



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТИҢ  
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО  
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR  
ACCREDITATION AND RATING

# REPORT

on the results of the work of the external expert committee for the assessment of compliance with the requirements of the standards of specialized accreditation of educational programs

SPECIALTY: 0902000 "POWER SUPPLY (BY BRANCHES)"

QUALIFICATION: 090203 3 ELECTRIC TECHNICIAN

SPECIALTY: 1118000 "EQUIPMENT ENTERPRISES POWER, TRADE AND MEAT  
INDUSTRY"

QUALIFICATION: 111802 3 MECHANICAL TECHNICIAN

SPECIALTY: 0907000 "HEAT ENGINEERING EQUIPMENT AND HEAT SUPPLY  
SYSTEMS (BY TYPES)"

QUALIFICATION: 090703 3 TECHNICAL HEATING ENGINEER

Private Institution "College KINEU"  
From October 31 to November 02, 2018

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

*Addressed to  
Council for accreditation  
of IAAR*



Независимое агентство  
аккредитации и рейтинга  
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## **(I) LIST OF SYMBOLS AND ABBREVIATIONS**

AC - alphabetical catalog  
JSC - joint stock company  
AS - administrative staff  
BD - basic discipline;  
BC - basic competencies  
ICC - intracollegiate control  
IRD - internal regulatory document  
EW - educational work  
HEI - higher education institution  
SCC - State Certification Committee  
SQC - State Qualification Committee;  
SOES RK - state obligatory education standard of the Republic of Kazakhstan  
SPDES - the state program of development of education and science of the Republic of Kazakhstan for 2016-2019, approved by the Decree of the President of the Republic of Kazakhstan dated March 1, 2016 No. 205  
SI - state institution;  
JD - job description  
DDOE - discipline determined by the organization of education  
DLT - distance learning technologies  
NMD - natural and mathematical disciplines  
RD - railway disciplines  
ID - information disciplines  
ICT - information and communication technology  
IE - individual entrepreneur;  
ETS - engineering and teaching staff  
IT - information technology  
ITC - Information Technology Center  
KABIS - Kazakh automated library and information system  
KVN - club of cheerful and resourceful  
KEEU - Kostanay Engineering and Economic University  
LD - linguistic disciplines  
IL - Interlibrary Loan  
MES RK - Ministry of Education and Science of the Republic of Kazakhstan  
MEP - modular educational programs  
MCI - monthly calculation index  
IS - international standard  
MTB - material and technical base  
MTD - Mechanical and Technological Department  
RW - research work  
SRW - student research work  
SMW - scientific and methodical work  
NLA - normative legal acts  
RPA - research and production activities  
SW - scientific work  
RLCY - Regional Library for Children and Youth  
EP - educational program  
RESL - Regional Educational Scientific Library  
ALPP - assessment of the level of professional preparedness;  
PC - professional competence  
TS - teaching staff  
SCC - subject-cycle commission  
RK - Republic of Kazakhstan  
WC - working curriculum

WDC - working discipline curriculum  
RBA - reference and bibliographic apparatus  
SHD - social and humanitarian disciplines  
MM - mass media  
QMS - quality management system  
CIS - Commonwealth of Independent States  
BNR - building norms and rules  
SSS - Student Scientific Society  
IWS - independent work of the student;  
ST RK - standard of the Republic of Kazakhstan  
TD - technical disciplines  
TVE - technical and vocational education  
TC - Technical Committee  
TD - technical department  
LLP - limited liability partnership  
MC - Model Curriculum  
TS - teaching staff  
EW - educational work  
ECD - educational complex of the discipline  
EMW - educational and methodical work  
EC - educational curriculum  
EIW - educational and industrial work  
EW - educational work  
EP - educational part  
PE and BMT - physical education and basic military training  
PI - private institution  
SYS - School of Young Specialist  
SE - School of Excellence  
EL - electronic library  
ED - economic disciplines

## **(II) INTRODUCTION**

In accordance with the order of the "Independent Agency for Accreditation and Rating"

Order No. 89-19-OD dated 10.29.2018, the specialized educational program accreditation program was held at Private Institution "College KEEU": 0902000 "Power supply (by industry)" qualification: 090203 3 electrical technician; 1118000 "Equipment of catering, trade and meat industry" qualification: 111802 3 mechanical technician; 0907000 "Heat engineering equipment and heat supply systems (by type)", qualification: 090703 3 heat engineering technician to the standards of specialized accreditation of the IAAR.

The EEC report contains an assessment of the compliance of the submitted educational programs of the educational organization with the criteria of the IAAR, recommendations of the EEC for the further improvement of educational programs and profile parameters of educational programs in Private Educational Institution "College KEEU".

### **The composition of the EEC in PI "College KEEU"**

1. **The chairman of the committee** is Ualikhanov Baikhan N., the trainer of "Kasipkor" Holding, Ph.D. (Kokshetau);
2. **Foreign expert** - Sosnin Vyacheslav V., director of the Center "Soyuz" (Omsk, Russian Federation);
3. **Expert** - Malikova Marzhan S., Deputy Director for Educational and Methodological Association of state municipal state enterprise "Almaty State Polytechnic College" (Almaty);
4. **Expert** – Koval Marina L., Deputy Director for Training and Production Work SMSE College of Economics, Technology and Food Production Standardization (Astana);
5. **Expert** - Senkin Pavel V., Deputy Director for Production Training Work, KSU "Engineering College" (Petropavlovsk);
6. **Expert** - Iskakov Sungat S., Head of the MO of energy disciplines and communications of the SMSE "Higher College of Shchuchinsk" (Akmola region);
7. **Expert** - Abdrakhmanova Kadisha T., Chairman of the Control Center, teacher of special disciplines SMSE "Aksu College named after Zhayau Musa "(Pavlodar region);
8. **Expert** - Iskakov Duman S., Head of the Subject Cycle Commission of the railway disciplines of the Karaganda Higher Polytechnic College (Karaganda);
9. **Observer for the Agency** - Bekenova Dinara K., project manager for accreditation of organizations of the technical and professional education IAAR (Astana);
10. **Employer** - Olkinyan Ludmila Y., Director of the Center for Training and Development of Personnel of Agromash Holding JSC and Saryarka AvtoProm LLP (Kostanay);
11. **Student** - Luchin Anatoly A., student of the 2nd year of the specialty 1402000 "Technical maintenance of road-building machines (by type)" of the "Kostanay College of Automobile Transport" (Kostanay).

### **(III) REPRESENTATION OF EDUCATION ORGANIZATION**

PI "College KEEU" is an educational institution of technical and vocational education, having the status of a legal entity, implementing professional educational programs.

By the decision of the general meeting of founders, Kostanay College of Business and Management was established (certificate of state registration of legal entity No. 1108-1937-U, dated August 29, 1996, re-registration No. 1108-1937-U, e July 08, 2004). The recruitment for 2 specialties "Management" and "Economics, Accounting and Auditing" was carried out. Number of first graduates - 50 students.

By the decision of the founders No. 5 of October 11, 2004, Kostanay College of Business and Management was renamed the institution "Kostanay Technical and Economic College". Students were trained in 7 specialties.

By the decision of the general meeting of the founders on September 10, 2007, the Technical and Economic College was attached to the KINEU named after Dulatov and functioned as a structural unit of the university. In 2011, the college successfully passed the state certification and verification of compliance with the qualification requirements and the legislation of the Republic of Kazakhstan in the field of education.

By the minutes of the general meeting of the founders of the private institution "Kostanay Engineering and Economic University named after M. Dulatov" from 08.08.2016, the reorganization of a private institution "Kostanay Engineering and Economic University named after M. Dulatov" was made by the allocation of a private institution "College KEEU".

PI "College KEEU" operates on the basis of the Charter of a private institution "College KEEU" dated 12.08.2016; certificate of state registration of a legal entity dated August 17, 2016 (160840015399 business identification number, legal entity name: Private institution "College KEEU", location of the legal entity: Republic of Kazakhstan, 110000, Kostanay region, Kostanay city, Chernyshevsky street, 59 ).

In accordance with the goals and objectives defined in the statute and the status of the college, the activity of the private institution "College KEEU" is carried out on the basis of the state license No. KZ06LAA00007659 dated 10.17.2016. This license was obtained in connection with the reorganization of the private institution Kostanay Engineering and Economic University named after M. Dulatov "; Minutes of the general meeting of founders dated 08.08.2016 by the allocation of a private institution "College KEEU".

College studies are conducted in full-time and part-time forms of education, in the state and Russian languages.

Table 1. Specialties

<b>№</b>	<b>Code</b>	<b>Name of specialty and qualifications</b>	<b>Duration</b>
1	0902000	"Power supply (by industry)"	
	090203 3	Electrical Technician	3 years 10 months 2 years 10 months
2	0907000	"Heat engineering equipment and heat supply systems (by type)"	
	090703 3	Heating technician	3 years 10 months
3	1118000	"Equipment for catering, trade, and meat industry"	
	111802 3	Mechanical Technician	3 years 10 months

A brief history of educational programs 0902000 "Power supply (by industry)" qualification: 090203 3 electrical technician; 1118000 "Equipment of catering, trade and meat industry" qualification: 111802 3 mechanical technician; 0907000 "Heat engineering equipment and heat supply systems (by type)", qualification: 090703 3 heating technician.

PI “College KEEU” was created with the aim of training specialists with technical vocational education and the implementation of continuing education under the scheme - “college-university”. This scheme is implemented in conjunction with Kostanay Engineering and Economic University named after M. Dulatov. College graduates enter the university for related specialties. If children from the same family attend full-time, college and university, they are given a discount on tuition fees of 10% for each student.

College students have the opportunity to learn the car industry and get special rights to drive a vehicle, take courses "IC-Accounting", English language courses "ARTECH English".

College teachers have been trained in on-site courses and in foreign centers: CIEP International Center for Educational Research, Sevres France, Training Center of Lucas-Nulle GmbH, Kerpen Germany, International Center for the Development of a Modular Training System, Moscow, Russia, Minsk, Belarus. One of the forms of advanced training is an internship at industrial enterprises.

From the 2017-2018 school year, the new recruitment group for the specialty 0907000 "Thermal equipment and heat supply systems (by type)", 1118000 "Equipment for catering, trade, and meat industry" participate in the experiment on dual training. Social partners took part in the experiment: State Enterprise "Kostanay Heat Power Company", Torgtekhnik LLP. Their wishes and training requirements were discussed with representatives of enterprises.

In PI "College KEEU" work highly qualified teachers.

College Director Kadyrov S.K. for high professional excellence and for achievements in the field of education of the Republic of Kazakhstan in 2014, he was awarded the medal “Honored Worker of Education”, has a letter of appreciation from the Ministry of Education and Science of the Republic of Kazakhstan, certificates of honor from akim of Kostanay region

Teacher of physical education Polikarpov S.N. awarded the badge "Qurmetti sport Kyzmetkeri." History teacher Kuzhakhmetova K.Sh. awarded “Y. Altynsarin”, certificate №00053, October 11, 2004 delegate of the 3rd Congress of Education Workers of the Republic of Kazakhstan. A teacher of social sciences and humanities Khussainova G.A. awarded the medal "For impeccable service in the Ministry of Internal Affairs." Polikarpov S.N. is a master of sports of international class, four-time world champion, three-time World Games champion, 12-time Asian athletics champion among sport veterans. Winner of four Asian records in the age group U-50, U-55 at distances of 1500, 5000, 10000 m.

