



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

on the results of the work of the external expert evaluation Commission
for compliance with the requirements of the standards of specialized accreditation of
educational programs:

0910000 "Electrical and Electromechanical equipment

SOE "Pavlodar machine-building College»

From 22 to 24 October 2018

Pavlodar 2018

INDEPENDENT AGENCY FOR ACCREDITATION AND RATING

External expert Commission

Addressed
Accreditation
the Council of the IAAR



Независимое агентство
аккредитации и рейтинга

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(I) A LIST OF SYMBOLS AND ABBREVIATIONS

THATC - The highest agro-technical College;

SOE - State-owned enterprise

ICT-information and communication technologies;

EP-educational programs

RK – Republic of Kazakhstan

MESRK – Ministry of education and science of the Republic of Kazakhstan;

SES-State obligatory standard of education;

TPE - Technical and professional education

MA-methodical Association

MTB-material and technical base

TUP-typical curriculum

WC-working curriculum

TC-typical curriculum

WC-working curriculum

CTP-calendar and thematic plan

EMC – Educational and methodical complex

IT- Industrial training

FSC –Final the state of certification

(II) INTRODUCTION

In accordance with the order No. 84-18-OD of 15.10.2018 of the Independent Agency for accreditation and rating of the PSC "Pavlodar machine-building College" at the Department of education of Pavlodar oblast, the expert Commission from 22 to 24 October 2018 assessed the compliance of activities and implementation of educational programs with the standards of institutional accreditation of IAAR.

The report of the external expert Commission (than-EEC) contains the conformity assessment activities of the College to the criteria of the standards of IAAR, the recommendations of the EEC to further improve the activities of the College and the parameters of the profile in SOE "Pavlodar machine-building College" under the Department of education of Pavlodar region.

Composition EEC:

1. The Chairman of the Commission Ualkhanov, Bijan Nurbayevich Turganov, the coach of the holding "Kasipkor", candidate of technical Sciences (Kokshetau);
2. Expert Ablayev, Marat Abdulkerimovich, Deputy Director for training and production work by GP "Zhitikary Polytechnic College" (Zhitikara);
3. Expert-Pavel Senkin, Deputy Director for training and production work of KSU "machine-building College of Petropavlovsk" (Petropavlovsk);
4. Expert Kargasekova Aliya Buturlinovka, Chairman of the Central Committee for processing and metallurgical disciplines Chu " Polytechnic College of Kazakhmys Corporation (Balkhash);
5. The observer from Agency-Bekenova Dinara Kairbekovna, the head of the project on accreditation of the organizations of technical and vocational education of IAAR (Astana);
6. Employer-Skorobogatov Yuri, head of the technological Department of the electric steel plant - 2 Pavlodar branch of LLP "KSP steel" (Pavlodar);

Student Konovalov Artem Sergeyeovich, student of the 3rd course of the specialty 1003000 "nonferrous metallurgy "SOE" Pavlodar College of nonferrous metallurgy " (Pavlodar)

(III) REPRESENTATION OF THE ORGANIZATION OF EDUCATION

The official name of the College is the Municipal state-owned enterprise "Pavlodar machine-building College" Of the Department of education of Pavlodar region. Pavlodar machine-building College is an educational institution of technical and professional education with a half-century history, which dates back to 1969 with a branch of Rubtsovsky machine-building College.

In the specialty 0910000 "Electrical and Electromechanical equipment" training is conducted in full-time state language - on the state educational order, approved by the akimat of Pavlodar.

The College carries out educational activities in accordance with the state license series 0024617 from 06 March 2009.

Duration of training and development of the educational program of technical and vocational education in the specialty 0910000 "Electrical and Electromechanical equipment" on the basis of basic secondary education – 3 years 10 months; on the basis of General secondary education – 2 years 10 months. Educational programs in this specialty are aimed at training specialists in accordance with the requirements of SES RK, model curricula and standard training programs. The educational program includes: working curriculum, working programs of academic disciplines, educational and industrial practice, calendar and thematic plan, schedule of the educational process, ensuring the implementation of appropriate educational technologies. All these types of documents were submitted to the EEC for review.

The total number of College 1 Sep 2018-2019 school year was 523,440 students study full-time and 83 student at the correspondence Department. In the specialty 0910000 "Electrical and Electromechanical equipment" 105 students study at the College.

The teaching staff consists of 54 teachers, of them having a master's degree – 9 people, with the highest category and the first category – 28 people(51.8 %).Two staff members study at a higher education institution (doctorate).The educational process in the specialty 0910000 "Electrical, Electromechanical equipment" (by type) in 2018-2019 academic year is carried out by 18 teaching staff, including the highest category and the first category -14 people (78%).

Educational building with a design capacity of 600 seats. Dining room for 70 seats, Assembly hall for 70 seats.

According to the existing technical passport, the total area of the educational building is 4270,2 sq. m. the Useful area is 2158 sq.m.

The structure of the College includes 3 departments (2 full-time, 1 correspondence) and 3PCC:General subjects; language disciplines; special disciplines. There is also a training, production, educational and methodical service, economic activity and material and technical service.

The College is working to develop cooperation with potential employers.

Companies that are the bases of practices for specialty 0910000 "Electrical and Electromechanical equipment", JSC "Aluminum of Kazakhstan", Pavlodar machine-building

plant branch of JSC "ERG Service", PF LLP "KSP Steel", LLP LRP "Alga a", LLP "Casting" LLP Plant, "Format", LLP firm "PBK".

From the total number of graduates (94 people) in the period from 2015-2016 to 2017-2018 academic year, 68 people (72%) were employed, 13 people (14%) continued their education in Universities, 11 people (12%) were drafted into the armed forces of Kazakhstan, 2 people (2%) left the Republic of Kazakhstan.

(IV) A DESCRIPTION OF THE PREVIOUS ACCREDITATION PROCEDURE

PSC "Pavlodar engineering College" at the Department of education of Pavlodar region for the first time undergoes the procedure of institutional accreditation of organizations of technical and professional education.

(V) A DESCRIPTION OF THE VISIT, THE EEC

The work of the EEC was carried out on the basis of the visit Program of the expert Commission on specialized accreditation of educational programs of the PSC "Pavlodar engineering College" at the Department of education of Pavlodar region in the period from October 22 to October 24, 2018.

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

Meetings of the EEC with the target groups were held in accordance with the specified program of the visit, in compliance with the established time period. On the part of the staff of the PSC "Pavlodar engineering College" at the Department of education of Pavlodar region was provided the presence of persons specified in the program of the visit.

To obtain objective information about the quality of educational programs and the entire infrastructure of the College, to clarify the content of self-assessment reports, meetings were held: with the Director, Deputy Director for SD, Deputy Director for BP, Deputy. Director of TPW, heads of departments, head of economic part, inspector of personnel, chief accountant, head of library, nurse, chairmen of ME, social teacher, psychologist, Executive Secretary of the selection Committee, teachers, master of industrial training, students, graduates, employers, social partners and parents of students. A total of 154 people took part in the meetings.

Table 1-Information on participants in meetings with the EEC

Category of the participants	Number
Director	1
Deputy Director	3
heads of departments	3
Methodist	2

Chief accountant	1
Head of economic part	1
Personnel Department	1
Librarian	1
Social pedagogue	1
Medical nurse	1
Executive Secretary of the selection Committee	1
Chairman of the Subject cyclic Commission	3
Teacher	18
Student	34
Graduate	49
Social partner	12
Parents of the students	22
Total	154

In the process of the EEC visual inspection of the College infrastructure was carried out: classrooms, laboratories, computer classes, library, reading room, Assembly hall, production workshops, gym, hostel, medical center, dining room.

Also studied the documentation of the Department implementing the accredited educational program.

On October 23, 2018, members of the Commission visited the practice bases: JSC "Aluminum of Kazakhstan", "Pavlodar machine-building plant "branch of JSC "ERG Service". A safety briefing was held for the members of the Commission. For safety reasons, during the tour, members of the EEC were given a special. clothing (vests, helmets and goggles).

We visited the foundry and mechanical shop in the areas of foundry and machining. Tour of the shop spent leading technologist of foundry and machine shop of Fazylbekov Eldar Zeinurvich. During a visit to this shop trained gr. F-15-9-1 specialty 1004000 "Foundry" were on technological practice. The trainees were engaged in the manufacture of rods, the manufacture of molds for balls, Stripping castings on the grinding machine. In this group of 17 people, among them JSC "Aluminum of Kazakhstan"- 10 pers., LLP "Format Mach Company"-3 pers., JSC mining and processing enterprise "Tort-Kudyk" -1 person(individual contract), the LLP "Gamma Taldykol" - 1 person (individual contract), the LLP "Formula bezopasnosti" - 1 person (individual contract), SP Tolegenov -1 person .(under the individual contract).

