of Seifullin KATU in the Quality Management System section, as well as all lecturers sign in the QMS familiarization sheet.

The share of teachers of the department with academic degrees and academic titles of the number of full-time teachers is 66.6%, including doctors of science - 2, doctors of PhD - 2 candidates of science - 18.

EEC notes that the university constantly conducts various and numerous advanced training courses and seminars, including at the expense of the university according to QMS 10010. 346-2012 Regulations on the procedure for advanced training of employees of JSC "S. Seifullin KATU".

Information about the advanced training of the department academic staff
(number of certificates per academic year)

Level of advanced training	2018-2019	2019-2020
RK	10	14
Near Abroad	2	2
Far abroad	-	1

In order to improve the professional level, motivate employees and stimulate employees, there is a system of bonuses for academic staff and employees for personal contribution and results achieved in work. Checking the competence of the academic staff is carried out through the established methods and forms of a comprehensive assessment of the activities of the academic staff at the end of the academic year in accordance with the QMS 07.7004 - 2017 Regulation on the mechanisms and criteria for the systematic assessment of the competence of teachers, assessment of the quality of teaching (in two languages).

The academic staff of the department actively conducts scientific research, the results of which are formalized in the form of acts of implementation in the educational process and in production.

Currently, the teachers of the department are working in the framework of 4 research projects carried out under the grant funding of the Ministry of Education and Science of the Republic of Kazakhstan, proactively, on a contractual basis and within the framework of the international project Erasmus + ASIAXIS. The projects are carried out in cooperation with partner universities: Northumbria University (UK), The University of Castilla-La Mancha (Spain). Università Politecnica delle Marche (Italy), Beijing Institute of Technology (China), Harbin Engineering University (China), S. Toraighyrov Pavlodar State University (Kazakhstan), South Ural State University (Russia), Bauman Moscow State Technical University (Russia).

S. Seifullin KATU effectively uses measures of moral and material incentives for academic staff and employees for their professionalism and dedication. Thus, additional allowances have been established for active scientific work in accordance with QMS 11010.134 - 2016 Regulations on incentives for employees of JSC S. Seifullin Kazakh Agrotechnical University "for publications in the cited scientific publications, QMS 11010.50 - 2013 Regulations on awards in JSC " S. Seifullin Kazakh Agrotechnical University".

The academic staff of the department is provided with housing, so Baitukenova Sh.B., Bekbaev K.S., Nurtaeva A.B., Kundybaeva ND, Sataeva Zh.I. received apartments in the service building of S. Seifullin KATU.

The formation of the personnel reserve of the department is carried out in accordance with the QMS 11010.93 - 2014 Regulations on the personnel reserve of JSC " S. Seifullin KATU". In 2017, senior lecturer of the department Sataeva Zh.I. and assistant Dyusenbaev D.K. entered the PhD doctoral program in specialties 6D072700-Technology of food products and 6D072800-Technology of processing industries under the program of targeted training in ATU in Almaty. And also in 2018 the senior lecturer of the department Akhmetova V.Sh. and assistants Tulegazykyzy A., Muldasheva A.Kh., Iskineeva A.S. and Dikhanova M.B. entered the PhD doctoral program in the specialties 6D072700-Technology of food products and 6D072800-Technology of processing industries at S. Seifullin KATU.

The University promotes the development of the cultural environment by providing the population with access to its resources: museums, libraries, sports facilities.

Analytical part

Thus, the personnel policy of the university is a complex of works arising from the mission and strategy in order to form and effectively use motivated and highly productive personnel capable of adequately reacting to the impact of the external and internal environment. The order in force at the university ensures the transparency of the personnel policy.

The academic staff meets the qualification requirements for licensing educational activities. 100% of teachers have basic education in the area of training in all specialties. All teachers serving EP in major subjects have scientific and pedagogical work experience of more than 15 years.

On-line visits to the department, faculty, as well as the participation of interviewing teaching staff and students, determined the results of assessing the quality of education. At the same time, experts note that older lecturers have an insufficient level of knowledge of information and communication technologies.

Strengths / Best Practice

- objective and transparent personnel policy, ensuring professional growth and development of personnel;

- compliance of the staff potential of the teaching staff with the development strategy of the university and the specifics of the EP;

- the involvement of teaching staff in the life of society.

