



«АККРЕДИТТЕУ ЖӘНЕ РЕЙТИНГТІҢ
ТӘУЕЛСІЗ АГЕНТТІГІ» КЕМ

НУ «НЕЗАВИСИМОЕ АГЕНТСТВО
АККРЕДИТАЦИИ И РЕЙТИНГА»

INDEPENDENT AGENCY FOR
ACCREDITATION AND RATING

REPORT

about results of work of external commission of experts on assessment
on compliance to requirements of standards of specialized accreditation of educational
programs

Cluster 2 0819000- «Technology of oil refining and gas»
1302000- «Automation and managements»

SUSC "The south Kazakhstan polytechnical college" Department of education of the South
Kazakhstan area
from «14» to «16» May 2018 y.

Shymkent 2018

INDEPENDENT AGENCY OF ACCREDITATION AND RATING
External commission of experts

*It is addressed
To accreditation
to council IAAR*



Независимое агентство
аккредитации и рейтинга

REPORT

**about results of work of external commission of experts on assessment
on compliance to requirements of standards of specialized accreditation of
educational programs**

Cluster 2

0819000- «Technology of oil refining and gas»

1302000- «Automation and managements»

SUSC "The south Kazakhstan polytechnical college" Department of education of
the South Kazakhstan area
from «14» to «16» May 2018 y.

Shymkent

«16» may 2018 year

(I) LIST OF SYMBOLS AND ABBREVIATIONS

EEC- external expert commission;

SCSE - state compulsory standard of education;

SPU-state public utility;

ICT - information and communication technologies;

MES - Ministry of Education and Science;

IAAR is an independent agency of accreditation and rating;

EP - educational program;

TS - teaching staff;

RK - Republic of Kazakhstan;

WC- working curriculum;

Media - the media;

LLP - limited liability partnership;

TVE - technical and vocational education;

SC- a standard curriculum;

SKPC - "South-Kazakhstan Polytechnic College"

ALPPQ - Assessment of the level of professional preparedness and qualification

ACS - Automated Control System

LBC - Library and Bibliographic Classification

HEI - Higher education institution - Higher educational institution

IAT and ATR ES - Institute for Advanced Training and Retraining in the Education System

CYA - Committee for Youth Affairs

SCC-subject-cycle commission

RSE - Republican State Enterprise

EMC - Educational-methodical complex

JD- job descriptions

PP-clause on division

PC -Pedagogical Council

AMA - administrative and management apparatus

EW - educational work

TPW- training and production work

QMS-Quality Management System

Introduction

According to the order of the Independent agency of accreditation and rating from 4/28/2018 of year No. 44-18-OD during the period the visit of external commission of experts to SUSC "South Kazakhstan Polytechnical College" Department of education of the South Kazakhstan area, for the purpose of carrying out assessment procedures of compliance to standards of institutional and specialized accreditation of IAAR has taken place from May 14 to May 16, 2018.

The report of external commission of experts (further – ECE) contains assessment of compliance of SUSC "South Kazakhstan Polytechnical College" Department of education of the South Kazakhstan area to criteria of the IAAR standard, recommendation of ECE about further improvement of work.

1. **Structure of ECE:**

2. **Chairman of the commission** – Tatibekov Sanzhar Meirkhanovich, head of department of strategic development and monitoring of the national promotional society

« Holding «Kasipkor» (Astana);

3. **Foreign expert** – Tairov Mitalyp Muratovich, PhD professor of the Batken state university (Kyzyl-Kyya, Kyrgyz Republic)

4. **Expert** - Beysetbayev Asylkhan Kosylkhanovich, the deputy director for studies of SUSC "Almaty State Polytechnical College" (Almaty);

5. **Expert** – Enkenov Bauyrzhan Bolatkhanovich, deputy director for innovative technologies of SUSC "Taldykorgan College of the Industrial Industry and New Technologies" (Taldykorgan);

6. **Expert** – Nurzhan Nurly Nurzhanovna, deputy director for studies of SUSC "Atyrau Polytechnical College of S. Mukashev" (Atyrau);

7. **Expert** – Tugerova Galia Berdibayevna, deputy director for scientific and methodical work of SUSC "Mangystau Power College" (Aktau);

8. **Expert** – Zhubandykova Zheniskul Umirtayevna, PhD in Technological Sciences, teacher of special disciplines of the Aktyubinsk polytechnical college (Aktobe);

9. **Observer from the Agency** – Bekenova Dinara Kairbekovna, the project manager on accreditation of the TaPE IAAR organizations (Astana);

Employer – Tursynbekova Madina Tausultanovna, head of department of the human capital of Regional Chamber of businessmen of YuKO (Shymkent).