Also the electric power shop for the purpose of acquaintance of places of practical training in the specialty 0910000 " Electric and Electromechanical equipment" was visited.

According to the program, "Pavlodar machine-building plant" branch of JSC "ERG Service" was visited. Members of the Commission passed safety measures, received overalls. Tour jobs trainees of the College was conducted by the chief of mechanical shop Musabayev Asylbek Zharmagambetova. The mechanical shop, repair, Department of design Bureau was visited.

Pavlodar state University. Named after S. Toraighyrov PSU in cooperation with the College provides its educational auditor ally carry out laboratory and practical works.

At the time of visiting this facility in gr.TME.-16-9-1 in the specialty "technology of mechanical engineering" conducted laboratory work on the subject of metal-cutting equipment, teacher of the faculty of the Department of metal engineering, All 22 students were Present on the list. The group was divided into two subgroups: the first subgroup in number of 11 persons was carried out laboratory the work in the second subgroup of 11 people. – theoretical preparation for laboratory work. Lecturer Batkeev B. T. provided the members of the Commission work program calendar-thematic plan, lesson plan and instructions for laboratory work.

Members of the EEC attended training sessions on accredited educational programs. group lesson attended EEE -16-9-1 on discipline "Electrical theory negizderi" on "Kuat koeffitsienti". This discipline was conducted by the teacher of special disciplines Atymtayeva Ayagoz Amanzholovna. The lesson was attended by 17 students out of 20.

Also visited a lesson on the discipline " The Electrical cars " teacher of special disciplines Achieve Zana Kuralesova in the group EEE 16-11-1. The theme of the lesson: "Asynchrony any rent this principle," the lesson we used the following learning methods: problem-research and part-search. Students actively participated, performed practical tasks, answered questions i.e.

In the course of the lesson the teachers used classical and modern teaching methods. Due to the relevance and importance of the topic, students actively participated in the process of classes, asked questions and answered them.

Analysis of attendance shows good quality teaching staff, sufficient theoretical level of training. In the classroom teachers use modern learning technologies, using multimedia equipment. Systematically improve their skills. Analysis of activities of the staff College demonstrates the commitment of staff to improving quality development of the College.

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

As part of the planned program, recommendations for improving the activities of the College, developed by the EEC on the basis of the examination, were presented at a meeting with the leadership of the College.

The activities planned during the visit allowed the members of the EEC IAAR to conduct an independent assessment of the compliance of the data set out in the self-assessment reports of the College with the criteria of the standards of specialized accreditation.

A detailed analysis of the compliance of the activities of the College Standards specialized accreditation Independent Agency of accreditation and rating of the EEC allowed in the framework of the visit of the College allows to draw the following conclusions in the context of standards.



(VI) THE STANDARDS OF SPECIALIZED ACCREDITATION

6.1. Standard " Management of the educational program "

** The organization of technical and professional education demonstrates the development of the EP development plan, its focus on meeting the needs of the state, stakeholders and students.*

** The organization of technical and professional education should ensure the adequacy of the development plan for the available resources, the needs of the labor market and the educational policy of the Republic of Kazakhstan.*

** The organization of technical and professional education should involve representatives of groups of interested persons, including students, teaching staff and employers in the formation of the development plan of the EP.*

** The organization of technical and professional education demonstrates the transparency of the processes of formation of the development plan of the EP. The organization of technical and professional education provides stakeholders with information about the content of the development plan and the processes of its formation.*

** The organization of technical and professional education should determine the mechanisms for the formation and regular revision of the development plan of the EP and monitoring its implementation.*

** Organization of technical and professional education systematically collects, accumulates and analyzes information on the implementation of the EP and conducts self-examination in all areas, develops and reviews the development plan of the EP*

** The development plan of the EP is publicly discussed with representatives of all interested parties, on the basis of proposals and amendments of which the authorized collegial body of the organization of technical and vocational education makes changes to the project.*

** Organization of technical and professional education 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.*

• Management of the EP should include:

-management of activities through the process

- planning, development and continuous improvement mechanisms

- 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»

• *In the organization of technical and professional education should be documented all the main business processes governing the implementation of EP*

* *The organization of technical and professional education should demonstrate a clear definition of those responsible for business processes, a clear distribution of job responsibilities of staff, the division of functions of collegial bodies involved in the implementation of the EP*

* *The organization of technical and vocational education should demonstrate the procedure for approval, periodic review (revision) and monitoring of educational programs and documents regulating this process*

* *The organization of technical and professional education should ensure the availability and effective functioning of a system of information and feedback aimed at students, employees and stakeholders*

* *The management of the EP should demonstrate the successful functioning of the quality assurance system of the EP, including its design, management and monitoring, their improvement, decision-making based on the facts*

* *The management of the EP should provide evidence of transparency in the management of the educational program*

* *Organization of technical and professional education should demonstrate the presence and evidence of intensive use in the management of the EP system of collection and analysis of statistics*

* *The management of the EP should measure the satisfaction of the needs of the teaching staff, staff and students and demonstrate evidence of remedial action found in the measurement process*

* *The leadership of the EP should demonstrate evidence of openness and accessibility for students, teaching staff, parents*

Management and implementation of EP in the specialty 0910000 "Electrical and Electromechanical equipment" is carried out in accordance with the legal documents of the Republic of Kazakhstan and The strategic development plan of the College for 2016-2021. It States the mission, objectives and prospects of development aimed at the modernization of technical and vocational education, training and retraining of personnel for the agricultural sector of the region, the introduction of innovative technologies in the educational process.

On their basis, the priorities and tasks are determined, the activities of all structural units of the College are planned and organized, the prospects for further development are developed. In the formation of the mission, goals and objectives of the College took into account its human resources, as well as many years of experience in the educational sphere. The strategic goal of the program is related to the training of competitive mid-level specialists. The main goals of the OP are formulated in accordance with the strategic development plan of the PSC "Pavlodar engineering College" for 2016-2021, which contributes to the implementation of tasks aimed at improving the prestige of the system of technical and vocational education. The strategic plan of the College was considered and approved at the meeting of the Pedagogical Council, Protocol

No. 1 of 29 August 2016. The strategic plan provides for the development of tactical level plans and is the basis for the current planning of educational activities. However, due to the lack of implementation targets, it is difficult to monitor the implementation of the OP development plan and its effectiveness.

All activity of collective EP is directed to continuous improvement of quality of preparation of experts in the conditions of market economy, compliance to their international standards, needs and prospects of development of an industrial complex of the Republic of Kazakhstan.

The work plan of the Department for the new academic year, containing sections of educational, methodical, educational, educational and production work is developed on the basis of the analysis of the previous academic year. Planning of provision of material and technical resources is carried out by the accounting Department on the basis of purchase orders. On the basis of the General analysis of work of office problems are defined, ways of the decision are considered. The work plan of the Department for the academic year is considered at the meeting of the Board of the Department and approved by the Director of the College.

Educational programs correspond to the goals defined by the mission of the institution and the goals of technical and professional education:

- 1) formation of competencies required to obtain specific qualifications and improve the qualification level;
- 2) continuity and continuity of development of qualification levels from the lowest to the highest;
- 3) mastering by students the basic competencies corresponding to the level of qualification of a specialist, formed in the course of a holistic educational process;
- 4) mastering by students professional competences corresponding to the main types of professional activity.

The organization of educational process of EP in the specialty is carried out by fundamental documents: schedule of training sessions, schedule of educational process, EMC disciplines, materials of current, intermediate and final control, subjects of course and diploma works.

The content of the educational program provides for the study of General education, General humanitarian, economic, General professional, special disciplines, industrial training and professional practice for the acquisition and consolidation of professional skills.

The educational program aimed at vocational training includes the study of General professional and special disciplines; laboratory and practical training in General professional and special disciplines; the passage of industrial training and professional practice; the implementation of course and diploma design (works).

Educational practice is carried out in educational laboratories and workshops of the College under the guidance of a teacher of special disciplines and a master of industrial training.

Professional practice is conducted in the relevant organizations, workplaces provided by employers on the basis of the contract, and is aimed at the formation of professional

competencies. Terms and content of professional practice are determined by working curricula and working training programs.

Mastering in the framework of the educational program the optimal amount of knowledge and the possibility of in-depth study of individual disciplines contributes to the formation of the graduate's necessary competencies in solving practical problems. In this case, a special role is played by the actualization of interdisciplinary knowledge and the formation of the ability to integrate scientific approaches used in various fields of knowledge, the practical application of the acquired knowledge.