In May 2016, Kaipbayeva Z.Sh. took 1st place at the regional stage of the Republican contest "Best Teacher". In the International Olympiad on history among teachers, the Russian Federation Kazan - Isakova A.M. took 3rd place. In 2015, according to the results of the Republican stage of WorldSkills, 2nd place was awarded to E. Tulegenov.

Table 2. College Awards

№	Awards
1.	The college was awarded a diploma according to the results of the rating evaluation of educational activities by the Education Department of Kostanay region for 2008 in the nomination "Creativity and Search";
2.	A letter of thanks for active participation in the Republican contest "The best online - model of teaching the technical profession in institutions of primary and secondary vocational education";
3.	"Grand Prix" of the Republican competition among colleges of Kazakhstan on free and open software, the author of the website "IT –news, news portal";

4.	Annual prizes in the Republican competition of scientific projects of the Small Academy of Sciences of the Republic of Kazakhstan (Pavlodar branch);
5.	Prizes of the International History Olympiad among teachers, the Russian Federation, Kazan; November 2014
6.	Prizes of the International Olympiad in Institutional Economics among teachers, the Russian Federation, Kazan; June 2014
7.	Prizes of the International Olympiad in Economics among students, the Russian Federation, Kazan; November 2014
8.	Laureates of the International Contest of Scientific Projects of Students "Magnet of Knowledge", Russian Federation, Cheboksary, 2012 and 2013.
9.	Winner of the II All-Russian creative project "Promotion of intellectual creativity in Russia" subproject "Says and shows ... Soul"; 2014
10.	Prizes of the I International Competition "My Innovation Lesson"; 2014;
11.	2 nd place of the IV Republican contest "Ulagatty Ustaz" The last state certification of an educational institution was held in 2016.

Every year the college holds a student scientific-practical conference "Zhas Galym". The number of participants and works is growing every year.

According to the results of the monitoring of scientific and methodological work of technical and vocational education organizations of Kostanay region for the 2015-2016 academic year, the college took the 6th place among 36 colleges.

College teachers successfully participate in professional skill contests, as well as in scientific and practical conferences of various levels.

For 3 years, the college has trained personnel for industrial energy, heat and power and food industry and industries of Kazakhstan, in particular, for the Northern region more than 180 people.

The priority issue in the quality management policy of vocational education is social partnership, which provides the institution with a solution to the issues of vocational training and employment. Long-term cooperation agreements have been concluded with organizations of the city, the region and beyond: Atikoagro LLP, SCP KTEK, Titan LLP, and others.

Personnel potential meets the qualification requirements for the implementation of educational programs.

Table 3. Quantitative and qualitative composition of ETS

Specialty	Academic year	Total TS	Including				
			Top category	First category	Second category	Masters	Candidates of Science
1118000 "Equipment for catering, trade, and meat industry"	2015-2016	34	12	9	4	4	2
	2016-2017	30	11	5	5	3	1
	2017-2018	27	6	9	6	2	1
0902000 "Power supply (by industry)"	2015-2016	27	9	9	4	1	1
	2016-2017	24	7	6	3	4	-
	2017-2018	20	4	7	4	2	1
0907000 "Heat engineering equipment and heat supply systems (by type)"	2015-2016	29	12	8	4	2	2
	2016-2017	29	8	8	4	3	1
	2017-2018	27	7	9	7	3	-

The average age of the teaching staff is 52 years.

According to the EP of the specialty 1118000 "Equipment of catering, trade, and meat industry", 16 teachers conduct teaching activities, 4 of them have the highest category and 6 people have the first category, of which 1 person has a master's degree, the qualitative composition is 62.5% .



The teaching of the specialty 0902000 “Power supply (by industry)” in EP is conducted by 8 teachers, of which 1 person has the highest category, the first category is 3 people. Teachers of special disciplines with the first and highest category constitute 50%, which meets the qualification requirements.

The number of teachers in EP 0907000 "Heat engineering equipment and heat supply systems (by type)" is 26 people, of which masters are 1 person, 10 people have the highest category, 5 people have the first category, 57.6% of the quality structure.

The work on contingent formation is conducted in the context of accredited specialties and qualifications: according to the basic level of education of the applicant (basic secondary education and general secondary education), full-time education, languages of instruction (Kazakh and Russian).

Table 4. The contingent in the context of specialties for 2015-2018.

Academic Year / Specialty	2015-2016	2016-2017	2017-2018	2018-2019
0902000 Power supply (by industry)	73/26	95/20	69/11	70
0907000 Heat engineering equipment and heat supply systems (by type)	76/3	95	92	45
1118000 Equipment for catering, trade, and meat industry	88/	94/	93	96

Employment of college graduates in cluster 2 is 53%.

The content of educational programs is based on active learning methods, such as problem-developing, research, stimulation in the organization and control of the learning process. Modern methods of organizing independent learning activities, individualization of training, brainstorming techniques, as well as the introduction of innovative and information technologies into the learning process: case technologies, collaboration technologies, gaming, design, problem-based learning technologies, critical thinking technology and others. At the same time, educational innovative technologies are used: technology of group activity, technology of collective creative business, etc.

In order to generate interest in the professions, vocational orientation, the college organizes events of various forms and contents.:

- competitions and Olympiads in subjects,
- Open days,
- visit the museum of the railway,
- WorldSkills Kazakhstan Regional Championship,
- round tables with social partners,
- intellectual events on the history of the region,
- literary reading contests,
- activities within the framework of the implementation of the subprogramme “Tarbie zhane bilim” of the program “Rukhani zhangyru”,
- college sports sections,
- vocational guidance work among pupils of schools in the region,
- sports competitions
- master classes.

Students and staff are involved in charity activities. In 2017, when one of the districts of the Kostanay region caught the flood, a headquarters for collecting clothes and food for the victims of the disaster was organized at the school.

Periodically, in college, together with the Regional Blood Center, they conduct blood sampling campaigns for those who wish. For example, during one of the last such actions in the spring of 2018, 40 people responded to the call to donate blood at the “College KEEU”.

Basic documents for the implementation of educational programs 0902000 "Power supply (by industry)"; 1,118,000 “Equipment of catering, trade and meat industry”; 0907000 "Thermal equipment and heat supply systems (by type)": a standard curriculum, model curricula for disciplines, experimental work plan, working curricula, teachers' future plans.

All these types of documents were submitted to the EEC. The training program is aimed at performing tasks in accordance with the mission and has sufficient resources to meet this goal: human resources, material and technical base (rooms equipped with equipment, computer classes, technical training tools, etc.), contracts with practice bases, a list of optional disciplines.

The pedagogical team consists of 74 teachers, including 7 masters, with the highest and first category - 42 people.

The building of PI "College KEEU" has an educational building with a design capacity of 5342.7 square meters, as well as a dormitory for 100 people, a dining room for 120 people, a student cafe Garage of 65 square meters.

All college buildings are equipped with fire extinguishing equipment: fire extinguishers, fire alarm and warning systems. The college has a centralized drinking water supply, there is a sewage system and drains. The heating system of the college is connected to the central heating system of the city.

In accordance with the license, the medical center of the college has the right to carry out the following types of medical activities: primary (pre-medical) health care.

The library and reading room are equipped in accordance with the requirements for equipping libraries. The reading room has Internet access for quick access to the necessary information. The library occupies the 4th floor of the new building, its total area is 431.2 m<sup>2</sup>.

There are 7 multimedia projectors and 3 interactive boards installed in classrooms. More than 22 printers and multifunction devices are functioning in the college.

The school has two departments: day (mechanical and technological department, technical department) and correspondence. Management offices carry out the heads. The engineering and teaching staff is divided into seven cyclical methodological commissions, whose activities are governed by the Rules for the organization and implementation of educational and methodical work.

In order to carry out activities aimed at preserving the psychological and social well-being of students, the college introduced a unit of educational psychologist.

The main social partners of the Private Enterprise "College KEEU" are: State Enterprise "Kostanay Heat Power Company", Torgtehnika LLP, Atikoagro LLP, Titan LLP, Teploset-Holding LLP, Mezhhregionenergotranzit LLP, SSGPO JSC, MBF Group LLP, Kostanay-Energetik LLP.

All conditions were created for the work of the EEC, access to all necessary information resources was organized.

As part of the planned program, the primary basic recommendations for improving the activities of the college, developed by the EEC based on the results of the examination, were presented at a meeting with the college management. College management at the closing meeting was explained on follow-up procedures.

The events planned during the visit allowed the members of the EEC of the IAAR to carry out an independent assessment of the conformity of the data presented in the self-assessment reports of the college with the criteria for specialized accreditation standards.

Cluster educational programs comply with licensing and qualification requirements. The norms prescribed by law and described in the college's self-report were confirmed during the visit to the EEC. The content of educational programs and educational technologies comply with the standards, adapted to the needs of the population and employers and periodically updated in accordance with changing conditions.

#### **(IV) DESCRIPTION OF PREVIOUS ACCREDITATION PROCEDURE**

The private institution "College KEEU" for the first time undergoes the procedure of specialized accreditation of educational programs in specialties 0902000 "Power supply (by branches)" qualification: 090203 3 electrical technician; 1118000 "Equipment of catering, trade and meat industry" qualification: 111802 3 mechanical technician; 0907000 "Heat engineering equipment and heat supply systems (by type)", qualification: 090703 3 heating technician

## **(V) DESCRIPTION OF THE EXTERNAL EXPERT COMMITTEE 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 in the private institution "College KEEU", from October 31 to November 2, 2018.

To obtain objective information about the quality of educational programs and the entire infrastructure of the college, to clarify the content of the self-assessment reports, meetings were held with the director, deputy directors for educational and industrial work; on scientific and methodical work; chief accountant, accountant economist; and the conversation was held with the head of the personnel department for the development and operation of infrastructure, the head of the library; educational psychologist; responsible secretary of the selection committee; nurse, lawyer.

In total, 179 people took part in the meetings.

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

The meetings of the EEC with the target groups were held in accordance with the updated program of the visit, in compliance with the established time period. On the part of the collective Private Institution "College KEEU" was ensured the presence of all persons specified in the program of the visit.

In order to obtain objective information about the quality of educational programs and the entire infrastructure of the college, to clarify the content of the self-assessment reports, meetings were held: with the director, deputy director on education, deputy director on educational and industrial work, director of scientific and methodical work, head of education, heads of department, head of human resources, chief accountant, head of library, nurse, chairmen of the subject cyclic commission, psychologist, executive secretary of the admissions office, teachers, apprentices, students, graduates, employers, social partners and parents of students. A total of 179 people took part in the meetings.

Table 5. Information about employees and students who participated in the meetings:

<i>Category of participants</i>	<i>amount</i>
Director	1
Deputy director	4
Head of the department	2
Chief accountant	1
Head of human resources	1
Head of Infrastructure Development and Operation	1
Accountant economist	1
chairmen of the subject cyclic commission	7
Instructors and Masters of Industrial Training	32
Employees	7
Students	67
Graduates	16
Employers, social partners	12
Parents of students	27
<b>Total</b>	<b>179</b>

In the course of the EEC, a visual inspection of the college infrastructure was conducted: classrooms, laboratories, computer classes, a library, a reading room, a medical center, a canteen.

Also, the documentation of cyclic commissions, departments that implement accredited educational programs has been studied. The bases of practices of accredited programs are visited (State Enterprise "Kostanay Heat Power Company", LLP "Titan", city network).

When visiting the above companies, the experts got acquainted with the material and

technical base.