10. **Student** – Rakhymbay Ayken Sakenkyzy, the student 2 nd course of the specialty 1202000 "The organization of transportations and traffic control on transport (on branches)" SUSC "Shymkent College of Transport, Communications and New Technologies" (Shymkent).

(I) REPRESENTATION OF EDUCATION TO THE ORGANIZATION

The state utility company of South Kazakhstan polytechnical college" Department of education of the South Kazakhstan area" (further - SKPC) historical was founded in 1934. As in 1934 within industrialization of the Soviet Government the Shymkent mining and metallurgical technical school was created. In different years SKPC was transformed.

SKPC is organized on the basis of the resolution of akimat of SKA of June 18, 1997, the decision No. 140, by merge of the South Kazakhstan college of energy and business (1971) and the Shymkent polytechnical college

Activity of SKPC is carried out on the basis of the Charter approved by the resolution of Akimat of the South Kazakhstan area of January 23, in 2015 No. 13, the certificate of the state re-registration of the legal entity of the April 13, in 2016 which is given out by Department of justice of SKA and also according to the Law of RK "About Education" of July 27, in 2007, No. 319-III. Standard rules of activity of the organizations of technical and professional education approved by the resolution of the government of RK of May 17, in 2013, the order No. 499, to the State obligatory standards of education on TaPE (further - SOSE), the State program of development of education and science of RK for 2016-2019 and other normative legal acts regulating the system of technical and professional education.

The owner of SKPC is Akimat of the South Kazakhstan area. Authorized body of SKPC is the Department of education of the region. A property form – state.

SKPC works at the basis of the license No. KZ16LAA00006897 granted by Department on control education of the South Kazakhstan area of May 25.04, in 2016 without restriction term.

The supporting document about existence of own educational material and technical resources is the State acts on the right of continuous using the earth.

In 2013 SKPC successfully passed the State certification and confirmed the State license on the certified specialties (The order of Department control education SKA №751/18 of 18.11.2013).

SKPC realizes the programs of technical and professional education (further – TaPE) allowing students to gain practical skills on related specialties of professional and technical education.

SKPC the Certificate of conformity to requirements (SSR) in relation to rendering services in the sphere of technical and professional education was received in 2007.

In 2017 SKPC passed the procedure of recertification and received the Certificate of conformity to requirements of ST of RK ISO 9001-2016 (ISO 9001:2015) "A quality management system. Requirements", No. 00069153 (it is valid till December 26, 2020).

The college carries out training of the expert of an average link, demanded to national economy.

The college conducts training on 7 specialties TaPE:

Code and name of specialty	Code and name of qualification	Term of training at base of the 9th form	Term of training at base of the 11th form
0819000 – «Technology of oil refining and gas»	081907 3 technician-technologist	3 г. 10 мес.	2 г. 10 мес.
0911000–« Technical operation, service and repair of the electric and electromechanical equipment»	091101 3 electrician	3 г. 10 мес.	2 г. 10 мес.
0902000 – «power supply» (on branches)	090203 3 electrical technician	3 г. 10 мес.	2 г. 10 мес.
1302000 – «Automation and management»	130202 3 electrician	3 г. 10 мес.	2 г. 10 мес.
1304000 – «Computer facilities and software»	130403 3 technician	3 г. 6 мес.	2 г. 6 мес.
	130404 3 technician-programmer	3 г. 10 мес.	2 г. 10 мес.
	1304053 – the technician on information security	3 г. 10 мес.	2 г. 10 мес.
	130406 3 the technician on service of computer devices	3 г. 10 мес.	2 г. 10 мес.
1306000 – «Radio electronics and communication» (by types)	130609 3 the technician on communication	2 г. 10 мес.	1 г. 10 мес.
0906000 – «Heat power installations of thermal power plants»	090603 3 technician-power engineering specialist	3 г. 10 мес.	2 г. 10 мес.