Interaction with employers takes place in the course of the organization of practices: interviews are conducted, the company provides a description of the student, which reflects the information about the formation of professional skills and competencies, noted strengths and weaknesses of training.

Short-term planning includes: EP plan, ME plans, WC, calendar-thematic plans, individual teachers plans, lesson plans.

The plans are in line with the policy and strategy, are defined by the organizational structure, staffing and are aimed at ensuring the implementation of key processes. The College administration is constantly working to improve the structure and content of the plans, as well as the forms of reporting on their implementation.

Teachers are directly involved in the development of working training programs and implement them through the use of educational and methodical complexes of disciplines, the use of traditional methods and forms of education in the educational process.

Each methodical Association of accredited EP works on its methodical theme, which has a connection with the methodical theme of the College.

Activity of methodical associations is defined by the provision opening the main tasks, functions, the rights and duties of members of ME.

Assessment of learning outcomes takes the form current, intermediate, intermediate and final controls.

The College conducts timely analysis of student performance and activities to improve academic performance and attendance.

The distribution of responsibility and authority is determined by internal regulations, plans, orders, job descriptions and regulations on the units.

The documents defining the powers and responsibilities of the staff involved in the implementation of the EP, necessarily communicated to the stakeholders. the structure of the divisions of the College are defined in the provisions of the relevant departments.

Management of EP is carried out by the educational, methodical, scientific, educational management of College and a number of administrative documents are used: decisions of collegial bodies, orders of the Director in the directions of activity, documents on staff, planned, analytical, reporting, financial and other documents.

For the educational process in the specialty 0910000 "Electrical and Electromechanical equipment" there are offices, laboratories and workshops.

The College has offices for testing, library (subscription and reading room, book Depository, gym). There is a canteen for students' catering, a first-aid post for primary health care and pre – medical care. Sports facilities include a gym.

The College organized a system of collection and analysis of statistical data in the form of monthly reports of curators on attendance and performance, the results of the intermediate, semester and final certification of students. Representatives of students have the opportunity to make a complaint or complaint.

During the visit of the EEC, the collected data indicate that the vast majority of students (94.4 %) are fully satisfied with informing students about courses, educational programs and academic degrees. At the same time, the vast majority of teachers believe that the mission and strategy of the College is successfully reflected in the training programs and evaluation procedures (total average 98%). Also, 100% of teachers said that they can successfully use their own strategies in the learning process. At the same time, 98% of the surveyed students are satisfied with the overall quality of curricula and teaching methods in General.

A survey of teachers conducted during the visit of the EEC IAAR, showed that involvement in the process of managerial and strategic decision – making is-100%. At the same time, there are teachers who are not satisfied with the level of opportunity of the IPR to combine teaching with applied activities and research -9%.

The collected data indicate that the vast majority of students (97 %) are fully satisfied with the level of implementation of these rules and strategies of the EP.

Analyzing the work on the standard "Management of the educational program", it can be noted that the level of success of the educational program is determined primarily on the basis of the goals and development plan of the EP, which, accordingly, should be as transparent as possible, available to all stakeholders. Summing up, it can be noted that this task could be fully implemented through a systematic analysis of information on the implementation of the EP, self-examination in all areas and periodic review of the development plan of the EP. At the same time, to improve feedback in the process of measuring the degree of satisfaction of the needs of the teaching staff, staff and students, it is necessary to develop effective mechanisms for identifying and eliminating shortcomings if they are found.

The EEC notes that special attention is paid to the following items in the educational institution according to this standard:

- the organization of technical and professional education demonstrates the development of the development plan of the EP, its focus on meeting the needs of the state, stakeholders and students;
- management of the EP includes monitoring, reporting processes to determine the dynamics in the activities and implementation of plans.

In order to develop and improve the activities of the College for the implementation of accredited educational programs, EEC IAAR recommends:

- ensure the participation of representatives of groups of interested persons, including students, teaching staff, and employers in the formation of the development plan of the EP (specify the author's team, the fact of consideration of the plan by a collegial body, specialists of social partners);
- ensure the functioning of the process of analysis of the accumulated information on the implementation of the EP, self-examination in all directions and periodic review of the development plan of the EP (to determine the targets for the implementation of the development plan of the EP and to develop measures to achieve indicators of results, to determine the causes of non-fulfillment of tasks, to develop corrective actions to prevent the repetition of non-fulfillment of the task);
- establish a process of analysis and communication to stakeholders about the opportunities and measures to address the shortcomings found in the measurement of satisfaction of the needs of the teaching staff, staff and students;
- when documenting the main business processes to adhere to the form of documents of strict reporting in accordance with the requirements of the legislation;
- implement an internal quality assurance system for EP;
- to strengthen the work on processing and systematization of the system of collection and analysis of statistical data in the processes of EP management (to carry out forecasting and regulation at all stages of EP implementation using statistical methods of quality management).

EEC notes that the special profile of the College in accordance with this standard contain a 2 – horsepower, 12 – satisfactory positions and 8 positions in need of improvement.

6.2. Standard " Specificity of the educational program"

- * *The organization of technical and professional education should demonstrate the presence of the developed models of the graduate of the educational program, including knowledge, skills, basic and professional competence, personal qualities*
- * *The organization of technical and professional education should provide evidence of the participation of the teaching staff and employers in the development of EP, ensuring their quality*
- * *Organization of technical and professional education 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*
- * *The leadership of the EP should demonstrate the presence of a professional context in the content of academic disciplines*
- * *The leadership of the EP should demonstrate an effective balance between theoretical and practice-oriented disciplines*

** The list and content of disciplines should be accessible to students. Discipline should deal exhaustively with all the issues, the problems existing in the teaching field*

** The structure of the educational program should include 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 updating of educational programs taking into account the interests of employers*

Evaluation criteria: individualization of the EP

** The leadership of the EP should ensure equal opportunities for students, including regardless of the language of instruction*

** The leadership of the EP should ensure the availability and effective functioning of the system of individual assistance and counseling students on the educational process*

** Management creates the conditions for the effective development of the EP*

** The leadership of the EP should demonstrate the use of the benefits, individual characteristics, needs and cultural experience of students in the implementation of the EP*

• Manual OP must demonstrate individual support of students during the implementation of EP

** The management of the EP must prove the existence of a system for monitoring the achievements of students*

Evaluation criteria: evaluation results of students

** The management of the EP should ensure that a mechanism for objective, accurate and comprehensive evaluation of learning outcomes is in place and functioning effectively*

** The management of the EP should ensure the objectivity of evaluation of learning outcomes and the degree of formation of basic and professional competencies of students, transparency and adequacy of tools and mechanisms for their evaluation*

** The management of the EP should ensure that the procedures for assessing the level of knowledge and skills of students are consistent with the planned learning outcomes and program objectives*

** The management of EP shall carry out diagnostics of knowledge, abilities and skills trained at the beginning of training on the course and studying of educational disciplines*

** Processes and criteria for evaluating learning outcomes should be transparent*

** The leadership of the EP should ensure the formation of students' skills to continue learning at the following educational levels*

Evaluation criteria: teaching methods

** The leadership of the EP should ensure the systematic development, implementation and effectiveness of active teaching methods and innovative teaching methods*

** In the implementation of the educational program should be monitored independent work of the student*

** The management of the EP should provide an opportunity for industrial training and professional practice in the specialty / qualification of students and monitor the satisfaction of students, managers of enterprises-places of practice and employers*

** The management of the EP should ensure the implementation of the results of practical achievements of teachers in the educational process*

Educational program in the specialty 0910000 "Electrical and Electromechanical equipment", implemented in the state enterprise "Pavlodar engineering College", developed in accordance with the model curriculum and standard training programs (Order of the Ministry of education and science of June 15, 2015 № 384).

Work curricula and work curricula for special subjects and practices are developed with the direct participation of employers, however, their changes and proposals are not reflected in the explanatory notes of these documents.

The quality of educational services for the formation of professional competence of future specialists corresponding to the qualification framework and meeting the needs of the market is confirmed by the following facts:

- graduates are in demand and successfully employed in the production;
- high interest and involvement of enterprises in the educational process of the College.

At the meetings of the pedagogical council were considered and taken into account all the proposals on competencies that should have a graduate. When developing the model of the specialist, the necessary personal, professional and social qualities were taken into account. In addition to these qualities in the development took into account the intelligence and healthy lifestyle of the graduate.