EEC recommendations

It is recommended to work out mechanisms for training and supporting lecturers of the older age group in terms of working with information and communication technologies.

EEC conclusions by criteria: strong - 3; satisfactory - 5, suggests improvements - 1.

6.8. Standard "Educational resources and student support systems"

Proof part

During the audit, EEC made sure that the material and technical base was sufficient to support the educational process and implement the mission, goals and objectives of the university. The university is taking measures aimed at improving resource provision. The learning environment is presented, including material and technical equipment, corresponding to the plans for the implementation of educational programs.

At S. Seifullin Kazakh Agro Technical University, academic support services for students have been created and are functioning: the office of the registrar (OR), the service of advisers.

The Registrar's Office provides academic support to doctoral students in the selection and development of an EP. The educational and methodological department of the OR organizes and monitors the process of providing doctoral students with educational and methodological literature, the organization and control of students' industrial practice; the knowledge assessment and attestation department calculates the ranking of doctoral students; advisers provide academic support: they advise doctoral students in the preparation of IEPs and in the choice of elective courses for mastering; represent the academic interests of doctoral students in the self-government bodies of faculties and the university; advise doctoral students in the choice of bases of industrial practices and employment.

The library of S. Seifullin KATU has access to electronic resources: the university's electronic library - 1569 editions, the Republican Interuniversity Electronic Library - 53,400 editions, the Russian Universal Scientific Electronic Library 2272, the Kazakhstan National Electronic Library - 360, Thomson Reuters - 407400 editions and others.

The volume of the book fund of educational, teaching-methodical and scientific literature grows and renews every year, it corresponds to the contingent of students. The general fund of the library as of January 1, 2018 is shown in the table.

Table - General fund of the library

Indicators	2016 г.	2017 г.	2018 г.
General fund, total copies,	1577076	1589952	1690349
incl. in Kazakh.	806308	812719	818264
Educational literature, total copies,	853120	864889	873366
incl. on kaz lang.,	718441	724733	725218
incl. in English	2296	2299	3131
Books on electronic media	95169	95200	185923
Scientific literature, total copies,	594215	595191	596300
incl. in Kazakh.	61230	61235	62540
Fiction, total copies,	34572	34672	34760
incl. in Kazakh.	3981	4081	4117

On the recommendation of leading professors and scientists at the University of California at Davis (UC Davis) to the university library in 2016-2017. In 2006, modern textbooks in English were purchased for undergraduates of specialties 6M072700 - "Technology of food products", studying under the State Program of Industrial and Innovative Development of the Republic of Kazakhstan.

On the website of the scientific library, 29 electronic resources are available for users of the university, of which 11 are licensed access, 19 are open access. Since 2017, access to new databases Scopus, ScienceDirect and "SciVal" has been organized, in 2018 access to the EBS database "University Library Online" has been organized.

At the same time, doctoral students and university teachers use the services of state libraries: the National Academic Library, the Library of the Presidential Center of Culture of the Republic of Kazakhstan.

The use of the information resources of the university is carried out in accordance with the standard "Management of information resources of the scientific library".

Counseling of students on the educational process is carried out by teachers in accordance with the work program of disciplines (syllabus). Individual work of a teacher with students is carried out with the help of scientific circles, scientific projects, etc. Depending on the question, the student can at any time write to the blog of the Rector of the University, the office of the registrar, Platonus, or contact the adviser. In the event of problems related to the educational process, the mechanism for helping students is carried out through the dean's office, the office of registrars, the possibility of retaking the current, midterm control.

Analytical part

Experts note that the university has a mechanism for assessing the development of material and technical resources and information support through scheduled reports at meetings, the university has a sufficient number of classrooms equipped with modern technical teaching aids, including educational and scientific laboratories. The material and technical base of the university meets the sanitary and technical requirements. However, there is a shortage of specialized software tools to expand teaching and learning opportunities in distance and blended formats.

Strengths / Best Practice

- the availability of teaching materials for students (syllables, textbooks and teaching materials);
- examination of research results, graduation works, dissertations for plagiarism;
EEC recommendations
- Focus on teaching aids for students with disabilities, including both classroom work and distance work support.
- It is necessary to strengthen the provision in the field of specialized software products, in particular, the development and implementation of laboratories in a virtual space for the purpose of using both for students in a distance format and for blended learning.