1) "Kostanay Heat Power Company of Akimat of Kostanay" Central CHP. The organization is practiced by students in the specialty 0907000 "Heating equipment and heat supply systems (by type)". At the places of practical training at the time of the visit there were 4th year students. The head of the practice is Bekov Sergey R., a VET engineer. Students during the practice worked on the control panel of the boiler under the guidance of the boiler driver Pesch Andrei A. Chief Engineer of CHP Nagorny Konstantin N. noted good training of trainees.

2) Titan LLP. In the specialty 0907000 "Heat engineering equipment and heat supply systems (by type)", students of the 3rd year of group 3TOIST-4B. Deputy Director of Titan LLP Darbayev Alatau S. told about the cooperation with the college, introduced the trainee's workplace.

3) Kostanay city electric network. Chief Engineer Amanzhulov Didar N. explained the procedure for passing training and production practices in the specialty 0902000 "Power supply (by industry)". He told about the activities of the electrical network, and also recommended that workshops be held together with leading experts.

4) Bayan-Sulu JSC. A tour of the company was held by the technologist of the second biscuit shop Irina Tasnaruk, where a meeting was held with a graduate of 2016 in the specialty 1118000 "Equipment for catering, trade and meat industry" Maxim Tchaban. He works at the enterprise as a mechanic..

To assess the level of theoretical training of students, experts of the EEC visited training sessions.

Table 6. Attending lessons

Date	Group	Discipline	Full name of lecturer, category	Topic of lesson	Type of lesson
02.11.2018	3P-14Б	Thermal equipment	Yakovleva N.M., I category	Food Boilers	practical, the formation of students' knowledge of the main boilers, charting and consolidating skills.
02.11.2018	2ТОНСТ-5Б	ПМ-05 Repair of simple components and mechanisms of the main and auxiliary equipment of boiler rooms and dust preparation shops (Maintenance and repair of boiler equipment)	Solonskaya B.V., II category	Repair of air heaters, burners and rotating mechanisms	theoretical, study of methods and means of repair of rotating mechanisms, the ability to compare, summarize and analyze final and intermediate results
02.11.2018	3P-14Б	Electrical equipment and electrical safety	Shindavletov A.S.	Electrical control equipment and protection	theoretical explanation of the topic with the use of stands and the ability to analyze the device switches
02.11.2018	3Э-18Б	Power supply of industrial enterprises	Shindavletov A.S.	Calculation of power with the choice of type and location of the battery capacitors	practical
02.11.2018	3Э-18Б	Operation, repair and adjustment of electrical equipment of electrical networks	Klassen Y.V.	Adjustment of electrical substations.	theoretical

Analysis of attendance of classes indicates a good quality teaching staff, a sufficient theoretical level of training. In the classroom, teachers use modern learning technologies. Systematically improve their skills. The analysis of the activities of the college teaching staff demonstrates the team's desire to improve the quality development of the college.

## **(VI) CONFORMITY TO SPECIALIZED ACCREDITATION STANDARDS**

### **6.1. Standard "Educational Program Management"**

- *The VET organization demonstrates the development of an EP development plan, its focus on meeting the needs of the state, stakeholders and students.*
- *The VET organization should ensure the adequacy of the EP development plan to the resources available, the needs of the labor market and the educational policy of the Republic of Kazakhstan.*
- *The VET organization should involve representatives of groups of stakeholders, including students, the teaching staff and employers in the formation of the EP development plan.*
- *The VET organization demonstrates the transparency of the formation of the EP development plan. The VET organization ensures that stakeholders are aware of the content of the EP development plan and the processes of its formation.*
- *The VET organization should determine the mechanisms for forming and regularly reviewing the EP development plan and monitoring its implementation.*
- *The VET organization systematically collects, accumulates and analyzes information on the implementation of the EP and conducts self-examination in all directions, develops and revises the development plan of the EP*
- *The development plan of the EP is held a public discussion with representatives of all stakeholders, on the basis of proposals and amendments which the authorized collegial body of the VET organization makes changes to the project.*
- *The VET organization demonstrates the degree of implementation of the principles of sustainability, efficiency, effectiveness, priority, transparency, responsibility, delegation of authority, differentiation and independence of the financing system.*
- *EP management should include:*
  - managing activities through processes*
  - mechanisms of planning, development and continuous improvement*
  - monitoring, including the creation of reporting processes to determine the dynamics in the activities and implementation of plans*
  - analysis of the effectiveness of changes*
  - evaluation of the effectiveness and efficiency of the units and their interaction "*
- *The VET organization should document all major business processes governing the implementation of EPs.*
- *The VET organization must demonstrate a clear definition of those responsible for business processes, an unambiguous distribution of staff duties, a delineation of the functions of the collegial bodies involved in the implementation of the EP*
- *The VET organization should demonstrate the procedure for approving, periodically reviewing (revising) and monitoring educational programs and documents regulating this process*
- *The VET organization should ensure the availability and effective functioning of the information and feedback system aimed at students, employees and stakeholders*
- *The EP management must demonstrate the successful operation of the EP quality assurance system, including its design, management and monitoring, their improvement, fact-based decision making*
- *EP management must provide evidence of the transparency of the educational program management system*
- *The VET organization should demonstrate the presence and evidence of intensive use in the processes of managing the EP system for the collection and analysis of statistics*
- *The EP's management should provide a measure of the degree of satisfaction of the needs of the teaching staff, staff and students, and demonstrate evidence of eliminating the deficiencies found in the framework of the measurement process*
- *EP management must demonstrate evidence of openness and accessibility for students, teaching staff, parents*

### ***The evidence part***

Strategic educational activities of the college are reflected in the planning, reporting and regulatory documents of the college. In accredited specialties 1118000 "Equipment of catering, trade and meat industry", 0902000 "Power supply (by industry)", 0907000 "Heat engineering equipment and heat supply systems (by type)" carry out planning, implementation, monitoring and evaluation (monitoring), analysis with the purpose of improving the quality of its activities in the implementation of educational programs based on the developed and documented procedures. Monitoring includes tracking of all types of training and production activities, including excursions, laboratory work, practical exercises.

Long-term planning, forecasting, management and implementation of the main directions of EP is carried out through the development, approval and implementation of the Strategic College Development Plan, a prospective college plan. Short-term planning includes: plans for educational work, plans for working plan, working curricula, individual plans for teachers,

lesson plans.

Mastering general competences includes: general education, socio-ethical competences, economic, organizational and managerial competencies; readiness to fulfill social, economic, professional roles, geographical and social mobility in accordance with the level of education. Special competences are acquired by students in the course of studying special disciplines, defending course projects, training, professional and pre-diploma practices..

The contents of the accredited EP correspond to the State Compulsory Educational Standard and other regulatory legal acts of the Republic of Kazakhstan in the field of VET and guarantees an adequate quality of training for a specialist who meets the college's mission and the needs of employers.

Plans for the development of EP specialties are publicly discussed with representatives of all interested parties, taking into account the identified shortcomings, comments and suggestions are adjusted. The college management system is focused on adhering to the principles of collegiality and transparency. The highest governing body is the Pedagogical Council.

All procedures and processes of the college are aimed at maintaining and developing the achieved level of the quality of education.

The degree of satisfaction of the ETS, students is determined in the course of sociological monitoring. Monitoring is organized and carried out in accordance with the established requirements. College surveys and surveys are conducted among students, graduates, employers, and IRP in order to identify their views on the quality of professional activities of teachers, on the quality of management activities and other important issues of the educational process.

The results of the survey are presented in the form of individual ratings of teachers, students, etc., are brought to the attention of all stakeholders, are discussed at the meetings of the subject cyclic commission.

The survey of teachers, conducted during the visit of the EEC of the IAAR, showed that the involvement in the process of making managerial and strategic decisions is low ( $\approx 35\%$ ). The level of stimulation and involvement of young specialists in the educational process is more than half of the respondents. Level of promotion of innovation and wages are satisfied with a few.

EEC, having held meetings, conversations and interviews with the director, deputy directors, heads of departments, head of cyclic commissions, employees of structural divisions, students, teaching staff, representatives of employers' organizations and graduates, as well as carrying out questioning of students and teachers, familiarized themselves with the educational infrastructure of the college, material, technical and information resources.

Analyzing the work on the standard "Management of the educational program", it can be noted that the success of the educational program is determined primarily on the basis of a systematic, focused and effective implementation of the goals and the development plan of the educational program, which, accordingly, should be as transparent as possible, accessible to all interested persons.

**The EEC notes that in the activities of an educational institution there is such a factor as:**

- the focus of the development plan of educational programs on meeting the needs of the state, stakeholders and students;
- availability of an adequate plan for the development of EP with available resources, needs of the labor market and educational policy of the Republic of Kazakhstan..

EEC also notes that the school has:

- insufficient analysis of the effectiveness in the management of the OP;
- insufficient evidence of the satisfaction of the needs of the teaching staff, staff and students.

### ***EEC recommendations***

In order to further develop and improve the activities of the college in the implementation of accredited educational programs, the EEC IAAR **recommends:**

- Ensure monitoring, including the creation of reporting processes, allowing to

- determine the dynamics of activities and the implementation of plans;
- Introduce mechanisms for continuous improvement of the organization's activities based on the results of studying and analyzing the satisfaction of needs, teachers, staff, students and employers (introduce a system of awarding teachers and staff, various kinds of incentives for all categories);
- Provide analysis of the effectiveness in the management of the EP and the procedures of the internal quality management system;
- To form the composition of the attestation examination commission from among qualified specialists of enterprises and representatives of collegial bodies in the ratio of 65% from representatives of employers and 35% from representatives of technical and vocational education;
- Provide personnel selection based on basic knowledge.

**EEC notes that the specialized profile of the college according to this standard contains 1 - strength, 15 - satisfactory and 6 - suggesting improvements.**

### 6.2. Standard "Specificity of the educational program"

- *The VET organization must demonstrate the availability of the developed graduate models of the educational program, including knowledge, skills, basic and professional competencies, personal qualities*
- *The VET organization should provide evidence of the participation of the teaching staff and employers in the development of EP, ensuring their quality*
- *The VET organization should determine the content, scope, logic of the relationship of academic disciplines, as well as the influence of disciplines, industrial training and professional practice on the formation of basic and professional competencies of graduates*
- *EP management must demonstrate the presence in the content of academic disciplines a professional context*
- *EP management must demonstrate the presence of an effective balance between theoretical and practice-oriented disciplines*
- *The list and content of the disciplines should be accessible to students. Disciplines should exhaustively cover all issues and problems existing in the field of study.*
- *The structure of the educational program should provide for various activities, the content of which should contribute to the development of basic and professional competencies of students, taking into account their personal characteristics*
- *An important factor is the renewal of educational programs taking into account the interests of employers*

#### **Evaluation Criteria: Individualization of the EP**

- *The EP management must ensure equal opportunities for students, including regardless of the language of instruction*
- *The administration of EP must ensure the availability and effective functioning of the system of individual assistance and counseling of students on the educational process*
- *Management creates the conditions for the effective development of EP*
- *EP management must demonstrate the use of the benefits, individual characteristics, needs and cultural experience of students in the implementation of EP*
- *EP management must demonstrate individual support for students in the implementation of EP*
- *EP management must prove the presence of a system for monitoring students' achievements*

#### **Evaluation Criteria: Evaluation of Student Results**

- *EP management must ensure the availability and effective functioning of the mechanism for an objective, accurate and comprehensive assessment of learning outcomes*
- *EP management must ensure objectivity in the assessment of learning outcomes and the degree of development of basic and professional competencies of students, transparency and adequacy of the tools and mechanisms for their assessment*
- *EP management must ensure that the procedures for assessing the level of knowledge and skills of students with the planned learning outcomes and the objectives of the program*
- *The management of EP should carry out diagnostics of knowledge and skills of students at the beginning of training on the course and study of academic disciplines*
- *Processes and criteria for evaluating learning outcomes should be transparent*
- *The EP's management must ensure that the students develop skills to continue their studies at the following educational levels*

#### **Evaluation criteria: teaching methods**

- *EP management should ensure the systematic development, introduction and effectiveness of active teaching methods and innovative teaching methods*
- *During the implementation of the educational program, the student's independent work should be monitored*

- *The management of EP should provide the opportunity to complete industrial training and professional practice in the specialty / qualification of students and to monitor the satisfaction of students, managers of enterprises - places of practice and employers*
- *The management of EP should ensure the implementation of the results of practical achievements of teachers in the educational process*

### *The evidence part*

The working group analyzed the working curricula and programs to improve their content in connection with the changes made to practical training, taking into account laboratory and practical classes, amounted to 60% of the total amount of training time.