On the declared specialty according to the working curriculum teachers make working training programs which are discussed at meetings of EO, are approved by the Director of College. The calendar-thematic plan (CTP) is made by teachers on the basis of working curricula and approved by the Deputy head on UR.

A special role in the formation of theoretical knowledge, practical skills in the curriculum of disciplines assigned to practical training and assignments, including diploma, course projects or works. Topics of diploma and course projects are considered at the CMC meeting, the topics of diploma projects are approved by the Deputy head of SD. To help students are offered guidelines for the implementation of course and diploma works (projects). The structure of the course work consists of theoretical and practical parts.

On the basis of normative documents and developed regulations, the College organizes the current monitoring of progress, intermediate and final certification. Systematic monitoring of

progress is carried out according to the work plan of the College. The results of internal control are considered at the pedagogical Council, management Council, departments, meetings of class teachers, meetings of CMC.

The College has a common practice of assessing the volume and form of work performed, rather than the level of achievement of students, which reduces the activity and motivation of students.

The schedule of control of knowledge of students is made for academic year. Quality control of students' knowledge is carried out by means of midterm, intermediate and final certification of students in the form of examinations, tests, examinations, qualification examinations, protection of course and diploma projects.

The list of disciplines and the form of interim certification are determined by the working curriculum of the OP, are included in the schedule of the educational process at the beginning of the school year. Interim certification of students is carried out in the form of control work, protection of course projects, tests and exams.

Monitoring of performance of day-care graduation groups

№	The name of the specialty	2015-2016 study year			2016-2017 study year			2017-2018 study year		
		Abs. per	Qual .kn	Aver. score	Ab per	Qual .kn	Av. score	Ab pr	Qual .kn	Aver. score
1	0910000 "Electrical and Electromechanical equipment" by types	100	51	3,6	100	27	3,3	---	----	-----

The form of final certification for students of specialty 0910000 "Electrical and Electromechanical equipment" provides protection of the diploma project.

To carry out the final certification, a certification Commission is created, which includes qualified specialists of organizations of social partners corresponding to the profile of the specialty.

The meeting of the commission is made out by the Protocol which is signed by the chairman, members and the Secretary of the commission. The chairman of the commission within two weeks upon completion of the assessment is a report on the results of the appraisal.

Students who have successfully passed the final certification, issued a state diploma with a qualification corresponding to the profile of the specialty.

When implementing the EP, the individual characteristics of students are taken into account, where the main parameters for the formation of competencies and learning outcomes are:

1. ability to specialize in professional activities, ability to plan future professional development;

2. social joint professional activity and interaction, familiarity with social approaches in the food industry, a sense of social responsibility for the results of their work.

However, teachers in the classroom use traditional forms of organization of independent work of students, which often do not take into account the individual characteristics of students.

Terms and content of professional practice are determined by the working curricula and programs.

Educational practice is carried out in educational laboratories and workshops under the guidance of a teacher of special disciplines.

Professional practice is conducted in the relevant organizations, workplaces provided by employers on the basis of the contract, and is aimed at the formation of professional competencies.

Bases of practical training are the organizations corresponding to a profile of the trained specialty (or the related organizations):

JSC "Aluminum of Kazakhstan", JSC Pavlodar machine-building plant branch of "ERG Service", PF LLP "KSPSteel," LR LLP "Alga ", LLP "PZ-Imstalcon", PF LLP "Casting" LLP Plant, "this", LLP "PBK".

When sending students to professional practice, tripartite agreements are concluded (organization - College-student), direction is issued with the name, duration of practice, work plan-schedule of professional practice, diary-report on the passage of professional practice. Work schedule of professional practice is agreed with the head of the enterprise (organization, enterprise, institution) – base practice. With students in school and on production has been briefed on the compliance of safety regulations and labor protection, rules and regulations in force in the enterprise.

Control over the passage of professional practice is carried out by teachers of special disciplines assigned to each practice by order of the College.

Monitoring of professional practice is carried out by the Deputy Director for training and production work on the basis of the Protocol, reports and statements of results.

Satisfaction with the training of students can be seen in the characteristics of managers from the bases of practices.

The college attention to the formation of a list of practice bases, where managers are responsible for the organization of practice of students. Wishes and comments of partners are taken into account in further training of students.

Educational components of the EP are aimed at instilling national values, the formation of patriotism and citizenship, the development of diverse interests and abilities of students. Every year the team takes part in regional events of cultural, Patriotic, intellectual direction. The format of such events is different: excursions, conferences, round tables, promotions, forums, meetings, etc.

In order to create conditions for the disclosure of the personal potential of students and support gifted in the college there are 4 clubs and 3 sports sections. Their activities are regulated by the regulations on the work of clubs and sections.

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

- the level of availability and responsiveness of management is estimated as high-97%;
- availability for counseling on personal problems is estimated-100%;
- the level of satisfaction with the educational resources of the college-100%.

Analyzing the work on the standard "Specificity of the educational program", it can be noted that the professional training of qualified specialists depends largely on the quality of educational programs that meet the qualification framework of educational levels and the requirements of the labor market. Summing up, it can be noted that this task could be fully implemented through the activation of independent work of students in the development of the educational program, taking into account their individual characteristics and the functioning of a documented procedure for assessing learning outcomes.

The EEC notes that special attention is paid to the following items in the educational institution according to this standard:

- the management of EP provides passing of industrial training and professional practice trained in the specialty and monitors the satisfaction of students, heads of enterprises – places of practice and employers.

In order to develop and improve the activities of the College for the implementation of accredited educational programs, EEC IAAR recommends:

- in the development of curricula and working training programs include in the list of coordination of specialists of enterprises on specialization(reflect in the working curricula and working training programs on special subjects and practice changes and suggestions of employers);
- to activate the independent work of students in the development of the educational program, taking into account their individual characteristics (to develop a system of differentiated tasks);
- develop a documented procedure for evaluating learning outcomes;
- ensure the transparency and adequacy of tools and mechanisms for assessing learning outcomes, as well as the conformity of procedures for assessing the level of knowledge, skills and abilities of students with the planned learning outcomes and goals of the program.

The EEC notes that the specialized profile of the College according to this standard contains 1 strong position, 17 – satisfactory and 6 suggest improvement.

6.3. Standard " Teaching staff and effectiveness of teaching"

- *For the implementation of educational programs, the management of the EP should involve practitioners and determine the proportion of disciplines they read*

- * The leadership of the EP should motivate the teaching staff to constantly apply innovations in the educational process*
- * The management of the EP should demonstrate the compliance of the staff potential of the teaching staff to the specifics of educational programs*
- * The organization of technical and professional education should demonstrate the public availability of information about the teaching staff*
- * The management of EP should provide monitoring of activity of pedagogical collective, a systematic assessment of competence of teachers, a complex assessment of quality of teaching*
- * The workload of teachers should include a variety of activities. The management of EP has to show proofs of performance by teachers of all types of the planned loading*
- * The leadership of the EP should provide targeted actions for the development of young teachers*
- * The leadership of the EP should demonstrate mechanisms to stimulate professional and personal development of teachers and employees*
- * The management of the EP should monitor the satisfaction of the teaching staff*
- * The management of the EP should demonstrate the 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 personnel policy is implemented in accordance with the main priorities of the College development Strategy and corresponds to modern trends in the field of work with human resources. Employment and distribution of duties is carried out in accordance with the qualification characteristics of the positions of employees of technical and vocational education organizations.

The staff list of the College was developed in accordance with the decree of the Government of the Republic of Kazakhstan dated January 30, 2008 № 77 "on approval of Standard staff of employees of state educational organizations and the list of positions of teachers and equivalent persons" (as amended on December 31, 2013 № 1487).

When hiring young professionals practiced mentoring, annually planned and conducted training through courses. Personnel potential is replenished at the expense of Universities of Pavlodar region and others. the Average age of teachers is 39 years.

Every year on September 1 of the new school year issued an order for the College to consolidate the teaching load for each teacher for the school year. In accordance with the order, teachers are given tariff sheets, which reflect the study groups, subjects, teaching load for semesters (in hours), taking into account the main and additional time. Comprehensive planning of all types of teaching load is observed: theoretical classes, practical classes, management of various types of professional practices, course and diploma design, participation in the work of certification commissions. Accounting for the implementation of the load is carried out in the

form according to the instructions, then the data are recorded in the form of annual accounting hours issued by the teacher.

Monitoring of activity of pedagogical collective, systematic assessment of competence of the teacher and complex assessment of quality of teaching is tracked in the following directions: personal growth (rating), level of methodical work of the teacher (the report on the plan of self-education), level of pedagogical and methodical skill (portfolio of the teacher).