Also the college has the license on the following specialties: 0813000 "Production of tires and process of curing", 0812000 "Rubber production", 0802000 "A construction and operation of gas and oil pipelines and gas and oil storages", 0907000 "Warmly technical equipment and systems heat of supply", however, in this directions training is not conducted due to the lack of applications from employers and at the moment SKPC plans to refuse the license on above-mentioned specialties

At the end of 2017 the college had got the license on working qualifications of specialties: 1302000 – "Automation and management", 1302012 "The mechanic of PILES and automatic equipment", 0819000 – "Technology of oil refining and gas", 0819012 "The operator of processing equipment", 1304000 – "Computer facilities and the software", 1304012 "the Operator of the COMPUTER", 1306000 – "Radio electronics and communication" (by types), 1306052 "The cableman and

the assembler of communication". Further the college plans training on two-level models, i.e. with assignment of the expert of an average link and working qualification.

Preparation is conducted on internal and correspondence forms of education, training languages – state and Russian.

The general contingent on college 2512 person for September 1 of 2017-2018 academic year, 1780 by the state order, 732 on a commercial basis.

For realization of a mission of college, purposeful achievement of strategic objectives and tasks, providing high-quality educational services and implementation of effective activity in college there is all necessary infrastructure of modern material and information resources, a highly qualified engineering and pedagogical personal.

At the time of check the number of the IPR of college is 205 employees, an indicator of a share of regular teachers of-100%. The qualitative structure of the IPR of-48,2% (54 teachers have the highest qualification categories, 45 – the first category).

The college has the corresponding material and technical resources: it is the three-storied educational case with more than 66 offices and laboratories where there are 15 computer classes, a methodical office, the assembly hall on 336 places, library with the reading room on 80 places, the gym, the dining room on 150 places, a first-aid post, the laboratory and production case with 4 workshops: metalwork and mechanical, wiring and electric.

There are 6 language laboratories, 25 classes with interactive boards, 30 multimedia offices and also robotics office with 8 sets. Computer classes are equipped with 430 computers of the last modification in college. The college is connected to Internet network, has well based with electronic office equipment and also functions set Wi-Fi.

All educational audiences are equipped and equipped with necessary technical means of training, visual aids, and library - educational and methodical and scientific literature.

According to QMS enter into structure of college: 7 offices with internal and correspondence forms of education and 13 departments (the cyclic commissions), educational, production, educational, methodical and service to information technologies and also economic activity and material technical service.

For years of work of a kolledzhabyla tens of tysyachspetsialist who found application for the professional qualities in various branches of the production sphere are produced.

The college carries out training of specialists in close interaction with the main employers of area and region: ТОО "ПетроҚазақстан Ойл Продактс", ТОО "HILL Corporation", АО "3-Энергоорталық", ТОО "Автоматика Прибор Ремсервис", ТОО "ШСП "Автоматпром", ТОО "AzalaTextile", ТОО "TectumEngineering", АО "Шымкент сигнал және байланыс дистанциясы", ТОО "ЛКС Сервис", АО "Транстелеком", Шымкент қ. Ішкі саясат бөлімінің "Жастар ресурстық орталығы" КММ, АО "НСК", ТОО "ОңтүстікЖарық Транзит", ТОО "Энергопоток", ТОО "Электро аппарат", АО "Аэропорт

Шымкент", "Қуат жылу орталық" ГКП, Национальная компания "Қазақстан Темір жолы", ТОО "Alma TV", АО "ЭЛМО", "BerkutIT", "Pro-IT Kazakhstan" and others. The college has the contract more than 80 enterprises. All this allows to make work on preparation and distribution of graduates directly with consumers.

Indicators of employment reflect positive dynamics that demonstrates demand of graduates of college and high quality of training of specialists. Employment of graduates of internal office makes 85% (release of 533 people, of them 455 person are employed).

The main sources of information on activity of the Highest college are: official website www.ukpk.kz.