From the 2017-2018 academic year, the new recruitment group for the specialty 0907000 "Thermal equipment and heat supply systems (by type)", 1118000 "Equipment for catering, trade, and meat industry" participate in the experiment on dual training. Our social partners took part in the experiment: the State Enterprise "Kostanay Heat Power Company", Torgtekhnika LLP. Their wishes and training requirements were discussed with representatives of enterprises.

On the basis of the order of the Department of Education No. 467 of September 5, 2017, the college has experimental sites for the introduction of modular educational programs based on the competence approach in the following specialties: 0907000 "Heat engineering equipment and heat supply systems (by type)", 1118000 "Equipment of catering enterprises, trade, and the meat industry. " According to the work plan, two modules were tested (Turarov A.R. "Development of technical documentation, design and construction of drawings and schemes", Bektasova A.A. "Paperwork in the state language"). Problems of development of modular work programs, perspective-thematic planning were discussed at the pedagogical council, methodical council.

The most significant stages from the standpoint of the formation of professional competencies are requirements analysis and marketing research (definition of professional competencies in accordance with the State Compulsory Educational Standard RK and employers' requirements, availability of a graduate model). Each model of the graduate of the educational program includes knowledge, skills, abilities, competencies, personal qualities. Qualifications received upon completion of the educational program are defined and fixed in the model of the graduate. The model of the graduate itself is formed and communicated to applicants upon admission to an educational institution. In addition, there is a constant revision in accordance with changes in the labor market and the requirements of the employer.

In the framework of individual work with students and for the qualitative assimilation of educational material, teachers organize additional consultations.

When completing assignments, students, in accordance with the evaluation criteria and their individual capabilities, can determine the required amount of assignment to achieve a positive result. When training specialists, teachers pay special attention to an individual approach to training, since at present, throughout the world, the system of technical and vocational education is characterized by a wide variety of approaches in training personnel for production.

При реализации аккредитуемых ОП к рецензированию дипломных проектов (работ) привлекаются руководители среднего уровня и ведущие специалисты с производств по направлению подготовки.

A survey of students, conducted during the visit of the EEC IAAR, showed that

- the level of accessibility and responsiveness of management is estimated as high - 88.4%;
- availability for counseling on personal problems is assessed - 71%;
- the level of satisfaction with the college's educational resources - 87%.

Analyzing the work on the standard "Specificity of the educational program", it can be noted that the professional training of qualified specialists largely depends on high-quality educational programs that meet the qualifications frameworks of educational levels and the requirements of the labor market. Based on the description of training modules, modular programs have been developed, a feature of which is interrelation with the tasks and labor functions of the employee. When developing the content, a diagnostic goal setting system was used. Considering that more than half of the assimilation of theoretical material is carried out in the course of practical exercises, special importance is given to the practical training of students.

**EEC notes that in the educational institution according to this standard, special**



**attention is paid to the following positions:**

- development of graduate models of the educational program, including knowledge, skills, basic and professional competencies, personal qualities
- participation of the teaching staff and employers in the development of EP, ensuring their quality
- the presence in the content of academic disciplines professional context
- the presence of an effective balance between theoretical and practice-oriented disciplines
- various activities, the content of which contributes to the development of basic and professional competencies of students, taking into account their personal characteristics
- the availability and effective functioning of the system of individual assistance and counseling of students on the educational process

***EEC recommendations***

In order to further develop and improve the activities of the college in the implementation of accredited educational programs, the EEC IAAR **recommends:**

- monitor the student's independent work during the implementation of the educational program;
- introduce and develop active teaching methods and innovative teaching methods;
- Introduce circle work on special disciplines in the framework of EP
- to increase the share of practical teachers for conducting theoretical training in the framework of EP, as well as to involve employers and interested persons in the development of educational programs in order to improve their quality;
- update topics of course and diploma projects taking into account innovative technologies of work in enterprises,
- Link and align the college's educational program with the mission, vision, and strategy adopted by VET (include subjects of business law copyright public speaking, logistics, etc.).

***The EEC notes that the specialized profile of the college according to this standard contains 5 - strong, 9 - satisfactory positions..***

***6.3. Standard "Teaching staff and the effectiveness of teaching"***

- *For the implementation of educational programs, the EP management should involve practitioners and determine the number of disciplines carried out by them*
- *The EP management should motivate the teaching staff to continuously apply the innovations in the education process*
- *The EP management should demonstrate the appropriateness of the potential of the pedagogical team and the specificity of educational programs*
- *The VET organization should also demonstrate the accessibility of the data on teaching staff to the educational community.*
- *The EP management should ensure the monitoring activities of the teaching team, a systematic assessment of the competence of the teachers, a comprehensive assessment of the quality of teaching*
- *The working load of teachers should include various types of activities. The EP management should demonstrate evidence of performance by teachers of all types of planned load.*
- *EP management should provide targeted actions for the development of young teachers*
- *The EP's management should demonstrate mechanisms to stimulate the professional and personal development of teachers and workers*
- *The management of EP should ensure monitoring of the satisfaction of the teaching staff*
- *EP management must demonstrate IT competence of the teaching staff, the use of innovative methods and forms of training*
- *An important factor is the participation of the teaching staff in society*

*The evidence part*

Personnel policy is carried out in accordance with the main priorities of the College Development Strategy, in line with current trends in the field of working with human resources.

Recruitment on the basis of the recruiting system is implemented in the following order: the staff list of the EST is formed, the number of vacancies for preparing students in the EP is determined, information about the availability of vacancies is announced through the media, the employment center, on the college website, resumes are considered. Recruitment and distribution of duties is carried out in accordance with the qualification characteristics of positions of employees of technical and vocational education organizations. The college is responsible for its employees, provides them with favorable conditions for work.

According to the OP specialty 111800 "Equipment of catering, trade, and meat industry" teaching activities are conducted by 16 teachers, of which 4 people have the highest category and 6 people have the first category, of which 1 person has a master's degree, the qualitative composition is 62.5%.

The teaching of the specialty 0902000 "Power supply (by industry)" in EP is conducted by 8 teachers, of which 1 person has the highest category, the first category is 3 people. Teachers of special disciplines with the first and highest category constitute 50%, which meets the qualification requirements.

The number of teachers in EP 0907000 "Heat engineering equipment and heat supply systems (by type)" is 26 people, including masters 1 person, 10 people have the highest category, 5 people have the first category, 57.6% of the qualitative composition.

To improve the quality of teaching, to ensure a close relationship with the production, specialists with experience in relevant fields are involved in the learning process.

Lecturers Solonskaya B.V., Shindavletov A.S., Sarsembayev B.M., Astapkova T.S. Kamelov Z. transferred from production to pedagogical work to a college, these lecturers are characterized by such qualities as professionalism, creative approach to work, high performance in work. For example, Sarsembayev B.M., having a higher technical education, worked as the chief engineer of the Milyutinsky state farm in Zhitikara district. Solonskaya B.V. began her career as a designer and technical engineer at Teploset-Holding LLP, and then as the head engineer at MPO-Montazh LLP. Shindavletov A.S. worked at SE KTEK "Boiler No.2" as an electrician and a duty electrician, as well as at SE KTEK "Kostanay CHP" as an electrician of 4 categories for repair and maintenance of electrical equipment, as an electrician of relay protection and automation, and. engineer of electrical laboratory, electrician on duty at the main control panel of CHP. Astapkova T.S. worked in PIP Kostanaivodproekt LLP as a heat engineer. Kamelov R.Z. came from Mezhhregionenergotranzit LLP in the position of a mechanic to repair electrical equipment of distribution networks up to and above 1000 in the subject cyclic commission of Kostanay Healthcare Facility. As a result, students receive diverse professional knowledge skills and abilities that contribute to improving the competitiveness of students.

On the basis of the order of the Department of Education No. 467 of September 5, 2017, the college has experimental sites for the introduction of modular educational programs based on the competence approach in the following specialties: 0907000 "Heat engineering equipment and heat supply systems (by type)", 1118000 "Equipment of catering enterprises, trade, and the meat industry. " According to the work plan, two modules were tested (Turarov A.R. "Development of technical documentation, design and construction of drawings and schemes", Bektassova A.A. "Paperwork in the state language"). Problems of development of modular work programs, perspective-thematic planning were discussed at the pedagogical council, methodical council.

On the Internet, methodological sites and portals publish the development of lessons, extracurricular activities, instructional cards of practical classes, work programs, scientific articles, and much more.

On the methodical portal [www.internet-konkursy.com](http://www.internet-konkursy.com) Agibalova M.Y. published 1 methodical development. On the website [videouroki.net](http://videouroki.net) Orymbekova G.E. published 3 methodical products. On the website of the International educational project "Internet contests" published methodical development of Bektassova A.A.

In the 2017-2018 school year, ISBN was received for the textbook "Kasibi kazak tili" of Bektassova A.A., several methodical products undergo an examination procedure for obtaining an ISBN (Solonskaya B.V., Sarsembayev B.M., Agibalova M.Y., Mamitanova L. .K., Kaptiyol

## Table Authoring

№	Name	For what specialty is VET developed	ISBN number	Author Details
1	Kasibi kazak tili, Oku kuraly	0907000«Heat engineering equipment and heat supply systems (by type)»	978-601-336-285-4	Bektassova A.A. Kazakh language and literature teacher
2	Boiler installations	0907000«Heat engineering equipment and heat supply systems (by type)»		Solonskaya B.V.
3	Accuracy Rationing	1014000«Engineering technology»		Sarsembayev B.M.
4	Fundamentals of Mathematical Statistics electronic tutorial		On Ucoz website	Agibalova M.Y.

For the 2017-2018 academic year, the following methodical products are developed:  
Solonskaya B.V. - Guidelines for the implementation of the course project for the discipline "Boiler installations of heating systems."

Solonskaya B.V. - Methodical recommendations for practical work in the following subjects: "Boiler installations of heat supply systems", "Theoretical fundamentals of heat engineering", "Fundamentals of heat engineering measurements and automation of heat engineering processes"  
Yakovleva N.M., Solonskaya B.V. - Guidelines for the thesis design for the specialty 1014000 "Engineering Technology" (by type), 1118000 "Equipment catering, trade and meat industry", 0907000 "Thermal equipment and heating systems (by type)"

Daribayeva S.A. - Methodical recommendations on the implementation of the course work on the discipline "Algorithmization".

Baizhanova G.K. - Guidelines for the implementation of the calculated part of the course work for the specialty 0907000 "Thermal equipment and heat supply systems" (by type).C

Vorona N.B. - Methodical recommendations on the implementation of practical tasks in the subject "Economics of the organization" section "Basic and revolving funds of the enterprise" for all specialties.