EEC conclusions by criteria: strong - 2, satisfactory - 5, suggest improvement - 1.

6.9. Public Information Standard

The university uses a variety of ways to disseminate information, including information networks. On the official website of the university there are links to the official pages of the university on Facebook, Vkontakte, Instagram.

The university, in addition to the university website, has the following sources and services for publishing and reporting information: a studio for recording video lectures; portal for employees and students (platonus.kz), Student Service Center (platonus.kz); registrar's office; advisory services on the basis of departments, dean's offices and other departments of the university in terms of their powers; online consultant; official pages on social networks; information stands on the territory of the university.

On the university's website, the Press Center posts relevant, fresh information about upcoming events, conferences and other events held by S. Seifullin Kazakh Agro Technical University.

Information about the educational program, the number of doctoral students enrolled in programs, teachers who carry out training, is constantly published on the website, university portal, information stands, booklets. The department has an information stand informing about the specifics of training, results and achievements of the EP. Articles about the life of students, materials of the results of scientific research of teachers of the department are published in the university newspaper "My University".

Objective and up-to-date information on teaching, learning, assessment procedures is given in the Academic Policy of the University, approved by the Academic Council of S. Seifullin KATU JSC, Minutes No. 21 dated June 30, 2017.

Information about passing scores and educational opportunities provided to students is given in the Academic Policy of the university, approved by the Academic Council of JSC S. Seifullin KATU, Minutes No. 21 dated June 30, 2017.

Information about the employment opportunities of EP graduates is posted on the website www.kazatu.kz in the section "Employment of graduates of S.Seifullin KATU". Also in this section there is information about the employment of graduates of KATU im. S.Seifullin for the reporting period, the schedules of the fair "Graduate", the needs of the regions in the specialists of S.Seifullin KATU, the needs of the regions in specialists according to the data of the NGO "Atameken".

Analytical part

EEC confirms the timely placement of information about the activities of the university, cooperation and interaction with university partners, but at the same time notes the presence of incomplete information about the teaching staff; as well as incomplete provision of information on the financial support of accredited EP.

Strengths / Best Practice

- the active position of the university in explaining the national development programs of the country and the system of higher and postgraduate education;
- active advertising and image work in the media.

EEC recommendations

Regularly publish audited financial statements in the context of OP on its own web resource.

Update the personal pages of the teaching staff of the university on the university website.

Conclusions of the EEC according to the criteria: strong - 5; satisfactory - 4, suggests improvements - 1.

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

Proof part

The development plan and objectives of the EP in the specialty "Food technology" was developed in accordance with the national development priorities defined in the strategy "Kazakhstan - 2050": maximum satisfaction of the current and future needs of the national economy

in specialists. The development plan and goals of the EP are developed in accordance with the educational policy of the Republic of Kazakhstan. The objectives of the EP meet the needs of the state, stakeholders and students in quality educational services. The circle of stakeholders includes all participants in the implementation of the EP, as well as employers - large companies and enterprises, whose profile corresponds to the areas of training.

From the analysis of the criteria for assessing the standard "Academic staff" for EP specialty 8D07201 - "Food technology", it was revealed that the teaching staff of the specialty is constantly working to improve the teaching and methodological support of the educational process in basic and major disciplines. Work is being carried out on the invitation of leading teachers from other universities and foreign teachers, the exchange of experience has made it possible to solve professional problems in the preparation of modern, competitive specialists, priority directions in research and scientific activities have been identified.

Analytical part

EEC confirms the timely placement of information about the accredited EP, goals, expected learning outcomes, cooperation and interaction with partners of the university, but at the same time notes the presence of incomplete information about the teaching staff; as well as the absence of financial statements in the context of EP on the web resource.

Strengths / Best Practice

- the active position of the university in explaining the national development programs of the country and the system of higher and postgraduate education;
- Compliance of objectives, learning outcomes with the level of training and industry needs.

Conclusions of the EEC by criteria: strong - 4; satisfactory - 1.