The College introduced a rating system of teaching activities of the teacher, which determines the degree of activity of the teacher, the growth of his skills.

Teachers take an active part in various pedagogical competitions, events of different levels, seminars and scientific conferences.

Effectiveness of participation of College teachers in scientific conferences

Level of participation	Study year			Total
	2016-2017	2017-2018	2018-2019 I Semester	
International	2	7	5	14
Republican	2	10	4	16
City	6	13	10	29
Total	10	30	19	59

Monitoring of teachers' satisfaction with working conditions is carried out through questionnaires (types of questionnaires: "Satisfaction with the possibility of training", "degree of satisfaction with the availability of information from various sources", "Problems of the educational process requiring priority solutions", "Satisfaction with various aspects of professional activity", etc.).

The survey of PS conducted during the visit of EEC IAAR showed that:

- the entire teaching staff is satisfied with the content of the educational program, the use of their own methods in the learning process and the support of the College and its leadership in research initiatives;

- 90.9% of teachers believe that the management and administration of the College fully accept criticism;

- 86.4% are fully satisfied with the balance of the academic load in terms of semesters;

Of 13.6% sometimes faced with the overcrowding of groups;

40.9 per cent are sometimes faced with the unavailability of the necessary books in the library;

- 35% of their activities are faced with a lack of technical means in the classroom.

The survey of students conducted during the visit of EEC EAAR showed that all students are fully satisfied with the relationship between the student and the teacher, the objectivity and fairness of teachers, the presentation of the teacher material in an interesting way, the objectivity and fairness of teachers, the possession of the teacher teaching material and relations with the Department.

Analyzing the work on the standard "Teaching staff and the effectiveness of teaching", it can be noted that a high representation of pedagogical skills is determined by a constant level of training. Despite the high qualification rate of teachers, it is necessary to strengthen the work on the study of foreign languages to bring into line with the specifics of educational programs. The College has created conditions for the use of innovative methods and forms of teaching by the teaching staff, while the management needs to intensify the monitoring and evaluation of the effectiveness of the introduction of modern information technologies and innovative methods of teaching and learning.

The EEC notes that special attention is paid to the following items in the educational institution according to this standard:

- the personnel potential of the teaching staff is fully consistent with the specifics of educational programs;
- information about the teaching staff is available to the public;
- the workload of teachers includes various activities;
- teachers perform all types of planned load;
- the management of EP provides purposeful actions for the development of young teachers;
- the teaching staff demonstrates IT-competence and actively applies innovative methods and forms of education;
- teaching staff takes an active part in the life of society

In order to develop and improve the activities of the College for the implementation of accredited educational programs, EEC IAAR recommends:

- to activate the system of monitoring and evaluation of the effectiveness of the introduction of modern information technologies and innovative methods of teaching and learning.

The EEC notes that the specialized profile of the College according to this standard contains 6 strong positions and 5 satisfactory ones.

6.4. Standard " Students"

** The leadership of the EP should demonstrate the policy of forming a contingent of students of the EP and the transparency of its procedures*

** The leadership of the EP should demonstrate awareness of the main roles (professional, social) of students 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 EP management should make maximum efforts to provide graduates with employment and maintain communication with graduates
- * An important factor is the monitoring of employment and professional activities of graduates
- * The leadership of the EP should actively encourage students to self-education outside the main program (in the framework of extracurricular activities)
- * The EP guide should provide an opportunity for learners to share and Express their views
- * The management of the EP should establish a mechanism to monitor the satisfaction of students with the organization's technical and vocational education in General and individual services in particular
- * The management of the EP should demonstrate the functioning of the feedback system, which includes the rapid presentation of information on the results of the evaluation of training results

The policy of formation of the contingent of students is to accept graduates of the 9th grade on the basis of basic secondary education from secondary schools in Pavlodar in accordance with the state order on the results of CTA with a training period of 3 years 10 months.

During the last years of the reporting period, it is possible to note the dynamics of the increase in the contingent in the specialty 0910000 "Electrical and Electromechanical equipment", despite the fact that the admission to the day Department has decreased. This is due to the growth of the contingent in the correspondence Department and the reduction of dropout.

Contingent on the specialty of the cluster for the last three years

Name	Contingent of students, people								
	2015-2016г.			2016-2017г.			2017-2018г.		
	Total	State order	Students on the a paid basis	Total	State order	Students on the a paid basis	Total	State order	Students on the a paid basis
0910000 "Electrical and Electromechanical equipment"	54	54		66	63	3	67	65	2

Admission to the college is carried out in accordance with the standard rules of admission to training in educational institutions implementing educational programs of technical and

vocational education, approved by the government of the Republic of Kazakhstan dated January 19, 2012 № 130.

Informing students about the requirements of educational programs and the specifics of their implementation takes place in the course of counseling students in the admissions office, in the process of career guidance during the school year. More specific information students receive on the college website: pmk_kolledg@mail.ru

Reports on the results of career guidance, the quality of career guidance are heard at the meetings of the pedagogical council, analyzed, conclusions are made and suggestions are made to improve the quality of career guidance

The college has a system of social support for the period of education of orphans and children left without parental care and under guardianship.

Social assistance is provided to the following categories:

1. Orphans who are studying by the state order:

- grant of scholarships (on the basis Of the rules of appointment, payment and size of state scholarships to students in educational institutions, Annex To the decree of the Government of the Republic of Kazakhstan dated February 28, 2012 № 266, approved by the government of the Republic of Kazakhstan dated February 7, 2008 № 116);
- issuance of clothing (on the basis of the Rules of social assistance to citizens who receive social assistance, approved by the government of the Republic of Kazakhstan dated March 12, 2012 № 320);
- issuance of free hot meals (on the basis of the Rules of social assistance to citizens who receive social assistance, approved by the government of the Republic of Kazakhstan dated March 12, 2012 № 320);
- payment of compensation for travel (on the Basis of the rules for providing preferential travel for students on the basis of the state educational order in secondary and higher professional educational institutions among young people through the payment of compensation, approved by the government of the Republic of Kazakhstan dated July 18, 2005 N 736).

The management of EP constantly keeps in touch with the parents of students in addressing issues related to attendance, academic performance and discipline of students. Conducted individual interviews, group communication through WhatsApp and social networks.

Absolute progress of students of EP in the current year in the specialty 091000 "Electrical and Electromechanical equipment" is 100%. The quality of knowledge is 66%.

Absolute academic performance and attendance are analyzed by the curator. Monthly class teachers submit reports to the heads of the department. On the basis of these data, information and explanatory work is carried out with students.

The college conducts systematic monitoring of the quality of students ' knowledge, which begins with the admission of the student to the college and ends with the final certification.

The educational activity of the College is carried out in accordance with the Law of the Republic of Kazakhstan "on education", the State program of development of education and science for 2016-2019, the government of the Republic of Kazakhstan Dated may 17, 2013 № 499 " on approval of the Standard rules of educational institutions of the relevant types, including the Standard rules of educational institutions, implementing additional educational programs for children" and the Order of the Minister of education and science of the Republic of Kazakhstan dated September 11, 2013 № 369 "on approval of Standard rules of activities of types of organizations of technical and vocational, post-secondary education", Decree of the Government of the Republic of Kazakhstan dated August 23, 2012 № 1080.

The management of EP makes the maximum effort for employment of graduates and maintenance of communication with graduates. For the purpose of employment of graduates work on the analysis and forecasting of demand in the labor market is carried out. Graduates annually take an active part in the district job fairs, which are attended by representatives of various companies and organizations that provide real employment opportunities for graduates. The issue of employment of graduates is under constant control of the deputy director for training and production work. Monitoring of employment of graduates is based on the provided certificates of employment for each graduate. Many graduate students receive job offers during professional practice, as well as at meetings of commissions on the results of the defense of theses.

Support for gifted students in the College is carried out through participation in subject Olympiads, competitions, conferences of various levels, awarding the best students, placement on the stands of departments.

Students take an active part in projects and competitions at various levels. Participation of students in competitions and conferences allows to identify, develop and support the creative abilities of students, to prepare competitive professionals ready for creative work.

The College has a "Trust Post" to provide effective feedback. Have student leaders have groups in social networks and group WhatsApp for feedback with students and parents.

The College has a youth committee. The youth committee consists of the most active students from all groups. They participate in activities to prevent crime and anti-corruption risks, charity events, attend various seminars and city events.

During the training of students in the framework of the EP, the college management has the opportunity to communicate with each other both in a direct format and in a virtual environment.