Notes about the achievements of teachers and students of the college "Technically, effectively, fascinatingly", "10-shy aimak Alga!", "Victories are waiting for you ahead!", "Business ladies" were published in the newspaper "Uchitelskaya Plus", the authors of the articles Mamitanova L. K, Tavtybaeva A.A., Yakovleva N.M., Bektassova A.A., in the newspaper "Bilimdi el - educated country" there were notes by Zholdybayeva S.B., Bektassova A.A..

In PI "College KEEU", monitoring of the effectiveness and efficiency of the use of innovations and the use of active teaching methods is carried out through the conduct and determination of teachers' ratings for 1 and 2 semesters through the subject cyclic commission, and then through the methodical cabinet. The results of the rating of teachers are heard and discussed at the pedagogical council of the college, which makes the appropriate decision and recommendations for improving performance.

College teachers take part in competitions of professional skills, creative reports of certified teachers, conducting subject decades, seminars, conferences, pedagogical readings.

The college has developed a system of professional development, professional and personal development of the teaching staff. A positive practice is the expansion of forms of advanced training of the PS (PC courses, internships, seminars, business trips to near and far abroad). Within the framework of advanced training of PS in the field of introducing new pedagogical technologies, through various forms of training: republican and regional advanced training courses, seminars, theoretical and scientific and practical conferences together with

universities of not only Kazakhstan, but also the Russian Federation.

The need for accredited EP in the vocational qualification level of the teaching staff is determined by the direction of training students, licensing requirements. For the implementation of accredited persons with vocational education of a relevant profile, the level of qualification, which corresponds to the specifics of the accredited EP. Teachers in the specialty 0902000 "Power supply (by branches)", 1118000 "Equipment for catering, trade and meat industry", 0907000 "Heat engineering equipment and heat supply systems (by type)" have an education corresponding to the taught disciplines.

In general, it can be stated that the EPs are fully staffed with qualified teaching staff (according to the staffing table) for the entire period of study.

A survey of faculty members conducted during the visit of the EEC IAAR showed that:

- the college has the ability to provide the teaching staff in the use of innovation in the learning process - to "very good" - 15%; "Good" - 77.5%; "Relatively bad" - 2.5%; "Bad" - 2.5%; "Very bad" -2.5%;
- teachers are satisfied with the content of the educational program - "very good" -10%; "Good" -90%;
- the level of teacher feedback with the management is "very good" - 10%; "Good" - 75%; "Relatively bad" - 12.5%; "Bad" - 2.5%;
- combine teaching with research on "very good" - 5%; "Good" - 60%; "Relatively bad" - 30%; "Bad" - 5%

#### *Analytical part*

Analyzing the work on the standard "Pedagogical team and the effectiveness of teaching" it can be noted that a high representation of pedagogical skills is determined by the constant level of professional development and visiting various schools and creative activities. Despite the high qualification of teachers, it is necessary to strengthen the work on the study of a foreign language in order to bring into conformity with the specifics of educational programs. The management of EP needs to motivate the teaching staff to constantly apply innovative technologies in the educational process.

I would like to note the competence and sufficiently high qualifications of individual teachers in the specialty 0902000 "Power supply (by industry)", 1118000 "Equipment for catering, trade, and meat industry", 0907000 "Heating equipment and heat supply systems (by type)" that could demonstrate effective application of methods for studying equipment, which in the complex gives very good results in the development of the material. Specialized internships in production could give additional guidance to teachers in the improvement of their professional skills, in accordance with modern trends and requirements, and it is worth noting the importance of conducting systematic seminars by experienced teachers for young staff.

Having studied the general state of the staff of the college, it can be concluded that the pedagogical staff of the college as a whole consists of highly qualified teachers and specialists with sufficient experience in teaching.

**EEC notes that in the educational institution according to this standard, special attention is paid to the following positions:**

- Active participation of the teaching staff in society;
- Demonstration of the fulfillment by teachers of all types of planned load

**At the same time, the EEC notes that in order to work effectively, teachers in an educational institution should pay attention to:**

- ensure monitoring of the satisfaction of the teaching staff;
- to intensify work on mechanisms for stimulating the professional and personal development of teachers and workers;
- motivate the teaching staff to constantly apply innovations in the educational process

#### *EEC recommendations*

- continue the work of the EP management on the use of the IT competence of the teaching staff, the application of innovative methods and forms of education;

attract practitioners and determine the share of special disciplines they read to improve the quality of educational programs.

to increase the number of teachers of special disciplines for internships at industrial enterprises by specialty profile.

to stimulate teachers and staff for personal contributions and work results achieved

**Conclusions EEC on the criteria:**

**EEC notes that the specialized profile of the college according to this standard contains - 2 strong positions, 6 – satisfactory and 3-suggesting improvements in positions.**

6.4. Standard "Learners"

- *The EP management must demonstrate the policy of forming a contingent of EP students and the transparency of its procedures*
- *EP management must demonstrate awareness of the main roles (professional, social) of learners based on the results of training*
- *An important factor is the possibility of professional certification of students in the field of specialization in the learning process*
- *An important factor is the availability of support programs for gifted students.*
- *The management of EP should make the maximum amount of effort to provide graduates with employment and to maintain contact with graduates*
- *An important factor is the monitoring of the employment and professional activities of graduates*
- *EP management should actively encourage students to self-education outside the main program (as part of extracurricular activities)*
- *EP management should provide students with the opportunity to exchange and express opinions*
- *The EP's management should create a mechanism for monitoring the students' satisfaction with the activities of the VET organization as a whole and certain services in particular*
- *EP management must demonstrate the functioning of the feedback system, including the prompt presentation of information on the results of the evaluation of learning outcomes*

*The evidence part*

The contingent of students is formed on the basis of the eligibility of applicants by the educational institution, by specialties and by profile is formed taking into account the requirements of employers, employment indicators. Admission to the EP is carried out in accordance with the model rules for admission to studies in educational organizations that implement vocational curricula for technical and vocational education, approved by Government Decree of the Republic of Kazakhstan dated January 19, 2012 No. 130

The formation of a contingent is one of the main activities of the Private Enterprise "College KEEU" and is included in the work plan of the structural units. The policy of forming a contingent of students is to attract those who are most prepared for college, who deliberately chose the specialties of private enterprise "College of KEEU" as a result of vocational guidance. Admission and admission to college is carried out in accordance with the Constitution of the Republic of Kazakhstan, the Law of the Republic of Kazakhstan "On Education", other regulatory legal acts of the Republic of Kazakhstan, the College Charter and the "Model Rules for Admission to Education in Educational Organizations Implementing Educational Programs of Technical and Vocational Education" approved Decree of the Government of the Republic of Kazakhstan No. 130 dated January 19, 2012, as well as the "Rules for admission to study at the Private Enterprise" College KEEU", approved annually by the founders of the College.

Admission to the college is carried out on a competitive basis based on the results of entrance exams. Additional conditions for applicants are not presented. For the coordination of career guidance, the admission of documents entering the school and procedures for enrollment in the students organized by the admission committee.

The contingent of students in these specialties: full-time and part-time forms of education is formed through the marketing policy, attracting graduates of urban and rural schools from across the country.

Table: Contingent by specialties for 2015-2018.

Academic year / Specialty	2015-2016	2016-2017	2017-2018	2018-2019
0902000 Power supply (by industry)	73/26	95/20	69/11	70
0907000 Heat engineering equipment and heat supply systems (by type)	76/3	95	92	45
1118000 Equipment for catering, trade, and meat industry	88/	94/	93	96

For a more successful adaptation of students to the educational environment and involvement in the student team of the college, there is a Council of Students on Self-Government, which makes a significant contribution, attracts students to community work, develops interest in sports sections, clubs, conducts trainings, educational games, conferences, debates.

Acquaintance of students with their specialty takes place in stages. So, on the 1st course, students create videos or presentations “My future profession”, where they show their vision of the profession in the future. On the 4th course, meetings with graduates and future employers are held. Traditionally, vocational guidance events are held in the college: subject Olympiads, PCC weeks, professional skill contests, round tables, master classes, meetings with school children and their parents to choose their future profession and place of study

The participation of gifted students in various competitions, competitions, scientific conferences, competitions (college, regional, national, international) contributing to the development of intellectual and physical abilities. In order to improve the status of vocational training and popularization of working professions at the college in 2015-2016 academic year, the Regional competition of the national championship of the international movement “WorldSkills-2015” on competencies: “Electrical work” was held. Students take part in the Republican contest of research projects of students of the Small Academy of Sciences of Kazakhstan. The work of Seraziev Timur, a 2nd year student, specialty 0902000 “Power supply (by industry)” on the topic “Evaluation of the negative aspects of energy saving lamps”, took the 3rd place, published in the conference materials collection. Seraziev Timur under the leadership of N.N. Yakovleva took part in the student's scientific-practical conference "Energy-saving technologies in lighting"., the work was awarded a diploma of 2 degrees and published in the journal "Science".

Overtime employment of students in college is carried out in areas:

- Debate Club
- School of KVN (Club for the Lightheaded and Quick-witted)
- Choreography (dance)
- Vocal
- Military Patriotic Club

Sports sections: athletics, table tennis, basketball, mini football, volleyball, chess (checkers), togyz-kumalak, yoga, gym.

The specialization of the selected practice bases corresponds to the specialty profile. For the internship of students in college there is an appropriate base. Base organizations are selected in accordance with the goals and objectives of the relevant practice, have sufficient material and technical equipment in accordance with regulatory requirements, safety rules and sanitary and hygienic standards. In particular, contracts have been concluded on practical training with such large enterprises as the state enterprise Kostanay Heat Power Company, SaryarkaAvtoProm LLP, TeploSila LLP, Kostanay-Su State Enterprise, Kostanay branch of Agromash Holding, LLP Dormash.

Planning of places of practice and the conclusion of contracts occurs on the basis of specialties, specifics of the enterprise and the type of practice (for example, to receive a working

profession, technological practice or work experience). To do this, an agreement is made with the company, which is agreed with the schedule of the enterprise. The contract negotiates the number of students attached to an enterprise with the name and surname of the students.

The implementation of the monitoring of professional practice, the monitoring of the quality of its organization is carried out directly by the head of the practice and deputy director for production practice. The head of the practice visits the students at the enterprise assigned to him, keeps records of the attendance of the practice and cooperates with those responsible for the practice from the enterprise..

The mechanism of planning and carrying out professional practice is carried out on the basis of the schedule of the educational process, drawn up in accordance with the working curriculum, which reflects all types of practices and the timing of their implementation.

The order on educational, technological and work practice is made by the deputy head of the work practice signed by the head of the college.

The administration of the college and the teaching staff actively promotes the employment of graduates, monitors their professional activities and career growth and promotion in the labor market.

The most important criterion for the effectiveness of educational programs is the employment of graduates. 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 proven themselves in the course of practice are discussed..