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

Standard "Management of the educational program"

- management processes, including planning and resource allocation, are carried out in accordance with the development strategy of the university;
- the QMS is functioning successfully in accordance with the fundamental principles of MS ISO 9001: 2015;
- the organizational structure of the university ensures the transparency of the university management system, a clear definition of those responsible for business processes

Standard "Information Management and Reporting"

- functioning of the system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software;
- the presence of a communication mechanism with students, employees and other stakeholders, including the availability of mechanisms for resolving conflicts;
- ensuring the protection of information, identifying persons responsible for the accuracy and timeliness of information analysis and data provision.

Standard "Development and approval of educational programs"

- procedures for the development of EP and their approval at the institutional level are defined and documented;
- compliance of the developed EP with the established goals, including the expected results;
- annual revision of the content of curricula and training programs, taking into account changes in the labor market, the requirements of employers and the social demand of society
- the content of academic disciplines and learning outcomes correspond to the level of education;
- Availability of agreements on cooperation with foreign educational organizations.

Standard "Continuous monitoring and periodic evaluation of educational programs"

- annual audit of educational programs;
- the effectiveness of assessment procedures for students.

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

- ensuring equal opportunities, respect and attention to different groups of students, their needs, providing them with flexible learning paths;
- ensuring consistency, transparency and objectivity of the mechanism for assessing learning outcomes, including appeal;
- assistance in the formation of an active role of the student in the educational process.

Standard "Students"

- the transparency of procedures for the formation of the contingent of students from admission to graduation is ensured. Determined, approved and published procedures regulating the life cycle of students from admission to completion;
- the university makes every effort to provide internship places and promote the employment of graduates.

Standard "Teaching staff"

- objective and transparent personnel policy, ensuring professional growth and development of personnel;
- compliance of the staff potential of the teaching staff with the development strategy of the university and the specifics of the EP;
- the involvement of teaching staff in the life of society.

Standard "Educational resources and student support systems"

- the availability of teaching materials for students (syllables, textbooks and teaching materials);

- examination of research results, graduation works, dissertations for plagiarism;
- functioning of WI-FI on the territory of the university.

Public Information Standard

- the active position of the university in explaining the national development programs of the country and the system of higher and postgraduate education;
- active advertising and image work in the media.

Standard "Standards in the context of individual specialties"

- the active position of the university in explaining the national development programs of the country and the system of higher and postgraduate education;
- Compliance of objectives, learning outcomes with the level of training and industry needs.



(VIII) OVERVIEW OF QUALITY IMPROVEMENT RECOMMENDATIONS

Standard “Management of the educational program”

Absent

Standard “Management of Information and reporting”

Absent

Standard “Development and approval of educational programs”

To involve employers and students in the development of EP actively

Provide in the EP structure various types of activities corresponding to the learning outcomes.

Standard “Continuous monitoring and periodic evaluation of educational programs”

It is recommended to strengthen the involvement of employers and students in the procedures for revising the content of the EP.

Standard “Student-centered learning, teaching and performance assessment”

Carry out research in the field of teaching methods of academic disciplines on a systematic basis and draw up an action plan for the implementation of new developments in teaching methods into educational practice.

Introduce virtual labs into learning to enhance teaching and learning opportunities.

Standard “Students”

Increasing the activity of students' participation in external academic mobility programs.

In accordance with the Lisbon Recognition Convention, continue to work on the recognition of qualifications related to higher education in the European Region.

- Schedule a lecture by foreign scientists for doctoral students.

Standard “Academic staff”

It is recommended to work out mechanisms for training and supporting teachers of the older age group in terms of working with information and communication technologies.

Standard “Educational resources and student support systems”

Focus on learning tools for students with disabilities, including both classroom work and remote work support.

It is necessary to strengthen the provision in the field of specialized software products, in particular, the development and implementation of laboratories in a virtual space for the purpose of using both for students in a distance format and for blended learning.

Standard “Public awareness”

Regularly publish audited financial statements in the context of EP on its own web resource.

Update the personal pages of the teaching staff of the university on the university website.