The college has a feedback system, which includes the operational presentation of information on the evaluation of learning outcomes. Information on the results of the assessment of their knowledge, skills, basic and professional competencies students receive:

- from subject teachers during the educational process in the form of assessments reflected in the journal of theoretical education;
- in the test, examination sheets;
- in student's record books;

- at meeting in groups following the results of certification, semester, year.

The college holds meetings of the administration with the students of the college, thanks to which it is possible to make proposals to improve the conditions of the educational process. At these meetings, any acute and topical issues are discussed openly and constructively, the problems that have arisen are promptly resolved.

According to the standard "Students" it can be noted that the result of high-quality implementation of EP and professional training of a qualified specialist is employment. In General, work with students is carried out at a high methodological and practical level.

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

- 100% are fully satisfied with the promotion of the educational environment of collegiality, mutual respect, support of educational materials in the learning process, the quality of teaching;
- 100% fully satisfied with the availability of counseling on personal issues, the fairness of exams and certification;
- 97.2% are fully satisfied with the explanation before entering the rules and strategy of the educational program (specialty);
- 100% fully satisfied with the academic load/requirements for the student, timely assessment of students, as well as the speed of response to feedback from teachers regarding the educational process.

The EEC notes that special attention is paid to the following items in the educational institution according to this standard:

- the management of EP demonstrates the policy of formation of the contingent of students of OP and transparency of its procedures;
- EP management takes the necessary amount of effort to provide graduates with employment and maintain communication with graduates;
- the management of the EP monitors and evaluates the employment and professional activities of graduates.

In order to develop and improve the activities of the College for the implementation of accredited educational programs, EEC IAAR recommends:

- to strengthen the role of student activists in various spheres of social life of the college, as well as in the decision of the pedagogical council.

The EEC notes that the specialized profile of the College according to this standard contains 3 strong positions and 7 satisfactory.

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

** The EP guide should ensure that students have access to as much structured, organized information as possible on the subjects taught: for example, presentation materials, lecture notes, mandatory and supplementary literature, practical exercises, etc.*

** Educational equipment and software used for the development of educational programs should be similar to those used in the relevant industries and meet the requirements of safety in operation*

** Organization of technical and professional education creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and capabilities of students*

** The organization of technical and professional education should create conditions for the development of applied skills of students and teaching staff in the disciplines studied and the possibility of implementing these skills in competitions and competitions or in any other way in practice*

** The organization of technical and professional education should assess the dynamics of the development of material and technical resources and information support of EP*

• The organization of technical and professional education should create a learning environment for the EP, which includes::

** technological support of students and teaching staff in accordance with the specifics of the educational program*

** academic accessibility-students have access to personalized educational resources*

** academic advice - there are personalized educational resources that help students*

** professional orientation-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*

** Fund book, including the fund of educational and methodical literature on paper and electronic media, periodicals in the context of learning languages*

** free access to educational Internet resources*

** The management of the EP 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 on the basis of ICT*

• Manual of the EP should demonstrate reflection on the web-site information characterizing of EP

The material and technical base of the college is a necessary condition for the functioning and implementation of the strategic plan. The main purpose of strengthening the material and technical base of the college-the creation of optimal conditions for the educational process, by equipping the necessary material, technical and educational equipment, creating safe conditions for students and staff, compliance with sanitary and hygienic regime, fire and electrical safety measures. The college is poorly established work on periodic evaluation of the equipment used in the learning process for compliance with the requirements of employers, as well as the dynamics of the development of material and technical resources and information support of the EP.

For college students created conditions for learning, living, leisure. Students and teachers of the College are provided with free access to educational Internet resources through high-speed access to wired Internet.

interactive equipment, 9 multimedia projectors.

All interactive boards, projectors are used by teachers College has a working website, which operates in the state and Russian languages.

In the educational process, computers are used, there is a common local network with an Internet connection, the average speed-10 Mb / s. The total number of computers in College – 94.

In the educational process of the college are used 2 sets for lessons and extracurricular activities.

To carry out educational activities, the college has one academic building. Total area – 4270,2 sq. m. class rooms include 24 classrooms, 8 laboratories, 7 workshops, 1 library.

The educational building of the college is equipped with fire extinguishing means: fire extinguishers, fire alarm and warning systems, video surveillance. Teachers keep safety journals to account for instructing students in classrooms and when working with PCs and equipment. Computer rooms are equipped with fire extinguishers and memos to work with them. Annually work on-site training.

Every year, a plan of public procurement for the acquisition and updating of material and technical base, as well as the fund library, educational and methodical association and other information resources, on the basis of which the accounting department of the college purchases.

For implementation of EP there is a library:

1. The total area of the library is 100 square meters.mmm.
2. All information space of the library is divided into two zones: reading room (for 10 seats), subscription (Fund of educational, methodical, fiction and reference books on specialty 0910000 "Electrical and Electromechanical equipment"-3423 copies.).

The collection consists of publications of primary literature in the disciplines of social and Humanities and natural, technical, economic.

The library Fund is actively used in the educational process, as well as in the preparation of various thematic information materials and presentations, extracurricular activities.

The library is a regular and active participant in the traditional weeks of departments and subject weeks: selection of literature, design of thematic book exhibitions, organization of views and literature review, participation and assistance in conferences, round tables, seminars and other events.

The medical center is located on the first floor of the college building and covers an area of 60.9 square meters. Medical and technical support of the medical office meets the regulatory requirements. Annually cosmetic repair of rooms is carried out. Medical point college licensed 08.06.2006 year № 17001902. Staff member one - a nurse has a specialist certificate issued by 04.07.2017, No. KZ74NBM00654426.

For sports and recreation activities there is 1 gym with an area of 266.2 sq m, a gym with an area of 94 sq. m, equipped with a treadmill, universal machine, weight machine, bench press the abdominal muscles and the back and other sports equipment; gymnastic hall with an area of 13.7 sq. m.; tennis hall with an area of 57.8 sq. m.

Hot meals for students are organized in the student canteen with a design capacity of 70 seats. Educational activities are held in the auditorium of the College.

Computer rooms are available to students for use in educational and research work. However, the College has limited opportunities for students to obtain information on the subjects taught, be it presentation materials, videos, lecture notes, test and evaluation materials, practical tasks, etc.

Methodological support of the educational process is carried out in the following areas:

- didactic equipment of the lesson;
- development of control and test tasks, manuals and recommendations;
- use of standard printed manuals, computer programs.

Technological support of teachers is carried out through the provision of computer equipment, classrooms with multimedia equipment, specialized classrooms; through the provision of technical assistance in the design of electronic textbooks, test tasks, the creation of an electronic portfolio. Students are provided with advice in finding information for various competitions, projects, selection of books and materials on the topics of course and diploma works.

For the effective management of training programs, work is underway to ensure the collection, analysis and dissemination of information. One of the types of information collection is a survey among students and teachers. The management of EP needs to intensify work on the analysis of the information received at questioning and to carrying out actions by results of analytical data.

According to the strategic development plan, the college continues to work to strengthen the material and technical base and introduce new information technologies and improve skills.

Analyzing the work on the standard "Resources used in the implementation of educational programs", we can note the positive dynamics of the growth of the college equipment with

material, technical and information resources. However, the planning and strengthening of the college's ITB is weakly based on the resources and capacities of the social partners. The leadership of the EP not using the evaluation mechanism of the equipment used in the learning process for compliance with the requirements of employers. Summing up, it can be noted that the success of the educational programs to a greater extent could be implemented in the replenishment of educational resources, taking into account the requests of production, Fund book, educational and scientific literature on the specialty in the Kazakh language, as well as through the provision of accessibility for students of educational and methodical complexes of disciplines.

A survey of teachers conducted during the visit of EEC IAAR, that teachers showed never face:

The EEC notes that special attention is paid to the following items in the educational institution according to this standard:

- organization and holding of competitions in order to attract students to production activities.

In order to further develop and improve the activities of the College for the implementation of accredited educational programs, EEC NAAR recommends:

- to work out with social partners the mechanism of marketing research aimed at determining the equipment and software used in the relevant industry EP;
- periodically commission to assess the equipment used in the learning process for compliance with the requirements of employers;
- to develop a set of measures to strengthen the material and technical base, as well as to assess the dynamics of the development of material and technical resources and information support of EP;
- to provide laboratory and practical classes and training practices in the laboratories of the workshops equipped with the equipment corresponding to the specialization of OPI allowing students to master the necessary professional competence (use of training sites of third-party organizations, for example PSU named after S. Toraigyrov and partner companies);
- increase the share of multimedia and language laboratories used in the educational process (use of classrooms of third-party organizations, such as PSU. named after S. Toraigyrov for training with use of multilingualism);
- to provide college students with access to a more modern database, as well as to ensure the availability of specialized literature in the state language and foreign languages (for example, the conclusion of contracts with third parties for the use of the their fund library).
- ensure that students have access to the maximum possible amount of structured, organized information on the subjects taught: for example, presentation materials, videos, lecture notes, test and evaluation materials, practical tasks, etc.