**Data on employment of graduates of accredited specialties (full-time)**

The name of the specialty	2015-2016			2016-2017			2017-2018		
	Number of graduates	employed	%	Number of graduates	employed	%	Number of graduates	employed	%
0902000 Power supply (by industry)	-	-	-	22	10	45%	21	10	48%
0907000 Heat engineering equipment and heat supply systems (by type)	-	-	-	24	9	38%	19	8	42%
1118000 Equipment for catering, trade, and meat industry	16	12	75%	23	12	52%	20	17	69%
<b>TOTAL</b>	<b>16</b>	<b>12</b>	<b>75%</b>	<b>69</b>	<b>31</b>	<b>45%</b>	<b>60</b>	<b>35</b>	<b>53%</b>

Of the total number of graduates for 2015-2018, specialty 0902000 "Power supply (by industry)" full-time (43 people):

- employed (20 people) (47%),
- studying in universities - 6 people (14%),
- conscripted into the armed forces of the Republic of Kazakhstan - 14 people (33%),
- maternity leave - 1 person (2%),

- are subject to employment - 2 people (4%).

specialty 0907000 "Heat engineering equipment and heat supply systems (by type)" full-time (43 people):

- employed (17 people.) (40%),
- studying in universities - 18 people (42%),
- conscripted into the armed forces of the Republic of Kazakhstan - 5 people (12%),
- subject to employment - 3 people (6%).

on specialty 1118000 Equipment for catering, trade, and meat industry full-time department (59 people):

- employed (41 people) (69%),
- studying in universities - 9 people (15%),
- 6 persons (10%) were drafted into the armed forces of the Republic of Kazakhstan,
- maternity leave - 1 person (2%),
- Left the Republic of Kazakhstan - 1 person (2%),
- subject to employment - 1 person (2%).

Of the total number of graduates, 2 clusters (145 people) employed 78 people (53%), enrolled in universities - 33 people (22%), 25 people (18%) were drafted into the armed forces of Kazakhstan, 2 maternity leave (2%), went outside the Republic of Kazakhstan - 1 person (1%), 6 people (4%) are subject to employment

An important factor is the monitoring of the employment and professional activities of graduates of the Private Enterprise "College KEEU".

A survey of students, conducted during the visit of the EEC of the IAAR, has shown that: 82.6% are satisfied with the availability of computer classes and Internet resources;

88.4% are satisfied with the fairness of exams and certification;

-84.1% are completely satisfied with the speed of response to feedback from teachers regarding the educational process;

-85.4% are satisfied with the availability of counseling on personal problems;

-75.4% usefulness of the website of educational organizations in general

Analytical part

According to the standard "Learners" it can be noted that the result of quality EP and professional qualification of a qualified specialist is employment. According to the results of the analysis, it can be said that the percentage of employment in the private enterprise "College KEEU" is absolute. In general, work with students is conducted at a good educational, methodical and practical level. The EEC notes that there are positive factors in the activities of the school. At the same time, members of the EEC note that the college does not have a support system for gifted students..

**The EEC notes that in the educational institution of this standard, special attention is paid to the following positions:**

- the policy of forming a contingent of students of EP and the transparency of its procedures
- monitoring of employment and professional activities of graduates



- opportunity to exchange and express opinions

**At the same time, the EEC notes that in order to work effectively in an educational institution, attention should be paid to:**

- make the maximum amount of effort to keep in touch with alumni;
- to continue the functioning of the feedback system, including the prompt submission of information on the results of the evaluation of learning outcomes.

***EEC recommendations***

In order to further develop and improve the activities of the college in the implementation of accredited educational programs, the **EEC IAAR recommends:**

- keep in touch with alumni;
- to improve the level of proficiency in students of the English language;
- to encourage students to self-education outside the main program (as part of outside educational activities);
- support gifted students;- develop feedback on the assessment results.

***The EEC notes that the specialized profile of the college according to this standard contains 2 strong positions, 7 – satisfactory, 1-need improvement.***

***6.5. Standard "Resources used in the implementation of educational programs"***

- *The EP's management should ensure that students have access to as much as possible of structured, organized information on the subjects taught: for example, presentation materials, lecture notes, compulsory and additional literature, practical tasks, etc.*
- *Training equipment and software used for the development of educational programs should be similar to those used in the relevant industries and meet the safety requirements for operation*
- *The VET organization creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and opportunities of students*
- *The VET organization should create conditions for the development of applied skills of students and the teaching staff in the disciplines being studied and the possibility of realizing these skills in competitions and competitions or in some other way in practice*
- *The VET organization should assess the dynamics of development of material and technical resources and information support of the EP*
- ***An organization of VET organizations should create an educational environment for educational institutions, which include:***
  - *technological support for students and teaching staff in accordance with the specifics of the educational program*
  - *academic accessibility - students have access to personalized educational resources*
  - *academic counseling - there are personalized educational resources that help students*
  - *vocational guidance - students have access to personalized educational resources that assist in choosing and achieving career paths*
  - *the required number of classrooms equipped with modern technical training facilities that meet sanitary and epidemiological standards and requirements*
  - *the required number of computer classes, reading rooms, multimedia and language laboratories, the number of seats in them*
  - *a book stock, including a fund of educational and methodical literature on paper and electronic media, periodicals in the context of the languages of instruction*
  - *free access to educational Internet resources*
  - *The EP's management should determine the degree of implementation of information technologies in the educational process of the EP, monitor the use and development of innovative teaching technologies by the teaching staff, including those based on ICT*
  - *The EP management must demonstrate the information on the website on the web resource.*

***The evidence part***

When inspecting the Private Institution "College KEEU" found that the school has the necessary resources for the implementation of accredited educational programs.

The material and technical base on which the educational process is built includes the following objects: 1 educational building with a design capacity of 5342.7 square meters, a library and a reading room for 120 seats, a sports and fitness complex with a total area of 970.7

square meters, sports and gym, table tennis hall, gym, shooting gallery; training ground for energy built by the social partner Kostanay city power network. There is an event hall for 245 seats, a dining room for 120 seats and a snack bar, the college has a dormitory for 100 beds / beds, a medical office. Today, the college has 169 units of computer equipment. In the educational process involved 6 computer rooms, 149 computers. In each computer class held a local network, allowing to conduct classes using new information and network technologies. The college has WI-FI coverage. There are 7 multimedia projectors and 3 interactive boards installed in classrooms.

To provide non-resident students with housing, the college has a student dormitory with 100 beds, an area of 1,184 m<sup>2</sup>. The settlement is made in accordance with the order number 200 of April 14, 2015 "Standards of public services of the Republic of Kazakhstan". Students at the beginning of the year get acquainted with the "Rules of the dormitory's internal regulations" and the "Rights and obligations of residents living in the dormitory".

The classroom and educational-laboratory fund corresponds to the contingent of students and the educational content of training in specialties 1118000 "Equipment for catering, trade and meat industry", 0902000 "Power supply (by industry)", 0907000 "Heat engineering equipment and heat supply systems (by type)".

The number of classrooms equipped with technical teaching aids and educational laboratories equipped with modern equipment correspond to the educational programs, sanitary and epidemiological standards and requirements being implemented.

The total fund of the college library is 37,800 copies of educational, scientific, technical and reference books in all prepared specialties, including 12,600 copies in the state language. The book fund of textbooks is 44719 copies, including 14906 copies in the state.

Table 8. Analysis of the structure of the main book stock of the library

Academic year	book stock		Literature		Other literature	E-books
	total	On state language	total	On state language		
2017 -2018	37800	12600	30719	10239	6664	1258

Table 9. For one student in the context of specialties

Specialties	General Fund of Teaching Literature	Language of instruction		Provision of educational literature	
		Kazakh	Russian	Kazakh	Russian
1118000 "Equipment for catering, trade, and meat industry"	3866		69		56%
0902000 "Power supply (by industry)"	4352		45		96 %
0907000 "Heat engineering equipment and heat supply systems (by type)"	3407		95		35,9 %-

The reading room is equipped with the program "Library Business", KABIS, approved by the Ministry of Education of the Republic of Kazakhstan, which are designed to fully automate library processes. An electronic catalog has been compiled, in which the book collection used in the educational process is entered, all literature is attached to the book supply for each specialty in the context of disciplines. The program allows you to quickly search information on the database.

A survey of students, conducted during the visit of the EEC IAAR, showed that satisfaction:

- availability of library resources - 92.8%;
- support of educational materials in the learning process - 85.5%;

- availability and accessibility of computer classes and Internet resources - 82.6%.

In their free time from studying, students have access to computer rooms. There is a local college network, which unites not only computer classes, but also all structural divisions. There is access to the Internet.

An important resource of information support in a modern educational organization is a website. The content of the resource requires constant updating and completeness of information characterizing the EP.

According to the standard "Resources used in the implementation of educational programs" it can be noted that the material base of the college is sufficiently equipped with information and communication technologies. In this regard, I would like to note that the use of appropriate application programs, Internet resources, electronic textbooks and test tasks, animation tasks, virtual laboratories and simulators further enhances the effectiveness of the subjects taught.

According to this standard, the absence of a language laboratory and an insufficient number of interactive whiteboards and projectors can be noted.

**The EEC notes that the educational institution for this standard pays special attention to such a position as:**

- a book stock, including a fund of educational and methodical literature on paper and electronic media, periodicals in the context of training languages.

**At the same time, the EEC notes that in order to work effectively in an educational institution, attention should be paid to:**

- ensuring accessibility for students of the maximum possible amount of structured, organized information on the subjects taught,
- providing access to personalized educational resources that assist in the selection and achievement of career paths for vocational guidance
- creation of a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and capabilities of students,
- the introduction of information technology in the educational process of the EP, the monitoring of the use and development by the teaching staff of innovative learning technologies, including those based on ICT,
- training equipment and software used for the development of educational programs should be similar to those used in the respective industries and meet the safety requirements for operation,
- creation of conditions for the development of applied skills of students and teaching staff in the studied disciplines and the possibility of implementing these skills in competitions and competitions or in some other way in practice,
- free access to educational Internet resources,

#### ***EEC recommendations***

In order to further develop and improve the activities of the college in the implementation of accredited educational programs, the EEC IAAR **recommends:**

- purchase the required number of multimedia and language labs,
- to assess the dynamics of development of material and technical resources and information support of the EP,
- create learners access to personalized educational resources

#### ***Conclusions EEC on the criteria:***

***The EEC notes that the specialized profile of the college according to this standard contains 12 - satisfactory positions, 3 - requiring improvement..***

#### ***6.6. Standard "Standards in the context of individual specialties"***

*Evaluation criteria depending on the direction of the EP*

***EDUCATION / SOCIAL SCIENCES, HUMANITARIAN SCIENCES, ECONOMICS,***

*BUSINESS AND LAW, SERVICES / NATURAL SCIENCES, AGRICULTURAL SCIENCES, TECHNICAL SCIENCES, AND TECHNOLOGIES / ART*

The content of training for specialists at various levels is associated with the following indicators, such as the duration (duration) of training, the ratio of theoretical and practical training, the ratio of the volume and content of vocational and special training. In this regard, one of the main tasks facing modern education is the upbringing and training of a diversely developed personality of a student along with his professional development..

The content of all disciplines of the educational program is based and has a clear relationship with the content of the fundamental educational and natural sciences. Fundamental natural - scientific training of students is intended to contribute to the formation of one of the key groups of competencies - research and self-education.

The modern stage of using information technologies is characterized by the transition from solving problems of production and management to solving social problems.

The use of information and computer technology, while observing a number of certain conditions, contributes to the improvement of the quality of the educational process and the formation of readiness for professional activity, the formation of information modeling skills, the need for continuing education.

For practical skills training, contracts with practice bases have been made; only some of the major ones in the specialties 1118000 "Equipment for catering, trade, and meat industry", 0902000 "Power supply (by industry)", 0907000 "Heat engineering equipment and heat supply systems (by type) are listed below. ": Atikoagro LLP, Titan LLP, MBF group LLP, KTEK Group Company.