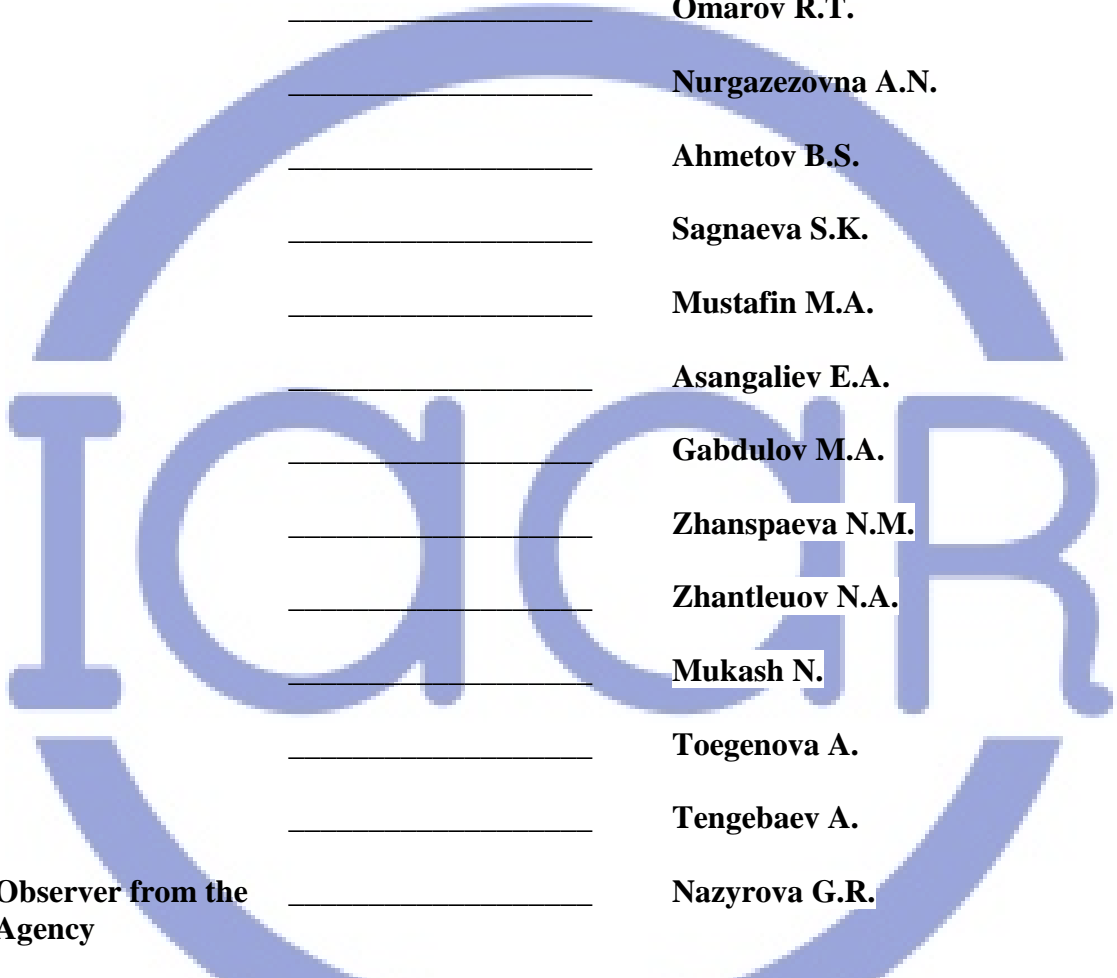
Standard “Standards in the context of different specialties”

Absent

RECOMMENDATION TO THE ACCREDITATION BOARD

The members of the external expert commission came to the unanimous opinion that OP 8D07201 "Food Technology" within the framework of institutional accreditation can be accredited for a period.

Chairman:	_____	Bratsikhin A.A.
Commission members	_____	Filipov S.K.
	_____	Levyh A.U.
	_____	Omarov R.T.
	_____	Nurgazezovna A.N.
	_____	Ahmetov B.S.
	_____	Sagnaeva S.K.
	_____	Mustafin M.A.
	_____	Asangaliev E.A.
	_____	Gabdulov M.A.
	_____	Zhanspaeva N.M.
	_____	Zhantleuov N.A.
	_____	Mukash N.
	_____	Toegenova A.
_____	Tengebaev A.	
Observer from the Agency	_____	Nazyrova G.R.



APPENDIX 1. Evaluation table “Parameters of a specialized profile.”