The EEC notes that the specialized profile of the College according to this standard contains 9 satisfactory positions and 6 positions require improvement.

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

Evaluation criteria depending on the direction of the EP

EDUCATION/SOCIAL SCIENCES, HUMANITIES, ECONOMICS, BUSINESS AND LAW, SERVICES/NATURAL SCIENCES, AGRICULTURAL SCIENCES, TECHNICAL SCIENCES, AND TECHNOLOGY/ARTS

Accredited EP include disciplines and activities aimed at gaining practical experience and skills in the specialty in General and core disciplines in particular:

1. excursions to enterprises in the field of specialization;
2. provisionally of classes specialization;
3. the use of workshops for practical training, solving practical problems relevant to enterprises in the field of specialization.

The teaching staff involved in the implementation of OP includes practitioners with experience in the field of OP specialization.

The content of all disciplines of the educational program is based and has a clear relationship with the content of fundamental General and natural Sciences. Fundamental natural science training of students is designed 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 under certain conditions contributes to improving the quality of the educational process and the formation of readiness for professional activities, the formation of information modeling skills, the needs of continuing education.

For practical skills training contracts with bases of practices: JSC "Aluminum of Kazakhstan", Pavlodar machine-building plant branch of JSC "ERG Service", PF LLP "KSP Steel", LLP LRP "Alga ", LLP "Permskiy Zavod metallokonstruktsiy-Imstalcon", LLP "Casting" LLP Plant, "Format", LLP firm "PBK".

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 on the basis of theoretical training, the education program includes a number of activities in the form of group works and professional competitions aimed at obtaining practical experience and skills in the specialty. Can be noted, that the achievements of the students in the specialty 0910000 "Electrical and Electromechanical equipment" at a sufficient level and meet the requirements of the standard.

The EEC notes that special attention is paid to the following items in the educational institution according to this standard:

- the educational program includes disciplines and activities aimed at obtaining practical experience and skills in the specialty.

In order to develop and improve the activities of the College for the implementation of accredited educational programs, EEC IAAR recommends:

- in the development of training programs for teachers in enterprises to pay more attention to the practical orientation of training and mastering new technologies and equipment production.

The EEC notes that the specialized profile of the College according to this standard contains 5 – satisfactory positions.



(VII) REVIEW STRENGTHS/ GOOD PRACTICES FOR EACH STANDARD

6.1. Standard " Management of the educational program"

- the organization of technical and vocational education demonstrates the development of the development plan of the EP, its focus on meeting the needs of the state, stakeholders and students;
- management of the EP includes monitoring, reporting processes to determine the dynamics in the activities and implementation of plans.

6.2. Standard " Specificity of the educational program"

- the management of EP provides passing of industrial training and professional practice trained in the specialty and monitors the satisfaction of students, heads of enterprises – places of practice and employers.

6.3. Standard " Teaching staff and effectiveness of teaching"

- the personnel potential of the teaching staff is fully consistent with the specifics of educational programs;
- information about the teaching staff is available to the public;
- the workload of teachers includes various activities;
- teachers perform all types of planned load;
- the management of EP provides purposeful actions for the development of young teachers;
- the teaching staff demonstrates IT-competence and actively applies innovative methods and forms of education;
- the teaching staff takes an active part in the life of society.

6.4. Standard " Students"

- the management of EP demonstrates the policy of formation of the contingent of students of EP and transparency of its procedures;
- EP management takes the necessary amount of effort to provide graduates with employment and maintain communication with graduates;
- the management of the EP monitors and evaluates the employment and professional activities of graduates.

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

- the management of EP attention to the organization and carrying out competitions, for the purpose of attraction trained to production activity.

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

- the educational program includes disciplines and activities aimed at obtaining practical experience and skills in the specialty.

(VIII) REVIEW RECOMMENDATIONS FOR IMPROVING QUALITY

List of the EEC recommendations on all standards related to the implementation of the criteria

6.1. Standard " Management of the educational program"

- ensure the participation of representatives of groups of interested persons, including students, teaching staff and employers in the formation of the development plan of the EP (specify the author's team, the fact of consideration of the plan by a collegial body, specialists of social partners);
- ensure the functioning of the process of analysis of the accumulated information on the implementation of the EP, self-examination in all directions and periodic review of the development plan of the EP (to determine the targets for the implementation of the development plan of the EP and to develop measures to achieve indicators of results, to determine the causes of non-fulfillment of tasks, to develop corrective actions to prevent the repetition of non-fulfillment of the task);
- establish a process of analysis and communication to stakeholders about the opportunities and measures to address the shortcomings found in the measurement of satisfaction of the needs of the teaching staff, staff and students;
- when documenting the main business processes to adhere to the form of documents of strict reporting in accordance with the requirements of the legislation;
- implement an internal quality assurance system for EP;
- to strengthen the work on processing and systematization of the system of collection and analysis of statistical data in the processes of management of the EP (to carry out forecasting and regulation at all stages of implementation of the EP with the using statistical methods of quality management).

6.2. Standard " Specificity of the educational program"

- in the development of curricula and working training programs include in the list of coordination of specialists of enterprises on specialization (reflect in the working curricula and working training programs on special subjects and practice changes and suggestions of specialists-employers);
- to activate the independent work of students in the development of the educational program, taking into account their individual characteristics (to develop a system of differentiated tasks);
- develop a documented procedure for evaluating learning outcomes;

- ensure the transparency and adequacy of tools and mechanisms for assessing learning outcomes, as well as the conformity of procedures for assessing the level of knowledge, skills and abilities of students with the planned learning outcomes and goals of the program.

6.3. Standard " Teaching staff and effectiveness of teaching"

- to activate the system of monitoring and evaluation of the effectiveness of the introduction of modern information technologies and innovative methods of teaching and learning.

6.4. Standard " Students"

- to strengthen the role of student activists in various spheres of social life of the college, as well as in the decision of the pedagogical council.

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

- to work out with social partners the mechanism of marketing research aimed at determining the equipment and software used in the relevant industry EP;
- periodically commission to assess the equipment used in the learning process for compliance with the requirements of employers;
- to develop a set of measures to strengthen the material and technical base, as well as to assess the dynamics of the development of material and technical resources and information support of EP;
- to provide laboratory and practical training and practical training in laboratories and workshops equipped with equipment corresponding to the specialization of EP allowing students to develop the necessary professional competence (use of training sites of third parties, such as PSU. Named after S. Toraighyrov and partner companies);
- increase the share of multimedia and language laboratories used in the educational process (use of classrooms of third-party organizations, such as PSU. Named after S. Toraighyrov for training with use of multilingualism);
- to provide college students with access to a more modern database, as well as to ensure the availability of specialized literature in the state language and foreign languages (for example, the conclusion of contracts with third parties for the use of their library Fund).
- ensure that students have access to the maximum possible amount of structured, organized information on the subjects taught, for example, presentation materials, videos, lecture notes, test and evaluation materials, practical tasks, etc.

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

- in the development of training programs for teachers in enterprises to pay more attention to the practical orientation and mastery of new technologies and equipment production.