DESCRIPTION OF THE PREVIOUS PROCEDURE OF ACCREDITATION

The state utility company of South Kazakhstan polytechnical college" Department of education of the South Kazakhstan area for the first time undergoes the procedure of specialized accreditation of the TaPE organizations.

(I) DESCRIPTION OF THE VISIT OF ECE

ECE visit to SKPC was organized according to the program which is in advance agreed with the chairman of ECE and approved by the principal during the period from May 14 to May 16, 2018.

For the purpose of coordination of work of ECE in SKPC the adjusting meeting during which powers between members of the commission were distributed took place, the schedule of a visit is specified, consent in questions of the choice of methods of examination is reached.

ECE meetings with target groups took place according to the specified visit schedule, with observance of the established temporary interval. From the SKPC group presence of all persons specified in the visit schedule and also full assistance to actions of experts was provided.

During the visit, except work with target groups, conversations with students and teachers of college in educational audiences, graduates, parents and employers (Table 1) were interviews. In total at meetings accepted take part 348 person.

Table 1. The information about workers and students and other persons who participated in meetings with ECE IAAR:

Category of participants	quantity
Director	1
deputy director	5
Manager of office / teaching department	8
Chairman of department / methodical association	13
methodologist	1
Chief accountant / economist	2
Manager of human resources department	1
Teachers and training officers	75
Other workers (the lawyer, social - the psychologist, the psychologist, отб. the secretary of the selection committee managing first-aid post, the librarian)	6
student	108
graduate	65
Social partner	21
Parents of students	42
total	348

In the process, the ECE conducted a visual inspection of the infrastructure of

the College: classrooms, laboratories, workshops, computer classes, library, reading room, gym, medical aid station, hostel, canteens and others.

Members of EEC visited the "Автоматика Прибор Ремсервис", LLP enterprise which engaged in repair and installation of machines and the equipment. On the basis of this enterprise 6 students of group 254 specialties 1302000- "Automation and management" undertake a work practice: Bushkov Igor, Taraburkin Daniil, Razvozhayev Igor, Popov Ilya, Turlybayeva Ulbolsyn and Baybolat Armand. The director of the enterprise Kusebayev A.K. met members of ECE, which acquainted with laboratories where are made repair of measuring instruments, nutrometr, indicators, micrometers, glubinometr the discussion about cooperation of the enterprise with college, about working together for the development of the curriculum, approval of work programs, practices, thesis projects, and take part in the work of protection of the graduation projects.

In the lab pyrometry the master Popkov Alexander Ivanovich acquainted members of ECE the ready project which was carried out together with college. The Avtomatika Pribor Remservice LLP enterprise sent the application to college for development of the project on a subject: "Installation for simultaneous checking of several thermocouples". SKPK approved a subject of this project, the head from college is Tkachenko T. N., the student Lapin Anatoly carried out and defended the project. Protection of this project took place on the basis of this enterprise.

Members of EEC visited «Петро Қазақстан Ойл Продуктс», LLP enterprise which is a social partner in the specialty 0819000- "Technology of oil refining and gas". «Петро Қазақстан Ойл Продуктс», LLP - the oil refinery located in the South Kazakhstan area to Shymkent. The enterprises releases several brands of high-quality gasoline and diesel fuel, vacuum gas oil, fuel oil, jet fuel, the liquefied gas, sulfur technical gas scaly. On the basis of the enterprise students of specialties 0819000- "Technology of oil refining and gas" and 1302000- "Automation and management" undertake internship. At the time of visit students 3 courses as 0819000 groups 851k and 1302000 group 254 - 2 students, 253-2 students, 251 groups-5 of students undertook internship on receiving a working profession. Passing technician of safety were informed of orders on acceptance practice, schedules of practical training, magazines. The discussion with human resources department Tasanbayeva Aygul Halizhanovna, by the foreman Sydikov Umirbay, the head of the technical department Nurmanov Erbol about practical training of students, oudovletvorennost of theoretical training of students, about cooperation of the enterprise with college, about joint work of a concern research of the working curriculum, coordination of working programs the practitioner, degree subjects, participation in work to protection of degree projects was led. In time conversations representative of the enterprise showed interest to training of the specialist in qualification of the applied bachelor of specialty 0819000- "Technology of oil refining and gas".