№ p\p	№ p\p	Criteria for evaluation	Position of educational organization			
			Strong	Satisfactory	Suggests improving	Unsatisfactory
Standard “Management of educational program”						
1	1.	The institution of higher and / or postgraduate education must have a published quality assurance policy. The quality assurance policy should reflect the link between research, teaching and learning.			+	
2	2.	The organization of higher and (or) postgraduate education must demonstrate the development of a culture of quality assurance, including in the context of EP.			+	
3	3.	Commitment to quality assurance should apply to any activity performed by contractors and partners (outsourcing), including the implementation of joint / double degree education and academic mobility.				+
4	4.	The EP management demonstrates its readiness to ensure transparency in the development of the EP development plan based on an analysis of its functioning, the actual positioning of the PA and the focus of its activities on meeting the needs of the state, employers, students and other stakeholders. The plan must contain the timing of the start of the implementation of the educational program.			+	
5	5.	The EP's management demonstrates the existence of mechanisms for the formation and regular revision of the EP development plan and monitoring its implementation, assessing the achievement of learning goals, meeting the needs of students, employers and society, making decisions aimed at continuous improvement of the EP.	+			
6	6.	EP management should involve representatives of interested groups, including employers, students and teaching staff, in the formation of the EP development plan.			+	
7	7.	The EP's management must demonstrate the individuality and uniqueness of the EP development plan, its consistency with national priorities and the development strategy of the organization of higher and (or) postgraduate education.			+	
8	8.	The organization of higher and (or) postgraduate education must demonstrate a clear definition of those responsible for business processes within the EP, an unambiguous distribution of staff duties, and the delineation of functions of collegial bodies.			+	
9	9.	EP management must provide evidence of the transparency of the educational program management system.	+			
10	10.	The EP management must demonstrate the existence of an internal EP quality assurance system, including its design, management	+			

		and monitoring, their improvement, decision making based on facts.				
11	11.	The EP's management must carry out risk management, including within the framework of the EP undergoing primary accreditation, as well as demonstrate a system of measures aimed at reducing the degree of risk.	+			
12	12.	The EP management must ensure the participation of representatives of employers, teaching staff, students and other interested parties in the collegial management bodies of the educational program, as well as their representativeness in making decisions on the management of the educational program.	+			
13	13.	The EO must demonstrate innovation management within the EP, including the analysis and implementation of innovative proposals.	+			
14	14.	EP management must demonstrate evidence of readiness for openness and accessibility for students, teaching staff, employers and other stakeholders.		+		
15	15.	The EP's management should be trained in educational management programs.	+			
Total by standard			7	7	1	
Standard "Management of information and Reporting"						
16	1.	The EO must demonstrate that it has a system for collecting, analyzing and managing information based on the use of modern information and communication technologies and software and that it uses a variety of methods to collect and analyze information in the context of the EP.	+			
17	2.	EP management must demonstrate the existence of a mechanism for the systematic use of processed, adequate information to improve the internal quality assurance system.		+		
18	3.	The EP's management must demonstrate fact-based decision making.		+		
19	4.	Within the EP, a system of regular reporting should be provided that reflects all levels of the structure, including an assessment of the effectiveness and efficiency of the activities of departments and departments, scientific research.		+		
20	5.	The EO should establish the frequency, forms and methods of assessing the EP management, the activities of collegial bodies and structural units, top management, and the implementation of scientific projects.		+		
21	6.	The EO must demonstrate the determination of the order and ensuring the protection of information, including the identification of persons responsible for the accuracy and timeliness of the analysis of information and the provision of data.		+		
22	7.	An important factor is the availability of mechanisms for involving students, employees and teaching staff in the processes of collecting and analyzing information, as well as making decisions based on them.		+		
23	8.	EP management must demonstrate the existence of a communication mechanism with students, employees and other stakeholders, as well as mechanisms for resolving conflicts.		+		
24	9.	The EO must demonstrate the existence of mechanisms for measuring the degree of satisfaction of the needs of teaching staff, personnel and students within the EP.	+			