Analyzing the work on the standard "Standards in the context of individual specialties" it can be noted that in order to familiarize students with the professional environment and current issues in the field of specialization, as well as to acquire skills based on theoretical training, the education program should include a number of activities in the form of technical circle works aimed at gaining practical experience and skills in the specialty.

**At the same time, the EEC notes that in order to work effectively in an educational institution, attention should be paid to:**

- excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, etc.),

the use of workshops for practical training, solving practical problems relevant to enterprises in the field of specialization, etc.

the teaching staff involved in the EP should include practitioners with experience in enterprises in the field of specialization of the EP.

***EEC recommendations***

In order to further develop and improve the activities of the college in the implementation of accredited educational programs, the EEC IAAR recommends:

- conduct individual classes or entire disciplines in an enterprise of specialization.

***Conclusions EEC on the criteria:***

***The EEC notes that the specialized profile of the college according to this standard contains 3 - - satisfactory positions and 1 requiring improvement..***

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

***7.1. In the standard "Management of the educational program":***

- A plan for the development of EPs has been developed, aimed at meeting the needs of the state, stakeholders and students.

***EEC also notes that the institution has:***

- insufficient adequacy of the development plan of the EP to the available resources, the needs of the labor market and the educational policy of the Republic of Kazakhstan.

- not systematic involvement of representatives of groups of stakeholders, including

- students, the teaching staff and employers to formulate a plan for the development of EP.
- the transparency of the formation of the EP development plan and the awareness of stakeholders about the content of the EP development plan and the processes of its formation are not regularly ensured
- not always a public discussion of the changes made to the project with representatives of all stakeholders.
- not sufficient demonstration of the degree of implementation of the principles of sustainability, efficiency, effectiveness, priority, transparency, responsibility, delegation of authority, differentiation and independence of the financing system.
- EP management should poorly include mechanisms for planning, development and continuous improvement, monitoring, including the creation of reporting processes, allowing to determine the dynamics in the activities and implementation of plans.
- all major business processes governing the implementation of EPs are not fully documented.
- not a clear demonstration of the procedure for approval, periodic review (revision) and monitoring of educational programs and documents regulating this process
- the presence and effective functioning of the information and feedback system aimed at students, employees and stakeholders was not fully demonstrated
- The administration of the EP does not demonstrate the successful functioning of the quality assurance system of the EP, including its design, management and monitoring, their improvement, making decisions based on facts
- EP management does not fully provide evidence of the transparency of the educational program management system
- The organization of VET does not fully demonstrate the presence and evidence of intensive use in the management processes of the EP program for the collection and analysis of statistics
- The EP's management does not fully demonstrate evidence of openness and accessibility for students, teaching staff, parents

### ***7.2. Standard "Specificity of the educational program"***

- availability of the developed models of the graduate of the educational program, including knowledge, skills, basic and professional competencies, personal qualities
- participation of the teaching staff and employers in the development of EP, ensuring their quality
- availability and effective functioning of the system of individual assistance and counseling of students on the educational process
- Use of benefits, individual characteristics, needs and cultural experience of students in the implementation of EP
- development of learning skills for students to continue their studies at the following educational levels
- Availability of content, scope, logic of the relationship of academic disciplines, as well as the impact of disciplines, industrial training and professional practice on the formation of basic and professional competencies of graduates
- presence in the content of academic disciplines professional context
- Availability of effective balance between theoretical and practice-oriented disciplines
- disciplines exhaustively cover all the issues and problems existing in the field of study
- Various activities, the content of which contributes to the development of basic and professional competencies of students, taking into account their personal characteristics

### ***7.3. Standard "Teaching staff and the effectiveness of teaching"***

- Active participation of the teaching staff in society;
- Demonstration of the fulfillment by teachers of all types of planned load

### ***7.4. Standard "Learners":***

- the policy of forming a contingent of students of EP and the transparency of its procedures
- monitoring of employment and professional activities of graduates
- opportunity to exchange and express opinions

**7.5. Standard "Resources used in the implementation of educational programs":**

- book stock, including the fund of educational and methodical literature on paper and electronic media, periodicals in the context of the languages of instruction

**7.6. Standard "Standards in the context of individual specialties":**

- communication of students with the professional environment, the acquisition of skills and on the basis of the theoretical preparation of the educational program and obtaining practical experience and skills in the specialty as a whole;

**(VIII) REVIEW OF THE RECOMMENDATION ON IMPROVING QUALITY**

***List of EEC recommendations on all standards related to the fulfillment of criteria***

**8.1. Standard "Educational Program Management":**

- Improve the work on ensuring monitoring, including the creation of reporting processes, allowing to determine the dynamics of activities and the implementation of plans;
- Introduce mechanisms for continuous improvement of the organization's activities based on the results of studying and analyzing the satisfaction of needs, teachers, staff, students and employers (introduce a system of awarding teachers and staff, various kinds of incentives for all categories);
- Improve the analysis of the effectiveness in the management of the EP and the procedures of the internal quality management system;
- To form the composition of the attestation examination commission from among qualified specialists of enterprises and representatives of collegial bodies in the ratio of 65% from representatives of employers and 35% from representatives of technical and vocational education;
- Strengthen recruitment control based on basic knowledge.

**8.2. Standard "Specificity of the educational program":**

- monitor the student's independent work during the implementation of the educational program;
- introduce and develop active teaching methods and innovative teaching methods;
- introduce circle work on special disciplines in the framework of EP
- increase the share of practical teachers for conducting theoretical training in the framework of EP, as well as to involve employers and interested persons in the development of educational programs in order to improve their quality;
- update the topics of course and diploma projects taking into account innovative work technologies in enterprises,
- link and align the college's educational program with the mission, vision, and strategy adopted by VET (include subjects of business law copyright public speaking, logistics, etc.).

**8.3. Standard "Teaching staff and the effectiveness of teaching"**

- continue the work of the EP management on the use of the IT competence of the teaching staff, the application of innovative methods and forms of education;
- attract practitioners and determine the share of special subjects taught by them to improve the quality of educational programs.

- to increase the number of teachers in special disciplines for internships at industrial enterprises according to the specialty profile.
- stimulate teachers and staff for personal contributions and work results achieved

**8.4. Standard "Learners":**

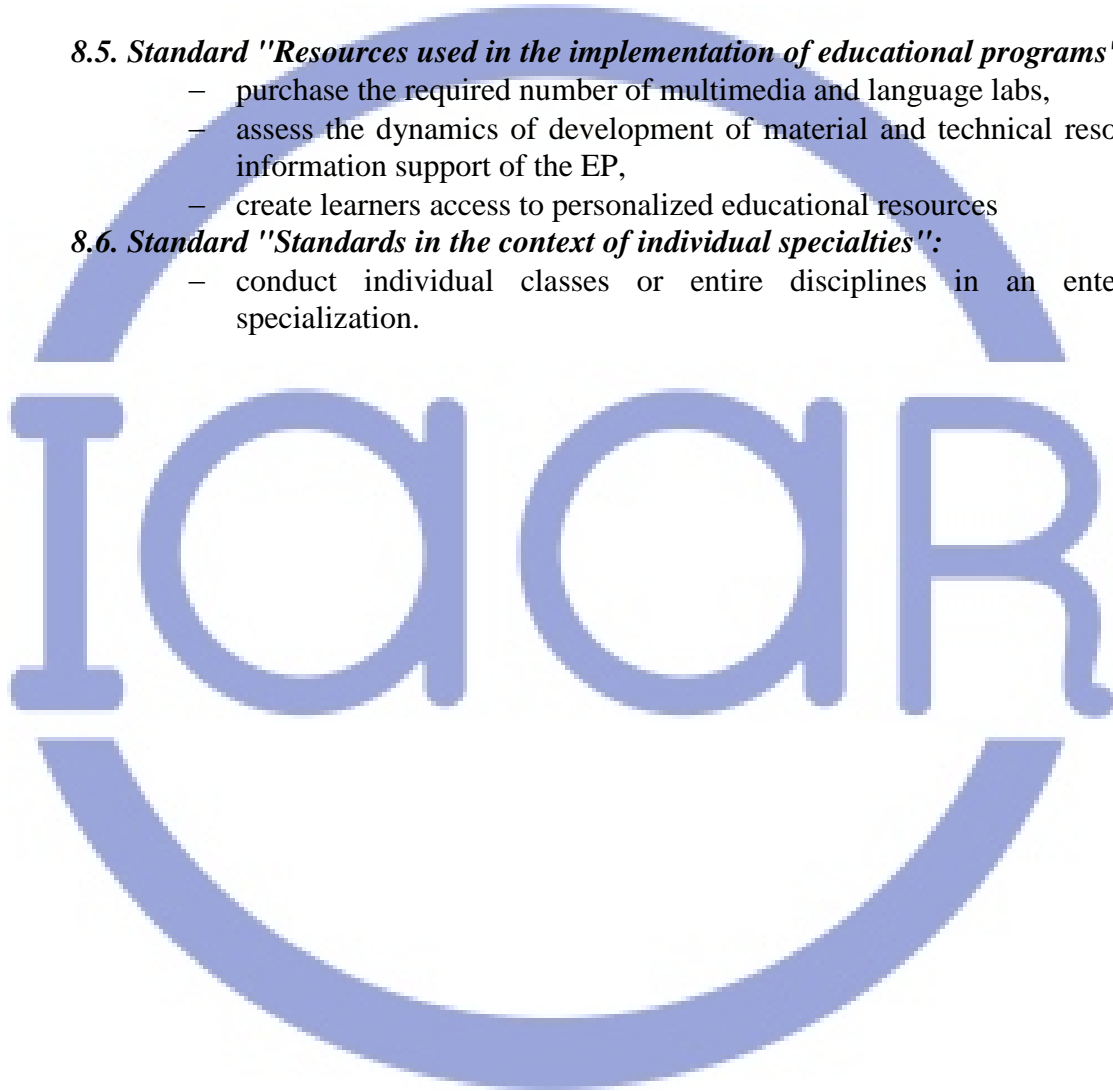
- keep in touch with graduates;
- improve the level of proficiency in students of the English language;
- encourage students to educate themselves outside the main program (as part of outside educational activities);
- support gifted students
- develop feedback on the assessment results.

**8.5. Standard "Resources used in the implementation of educational programs":**

- purchase the required number of multimedia and language labs,
- assess the dynamics of development of material and technical resources and information support of the EP,
- create learners access to personalized educational resources

**8.6. Standard "Standards in the context of individual specialties":**

- conduct individual classes or entire disciplines in an enterprise of specialization.