Annex 1. Estimated table PARAMETERS "SPECIALIZED PROFILE"

(signed by all members of the EEC)

№	Evaluation criterion	Position of the educational organization			
		Strong	Satisfactory	Suggests improvement	Unsatisfactory
Standard " Management of the educational program"					
1	The organization of technical and professional education demonstrates the development of the EP development plan, its focus on meeting the needs of the state, stakeholders and students.	+			
2	The organization of technical and professional education should ensure the adequacy of the development plan of EP available resources, the needs of the labor market and educational policy of Kazakhstan.			+	
3	The organization of technical and professional vocational education should involve representatives of groups of interested persons, including students, teaching staff and employers in the formation of the development plan of the EP.			+	
4	The organization of technical and professional education demonstrates the transparency of the processes of formation of the development plan of the EP. The organization of technical and vocational education provides stakeholders with information about the content of the development plan and the processes of its formation.		+		
5	The organization of technical and professional education should determine the mechanisms for the formation and regular revision of the development		+		

	plan of the EP and monitoring its implementation..				
6	The organization of technical and professional education systematically collects, accumulates and analyzes information on the implementation of the EP and conducts self-examination in all areas, develops and reviews the development plan of the EP			+	
7	The development plan of the EP is publicly discussed with representatives of all stakeholders, on the basis of proposals and amendments of which the authorized collegial body of the organization of technical and professional education makes changes to the project.		+		
8	The organization of technical and professional education 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.		+		
9	The management of the EP should include:				
9.1	operation management through processes		+		
9.2	planning, development and continuous improvement mechanisms			+	
9.3	monitoring, including the creation of reporting processes to determine the dynamics in the activities and implementation of plans	+			
9.4	analysis of the effectiveness of changes			+	
9.5	assessment of the performance and effectiveness of the units and their interaction		+		
10	In the organization of technical and vocational education should be documented all the main business processes governing the implementation of EP		+		
11	The organization of technical and professional education should demonstrate a clear definition of those responsible for business processes, a clear distribution of job responsibilities of staff, the division of functions of collegial bodies involved in		+		

	the implementation of the EP				
12	The organization of technical and professional education should demonstrate the procedure for approval, periodic review (revision) and monitoring of educational programs and documents regulating this process		+		
13	The organization of technical and professional education should ensure the availability and effective functioning of a system of information and feedback aimed at students, employees and stakeholders		+		
14	The management of the EP should demonstrate the successful functioning of the quality assurance system of the EP, including its design, management and monitoring, their improvement, decision-making based on the facts			+	
15	The management of the EP should provide evidence of transparency of the management system with the educational program		+		
16	The organization of technical and professional education should demonstrate the presence and evidence of intensive use in the management of the EP system of collection and analysis of statistics			+	
17	The management of the EP should ensure that the satisfaction of the needs of the teaching staff, staff and students is measured and demonstrate evidence of the deficiencies identified in the measurement process			+	
18	The management of OP has to show proofs of openness and availability for trained, pedagogical collective, parents		+		
TOTAL 22		2	12	8	
Standard " Specificity of the educational program"					
Evaluation criteria: the content of the EP					
19	The organization of technical and professional education should demonstrate the presence of the developed models of the graduate of the educational program, including knowledge, skills, basic and		+		

	professional competence, personal qualities				
20	The organization of technical and professional education should provide evidence of the participation of teaching staff and employers in the development of EP, ensuring their quality			+	
21	The organization of technical and professional education 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 the EP should demonstrate the presence of a professional context in the content of academic disciplines			+	
23	The leadership of the EP should demonstrate an effective balance between theoretical and practice-oriented disciplines			+	
24	The list and content of disciplines should be accessible to students. Discipline should deal exhaustively with all the issues, the problems existing in the teaching field			+	
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 updating of educational programs taking into account the interests of employers			+	
Evaluation criteria: individualization of educational programs					
27	The leadership of the EP should ensure equal opportunities for students, including regardless of the language of instruction			+	
28	The management of the EP should ensure the availability and effective functioning of the system of individual assistance and counseling students on the educational process			+	

29	The management creates conditions for effective development of EP			+	
30	The leadership of the EP should demonstrate the use of the advantages, individual characteristics, needs and cultural experience of students in the implementation of the EP			+	
31	The leadership of the EP should demonstrate individual support for students in the implementation of the EP			+	
32	The management of EP has to prove existence of system of monitoring of achievements of trained			+	
Evaluation criteria: evaluation results of students					
33	The management of the EP should ensure that an objective, accurate and comprehensive assessment of learning outcomes is in place and effectively functioning			+	
34	The management of EP should provide objectivity of an assessment of results of training and degree from formation of basic and professional competences of students, transparency and adequacy of tools and mechanisms of their assessment			+	
35	The management of the EP should ensure that the procedures for assessing the level of knowledge and skills of students are consistent with the planned learning outcomes and program objectives			+	
36	The management of EP shall carry out diagnostics of knowledge, abilities and skills trained at the beginning of training on a course and studying of educational disciplines			+	
37	The processes and criteria for evaluating learning outcomes should be transparent			+	
38	The leadership of the EP should ensure the formation of students ' skills to continue learning at the following educational levels			+	
Evaluation criteria : teaching methods					
39	The leadership of the EP should ensure the systematic development, implementation and			+	

	effectiveness of active teaching methods and innovative teaching methods				
40	In the implementation of the educational program should be monitored independent work of the student		+		
41	The management of the EP should provide an opportunity for industrial training and professional practice in the specialty / qualification of students and monitor the satisfaction of students, heads of enterprises- places of practice and employers	+			
42	The management of the EP should ensure the implementation of the results of practical achievements of teachers in the educational process		+		
TOTAL 24		1	17	6	
Standard " Teaching staff and effectiveness of teaching"					
43	For the implementation of educational programs, the management of the EP should attract practitioners and determine the proportion of disciplines they read		+		
44	The management of the EP should motivate the teaching staff to constantly apply innovations in the educational process		+		
45	The management of the EP should demonstrate the compliance of the staff potential of the teaching staff to the specifics of educational programs	+			
46	The organization of technical and professional education should demonstrate the availability to the public of information about the teaching staff	+			
47	The management of EP should provide monitoring of activity of pedagogical collective, a systematic assessment of competence of teachers, a complex assessment of quality of teaching		+		
48	The workload of teachers should include various activities. The management of EP has to show proofs of performance by teachers of all types of the planned loading	+			
49	The leadership of the EP should provide targeted actions for the development of young teachers	+			

50	The management of the EP should demonstrate mechanisms to stimulate professional and personal development of teachers and employees		+		
51	The management of the EP should monitor the satisfaction of the teaching staff		+		
52	The management of the EP should 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	+			
TOTAL 11		6	5	0	
Standard " Students"					
54	The management of the EP should demonstrate the policy of formation of the contingent of students of the EP and transparency of its procedures	+			
55	The leadership of the EP should demonstrate awareness of the main roles (professional, social) of students based on the results of training		+		
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 the EP should make the maximum amount of effort to provide graduates with employment and maintain communication with graduates	+			
59	An important factor is the monitoring of employment and professional activities of graduates	+			
60	The leadership of the OP should actively encourage students to self-education outside the main program (in the framework of extracurricular activities)		+		
61	The leadership of the EP should provide an opportunity for learners to share and Express their views		+		

62	The management of the EP should create a mechanism for monitoring the satisfaction of students with the activities of the organization of technical and professional education in General and individual services in particular		+		
63	The management of the EP should demonstrate the functioning of the feedback system, including the operational presentation of information on the results of the evaluation of training results		+		
TOTAL 10		3	7		
Standard " Resources used in the implementation of educational programs"					
64	The management of the EP 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, mandatory and additional literature, practical tasks, etc.		+		
65	Educational equipment and software used for the development of educational programs should be similar to those used in the relevant industries and meet the requirements of safety in operation			+	
66	The organization of technical and professional education creates a learning environment that promotes the formation of basic and professional competencies and takes into account the individual needs and capabilities of students		+		
67	Organization of technical and professional education should create conditions for the development of skills of students and teaching staff in the disciplines studied and the possibility of implementing these skills in competitions or in any other way in practice		+		
68	The organization of technical and vocational education should assess the dynamics of the development of material and technical resources and information support of EP			+	
69	In the organization of technical and vocational education should be created learning environment EP, which includes:				

69.1	technological support of 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 advice - there are personalized educational resources that help students			+	
69.4	professional orientation-students have access to personalized educational resources that assist in choosing and achieving 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	book fund, including the fund of educational and methodical literature on paper and electronic media, periodicals in the context of learning languages			+	
69.8	free access to educational internet resources		+		
70	The management of EP should determine the degree of implementation of information technologies in the educational process of EP, monitor the use and development of innovative teaching technologies by the teaching staff, including on the basis of information and communication technologies		+		
71	Manual EP should demonstrate reflection on the web-site information characterizing EP		+		
TOTAL 15		0	9	6	
"Standards in the context of individual specialties"					
Natural and technical Sciences					
72	Educational programs in technical areas must meet the following requirements:				
73	In order to familiarize students with the professional environment and relevant issues in the field of specialization, as well as to acquire skills on the		+		

	basis of theoretical training, the education program should include disciplines and activities aimed at obtaining practical experience and skills in the specialty in General and core disciplines in particular.				
74	excursions to enterprises in the field of specialization (factories, workshops, research institutes, laboratories, etc.)		+		
75	conducting individual classes or entire disciplines in the enterprise specialization		+		
76	the use of workshops for practical training, solving practical problems relevant to enterprises in the field of specialization, etc.		+		
77	The teaching staff involved in the EP should include practitioners with experience in enterprises in the field of EP specialization.		+		
TOTAL 5		0	5	0	
TOTAL FOR ALL STANDARDS		12	55	20	