25	10.	EO should provide for an assessment of the effectiveness and efficiency of activities, including in the context of EP.	+			
		Information intended for collection and analysis within the EP should take into account:				
26	11.	key performance indicators;			+	
27	12.	dynamics of the contingent of students in the context of forms and types;	+			
28	13.	academic performance, student achievement and expulsion;		+		
29	14.	satisfaction of students with the implementation of EP and the quality of education at the university;	+			
30	15.	availability of educational resources and support systems for students.	+			
31	16.	The EO must confirm the implementation of the procedures for processing personal data of students, employees and teaching staff on the basis of their documentary consent.	+			
		Total by standard	7	8	1	
		Standard “Development and approval of educational programs”				
32	1.	The EO should define and document procedures for the development of the EP and their approval at the institutional level.	+			
33	2.	EP management must ensure that the developed EP meets the established goals, including the expected learning outcomes.	+			
34	3.	The EP's management must ensure the availability of developed models of the EP graduate, describing the learning outcomes and personal qualities.		+		
35	4.	The EP management must demonstrate that external examinations of the EP content and the planned results of its implementation are carried out.		+		
36	5.	The qualification awarded upon completion of the EP must be clearly defined and correspond to a certain level of the NQF.		+		
37	6.	EP management must determine the influence of disciplines and professional practices on the formation of learning outcomes.		+		
38	7.	An important factor is the ability to prepare students for professional certification.		+		
39	8.	EP management must provide evidence of the participation of students, teaching staff and other stakeholders in the development of the EP, ensuring their quality.			+	
40	9.	The complexity of the EP should be clearly defined in Kazakhstani loans and ECTS.	+			
41	10.	The EP management must ensure that the content of academic disciplines and the planned results are consistent with the level of education (bachelor's, master's, doctoral studies).	+			
42	11.	The structure of the EP should provide for various types of activities to ensure that students achieve the planned learning outcomes.		+		
43	12.	An important factor is the correspondence between the content of the EP and the learning outcomes of the EP, implemented by organizations of higher and (or) postgraduate education in the EHEA.	+			
		Total by standard	5	6	1	
		Standard “Continuous monitoring and periodic evaluation of educational programs”				

44	1.	The EO should determine the mechanisms for monitoring and periodic evaluation of the EP in order to ensure the achievement of the goal and meet the needs of students and society. The results of these processes should be aimed at continuous improvement of the EP.	+			
		Monitoring and periodic evaluation of the EP should include:				
45	2.	the content of the programs in the light of the latest achievements of science in a specific discipline to ensure the relevance of the taught discipline;		+		
46	3.	changes in the needs of society and professional environment;		+		
47	4.	workload and performance of students;		+		
48	5.	the effectiveness of student assessment procedures;		+		
49	6.	expectations, needs and satisfaction of students with EP training;	+			
50	7.	educational environment and support services and their compliance with the objectives of the EP		+		
51	8.	EO, EP management must define a mechanism for informing all interested parties about any planned or taken actions in relation to the EP		+		
52	9.	All changes made to the EP must be published. The EP's management should develop a mechanism for revising the content and structure of the EP, taking into account changes in the labor market, employers' requirements and social demands of society		+		
Total by standard			2	7		
Standard “Student-centered learning, teaching and performance assessment”						
53	1.	EP management should ensure respect and attention to various groups of students and their needs, provide them with flexible learning paths.				
54	2.	EP management should provide for the use of various forms and methods of teaching and learning.		+		
55	3.	An important factor is the availability of own research in the field of teaching methods of academic disciplines EP.	+	+		
56	4.	EP management must demonstrate the existence of feedback mechanisms on the use of various teaching methods and assessment of learning outcomes.	+			
57	5.	The EP's management must demonstrate the existence of mechanisms to support the autonomy of students, while providing guidance and assistance from the teacher.	+			
58	6.	EP management must demonstrate the existence of a procedure for responding to student complaints.		+		
59	7.	The EO must ensure consistency, transparency and objectivity of the mechanism for assessing learning outcomes for each EP, including appeal.	+			
60	8.	The EO_ must ensure that the procedures for assessing the learning outcomes of EP students are in line with the planned results and program objectives. Criteria and methods of assessment within the EP should be published in advance.		+		
61	9.	The educational institutions must define mechanisms to ensure the achievement of learning outcomes by each EP graduate and ensure the completeness of their formation.		+		