**Annex 1. Evaluation table " SPECIALIZED PROFILE PARAMETERS»**

№	Criteria for evaluation	Position of the organization of education			
		Strong	Satisfactory	Suggests improvement	Unsatisfactory
<b>Standard "Educational Program Management"</b>					
1	The VET organization demonstrates the development of the EP development plan, its focus on meeting the needs of the state, stakeholders and students.	+			
2	The VET organization should ensure the adequacy of the EP development plan to the resources available, the needs of the labor market and the educational policy of the Republic of Kazakhstan.		+		
3	The VET organization should involve representatives of groups of stakeholders, including students, the teaching staff and employers in the development of the EP development plan.		+		
4	The VET organization demonstrates the transparency of the formation of the EP development plan. The VET organization ensures that stakeholders are aware of the content of the EP development plan and the processes of its formation.		+		
5	The VET organization should determine the mechanisms for the formation and regular review of the EP development plan and the monitoring of its implementation.			+	
6	The VET organization systematically collects, accumulates and analyzes information on the implementation of the EP and conducts self-examination in all directions, develops and revises the development plan of the EP			+	
7	The development plan of the EP is held a public discussion with representatives of all stakeholders, on the basis of proposals and amendments which the authorized collegial body of the VET organization makes changes to the project.		+		
8	The VET organization demonstrates the degree of implementation of the principles of sustainability, efficiency, effectiveness, priority, transparency, responsibility, delegation of authority, separation and independence of the financing system.		+		
9	EP management should include:				
9.1	process management		+		
9.2	mechanisms for planning, development and continuous improvement		+		
9.3	monitoring, including the creation of reporting processes, allowing to determine the dynamics in activities and implementation of plans		+		



9.4	analysis of the effectiveness of changes			+	
9.5	evaluation of the effectiveness and efficiency of the units and their interaction "			+	
10	The VET organization should document all major business processes governing the implementation of EPs.		+		
11	The VET organization must demonstrate a clear definition of those responsible for business processes, an unambiguous distribution of job responsibilities of staff, a delineation of the functions of the collegial bodies involved in the implementation of the EP			+	
12	The VET organization must demonstrate the procedure for approval, periodic review (revision) and monitoring of educational programs and documents regulating this process.		+		
13	The VET organization should ensure the availability and effective operation of a system of information and feedback for students, employees and stakeholders		+		
14	The EP management must demonstrate the successful operation of the EP quality assurance system, including its design, management and monitoring, their improvement, and fact-based decision making.		+		
15	EP management must provide evidence of the transparency of the educational program management system.		+		
16	The VET organization must demonstrate the presence and evidence of intensive use in the processes of managing the EP system for collecting and analyzing statistics		+		
17	EP management should provide a measure of the degree of satisfaction of the needs of the teaching staff, staff and students, and demonstrate evidence that the deficiencies found during the measurement process are resolved			+	
18	EP management must demonstrate evidence of openness and accessibility for students, teaching staff, parents		+		
<b>TOTAL</b>		1	15	6	

**Standard "Specificity of the educational program"**

**Evaluation Criteria: EP Content**

19	The VET organization must demonstrate the availability of the developed graduate models of the educational program, including knowledge, skills, basic and professional competencies, personal qualities	+			
20	VET organization must provide evidence of the participation of the teaching staff and employers in the development of EP, ensuring their quality	+			
21	The VET organization should determine the content, scope, logic of the relationship of academic disciplines, as well as the impact of disciplines, industrial training and professional practice on the formation of basic and professional competencies of graduates		+		
22	The management of EP must demonstrate the presence in the content of academic disciplines a professional context		+		

23	The management of EP should demonstrate the presence of an effective balance between theoretical and practice-oriented disciplines.		+		
24	The list and content of the disciplines should be accessible to students. Disciplines should exhaustively cover all issues and problems existing in the field of study.		+		
25	The structure of the educational program should provide for various activities, the content of which should contribute to the development of basic and professional competencies of students, taking into account their personal characteristics.		+		
26	An important factor is the renewal of educational programs taking into account the interests of employers.		+		

**Evaluation Criteria: Individualization of the EP**

27	The management of EP should provide equal opportunities for students, including regardless of the language of instruction		+		
28	EP management must ensure the availability and effective functioning of the system of individual assistance and counseling of students on the educational process	+			
29	The manual creates the conditions for the effective development of EP		+		
30	EP management must demonstrate the use of the benefits, individual characteristics, needs and cultural experience of students in the implementation of EP	+			
31	EP management must demonstrate individual support for students in the implementation of EP		+		
32	The management of EP must prove the presence of a monitoring system for the achievements of students		+		

**Evaluation Criteria: Evaluation of Student Results**

33	EP management must ensure the availability and effective functioning of the mechanism for an objective, accurate and comprehensive assessment of learning outcomes		+		
34	EP management must ensure objectivity in the assessment of learning outcomes and the degree of development of basic and professional competencies of students, transparency and adequacy of the tools and mechanisms for their assessment		+		
35	EP management must ensure that the procedures for assessing the level of knowledge and skills of students with the planned learning outcomes and the objectives of the program		+		
36	The management of EP should conduct diagnostics of knowledge and skills of students at the beginning of training on the course and study of academic disciplines		+		
37	The processes and criteria for evaluating learning outcomes should be transparent.		+		
38	The management of EP must ensure the development of skills for students to continue their studies at the following educational levels	+			

**Evaluation criteria: teaching methods**

39	EP management should ensure the systematic development, introduction and effectiveness of active teaching methods and innovative teaching methods		+		
40	During the implementation of the educational program, the student's independent work should be monitored		+		
41	EP management must ensure the possibility of passing industrial training and professional practice in the specialty / qualifications of students and monitor the satisfaction of students, managers of enterprises - places of practice and employers		+		
42	EP management must ensure the implementation of the results of practical achievements of teachers in the educational process		+		
<b>TOTAL</b>		5	19		
<b>Standard "Teaching staff and the effectiveness of teaching"</b>					
43	For the implementation of educational programs, the EP's management should involve practitioners and determine the share of the subjects they read.		+		
44	The management of EP should motivate the teaching staff to constantly apply innovations in the educational process			+	
45	EP's management must demonstrate compliance of the personnel potential of the teaching staff with the specifics of educational programs.		+		
46	The VET organization should demonstrate public availability of information about the teaching staff		+		
47	The management of EP should provide monitoring of the pedagogical staff, a systematic assessment of the competence of teachers, a comprehensive assessment of the quality of teaching		+		
48	The workload of educators should include a variety of activities. The management of EP must demonstrate evidence of the fulfillment by teachers of all types of planned load	+			
49	The management of EP should provide targeted actions for the development of young teachers		+		
50	EP management must demonstrate mechanisms to stimulate professional and personal development of teachers and workers			+	
51	The management of EP should provide monitoring of the satisfaction of the teaching staff			+	
52	EP management must demonstrate the IT competence of the teaching staff, the use of innovative methods and forms of training		+		
53	An important factor is the participation of the teaching staff in society	+			
<b>TOTAL</b>		2	6	3	
<b>Standard "Learners"</b>					
54	EP management must demonstrate the policy of forming a contingent of EP students and the transparency of its procedures	+			
55	EP management must demonstrate awareness of the main roles (professional, social) of learners based on learning outcomes		+		

56	An important factor is the possibility of professional certification of students in the field of specialization in the learning process		+		
57	An important factor is the availability of support programs for gifted students.		+		
58	The management of EP should make the maximum amount of effort to provide graduates with employment and liaison with graduates		+		
59	An important factor is the monitoring of employment and professional activities of graduates.		+		
60	The management of EP should actively encourage students to self-education outside the main program (as part of extracurricular activities)		+		
61	EP management should provide students with the opportunity to exchange and express opinions	+			
62	EP management must create a mechanism for monitoring student satisfaction with the activities of the VET organization as a whole and certain services in particular.			+	
63	EP management must demonstrate the functioning of the feedback system, including the prompt presentation of information on the results of the evaluation of learning outcomes		+		
<b>TOTAL</b>		2	7	1	
<b>Standard "Resources used in the implementation of educational programs"</b>					
64	The EP management should ensure that students have access to the maximum possible amount of structured, organized information on the subjects taught: for example, presentation materials, lecture notes, compulsory and additional literature, practical tasks, etc.		+		
65	Training equipment and software used for the development of educational programs should be similar to those used in the relevant industries and meet the safety requirements for operation.		+		
66	The VET organization creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and opportunities of students.		+		
67	The VET organization should create conditions for the development of applied skills of students and the teaching staff in the disciplines being studied and the possibility of realizing these skills in competitions and competitions or in some other way in practice.		+		
68	The VET organization should assess the dynamics of the development of material and technical resources and the information support of the EP			+	
69	The VET organization should create an educational environment for educational institutions, which includes:				
69.1	technological support for students and teaching staff in accordance with the specifics of the educational program		+		
69.2	academic accessibility - students have access to personalized educational resources			+	
69.3	academic counseling - there are personalized educational resources that help students		+		

69.4	vocational guidance - students have access to personalized educational resources that assist in the selection and achievement of career paths		+		
69.5	The required number of classrooms equipped with modern technical training facilities that meet sanitary and epidemiological standards and requirements		+		
69.6	The required number of computer classes, reading rooms, multimedia and language laboratories, the number of seats in them		+		
69.7	a book fund, including a fund of educational and methodical literature on paper and electronic media, periodicals in the context of training languages			+	
69.8	free access to educational Internet resources		+		
70	EP management should determine the degree of implementation of information technology in the educational process of the EP, to monitor the use and development of innovative teaching technologies by the teaching staff, including those based on ICT		+		
71	EP management must demonstrate the information on the website on the web resource.		+		
<b>TOTAL</b>		0	12	3	
<b>"Standards in the context of individual specialties"</b>					
<b>Education</b>					
72	Educational programs in the direction of "Education", such as "Preschool education and training", "Organization of educational work (by levels)", "Primary education", etc. must meet the following requirements:				
72.1	The EP's management must demonstrate that graduates of the program have practice-oriented knowledge in the field of psychology and skills in the field of communication, analysis of personality and behavior, methods of conflict prevention and resolution, student motivation				
72.2	The EP's management must demonstrate the literacy of graduates of the program in the field of information technologies that meet the requirements of the educational sphere, the widespread use of information and communication technologies in educational institutions				
72.3	The management of EP must demonstrate the presence in the program of disciplines, teaching the organization of the educational process, innovative teaching methods and training planning, including interactive teaching methods				
72.4	The management of EP should demonstrate the presence of the ability to form self-learning skills in students				
72.5	EP management must demonstrate that it has a clear, grounded analysis and facts about what specialties (qualifications) and skills within certain specialties are in demand in the market, what is the approximate number of specialists required in the market for the taught specialty and give examples of successful employment of most graduates in the specialty (qualifications) in the first six months after graduation				
<b>Social sciences, services, economics, business and law</b>					
73	Educational programs in the areas of "Service, Economics and Management" and "Law", such as "Law Enforcement", "Patenting", "Translation Studies (by type)", "Tourism (by industry)", "Catering", " Social work, Marketing (by industry), Finance (by industry), etc. must meet the following requirements:				

	the EP's management must ensure that students have access to the most current and up-to-date data (statistics, news, scientific results) in the field of paper specialization (newspapers, collections of statistical data, textbooks) and electronic media				
74	EP in the areas of "Social Sciences, Economics and Business" and "Law" must also meet the following requirements:				
74.1	the goals and results of the EP should be aimed at obtaining specific skills required for the job market by students				
74.2	EP management must demonstrate that graduates of the program possess these skills and that these skills are really in demand in the market				
74.3	The EP should include a significant number of disciplines and activities aimed at obtaining practical experience of applying theoretical knowledge, such as work experience, training at enterprises, participation in lectures and master classes of practicing specialists, etc.				
<b>Natural and Technical Sciences</b>					
75	Educational programs in technical areas, such as "Metallurgy and mechanical engineering", "Communication, telecommunications and information technologies", "Production, installation, operation and repair (by industry)", "Communications, telecommunications and information technologies", etc. . must meet the following requirements:				
75.1	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 major disciplines in particular				
75.1.1	excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, etc.)		+		
75.1.2	carrying out separate lessons or the whole disciplines at the enterprise of specialization			+	
75.1.3	the use of workshops for conducting practical classes, solving practical problems relevant to enterprises in the field of specialization, etc.		+		
75.2	The pedagogical team involved in the EP should include practitioners with experience in enterprises in the field of specialization of the EP.		+		
<b>TOTAL</b>		0	3	1	
<b>TOTAL IN GENERAL</b>		10	62	14	