62	10.	Evaluators should be familiar with modern methods of assessing learning outcomes and regularly improve their qualifications in this area.	+			
Total by standard			5	5		
Standard "Students"						
63	1.	The EO must demonstrate the existence of a policy for the formation of the 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.	+			
		EP management should determine the procedure for the formation of the contingent of students based on:				
64	2.	minimum requirements for applicants;	+			
65	3.	the maximum size of the group when conducting seminars, practical, laboratory and studio classes;	+			
66	4.	forecasting the number of government grants;	+			
67	5.	analysis of the available material and technical, information resources, human resources;	+			
68	6.	analysis of potential social conditions for students, incl. providing places in the hostel.	+			
69	7.	The EP's management must demonstrate its readiness to conduct special adaptation and support programs for newly admitted and foreign students.		+		
70	8.	The EO must demonstrate that its actions are in accordance with the Lisbon Recognition Convention.		+		
71	9.	CBOs should cooperate with other educational organizations and national centers of the "European Network of National Information Centers for Academic Recognition and Mobility / National Academic Recognition Information Centers" ENIC / NARIC in order to ensure comparable recognition of qualifications.		+		
72	10.	The EP's management must demonstrate the existence of a mechanism for recognizing the results of academic mobility of students, as well as the results of additional, formal and non-formal education.			+	
73	11.	EO should provide an opportunity for external and internal mobility of students of EP, as well as a willingness to assist them in obtaining external grants for training.			+	
74	12.	The EP's management must demonstrate its readiness to provide students with places of practice, to facilitate the employment of graduates, and to maintain communication with them.		+		
75	13.	The EO should provide for the possibility of providing EP graduates with documents confirming the acquired qualifications, including the achieved learning outcomes, as well as the context, content and status of the education received and evidence of its completion.		+		
76	14.	An important factor is the availability of mechanisms for monitoring the employment and professional activities of EP graduates.	+			
Total by standard			7	5	2	
Standard "Academic Teaching Staff"						

77	1.	EO should have an objective and transparent personnel policy, including in the context of EP, including recruitment, professional growth and development of personnel, ensuring the professional competence of the entire staff.	+			
78	2.	The EO must demonstrate the compliance of the staff potential of the teaching staff with the development strategy of the EO and the specifics of the EP.	+			
79	3.	EP management must demonstrate awareness of responsibility for their employees and providing them with favorable working conditions.	+			
80	4.	EP management must demonstrate the change in the role of the teacher in connection with the transition to student-centered learning.		+		
81	5.	EO must determine the contribution of the teaching staff of the EP to the implementation of the development strategy of PA, and other strategic documents.		+		
82	6.	EO should provide opportunities for career growth and professional development of the teaching staff of the EP.		+		
83	7.	The EP's management must demonstrate a willingness to involve practitioners of the relevant industries in teaching.		+		
84	8.	EO must demonstrate the motivation for the professional and personal development of EP lecturers, including encouragement for the integration of scientific activity and education, the use of innovative teaching methods.		+		
85	9.	An important factor is the readiness to develop academic mobility within the EP, to attract the best foreign and domestic lecturers.			+	
Total by standard			3	5	1	
Standard "Educational resources and student support systems"						
86	1.	EO should ensure a sufficient number of educational resources and support services for students, consistent with the objectives of the EP.		+		
87	2.	EO must demonstrate the sufficiency of material and technical resources and infrastructure, taking into account the needs of various groups of students in the context of EP (adults, working, foreign students, as well as students with disabilities).			+	
		The EP's management must demonstrate the existence of support procedures for various groups of students, including information and counseling. The EP management must demonstrate the compliance of information resources with the EP specifics, including:				
88	3.	technological support for students and teaching staff in accordance with educational programs (for example, online training, modeling, databases, data analysis programs);		+		
89	4.	library resources, including the fund of educational, methodological and scientific literature on general education, basic and major disciplines on paper and electronic media, periodicals, access to scientific databases;		+		
90	5.	examination of research results, graduation works, dissertations for plagiarism;		+		
91	6.	access to educational Internet resources	+			
92	7.	functioning of WI-FI on the territory of the educational organization.	+			

93	8.	The EO should strive to ensure that the educational equipment and software intended for use in the development of educational programs are similar to those used in the relevant industries.		+		
		Total by standard	2	5	1	
		Standard “People awareness”				
		The EO must publish reliable, objective, relevant information about the educational program and its specifics, which must include:				
94	1.	Expected learning outcomes of the implemented educational program;	+			
95	2.	qualifications and (or) qualifications that will be awarded upon completion of the educational program;	+			
96	3.	approaches to teaching, learning, as well as the system (procedures, methods and forms) of assessment;			+	
97	4	information about passing scores and learning opportunities provided to students;		+		