Members of ECE visited the HILL Corporation LLP enterprise - the first hi-tech plant on production of lubricants of a world class in the territory of the Republic of Kazakhstan. On the basis of the enterprise students on specialties

0819000- "Technology of oil refining and gas" and 1302000- "Automation and management" undertake internship. Ulpan Zhumakhatova and the senior technologist Kabylbekov Aydosbek Amirbekovich met members of ECE the deputy director for quality Kobelekova. The discussion with students of group 252 - 2 students of specialty "Automation and Management" who Daut Aysultan, Erkinov Adilkhan undertake internship on receiving a working profession is led. The enterprise readiness of acceptance on acceptance for work distinguish marked out students during practice.

Class in group 871 students of 1st course in the specialty 0819000 on discipline «Қазақ әдебиеті» for theme «Мұхтар Шаханов. Поем «Танакөз» rhyme «Ғашықтық ғаламаты». This discipline was carried out by the teacher of special disciplines Utebayeva Raushan Manapovna. All students are present on the lesson. The office is equipped with the multimedia equipment, an interactive board and posters. The subject of occupation corresponds to the working program, calendar thematically plan, the plan of the lesson, approved by the chairman of SCC. Students took active part at discussion of the subject, answered questions, recited Mukhtar Shakhnov's verses. Occupation achieved the objectives.

By members of ECE it is visited educational practice "Organic synthesis" in group 861k in the specialty 0819000 - "Technology of oil refining and gas" on the subject "Halogenation Reaction". Educational practice was conducted by the teacher of special disciplines of the first category Alzhanova Gulmira Kilyshbekovna. During visit students performed laboratory works of "Determination of density", "Definitions of synthesis of bromic butyl", "Determination of temperature of melting of paraffin" in a laboratory office 112 "Laboratory of analytical, organic and physical colloidal chemistry". During practice active manipulative materials were used, students performed tasks, solved problems. The educational planning documentation - full. In an office there is a magazine according to safety measures, students are acquainted, there is a leaf of acquaintance with safety measures when using chemical reagents.

Members of ECE attended studies on the accredited educational program. Students 2nd courses, specialties 1302000-"Automation and management" on discipline "Theoretical bases of electrical equipment" on the subject "The Operating Size Nesinusoidalno Current and Chain Power" are visited zanyatiyegruppy 263. Lesson type - combined. Lesson resources: textbooks on TOE, cards with tasks, slides and test questions. There were 28 students at the lesson. Carried out this discipline the teacher of special disciplines, the second categories having an experience 3 years - Taysheva Sh. There are not absent students at the lesson. The office is equipped with the multimedia equipment, an educational board and posters.

The theme of the lesson corresponds to the working program and calendar thematically plan of this discipline. The plan of lesson is approved by the chairman of SCC. Communication of the teacher with students good, they were active participation at discussion of the subject, answered questions, discussed a conclusion of a final formula and schedules of harmonious components. In a course of the lesson the teacher also used cards with independent tasks. The

conclusion of the lesson is fixed by test questions on a new theme. The result of a lesson is summed up and all actively participating students are estimated. Occupation achieved goals.

Members of ECE attended studies on the accredited educational program. Students 2nd courses, specialties 1302000-"Automation and management" on discipline "Details and knots of the automation equipment" on the subject "Rotation, Design Features of Screw Springs and Their Calculation" are visited lesson of group 261. Lesson type - practical. Lesson resources: slides, posters and model of the executive pneumatic mechanism. There were 21 students at the lesson. . Carried out this discipline the teacher of special disciplines,.This discipline the teacher has seen off of special disciplines, the second category having an experience 3 years - Sheripbekov B. There were absent 4 students. The office is equipped with the multimedia equipment, an educational board and posters.

The theme of the lesson corresponds to the working program and calendar thematically plan of this discipline. The plan of a lesson is approved by the chairman of SCC. The lesson began with frontal poll of the previous subject. Students actively answered the questions posed. The teacher explained a new subject competently, intelligibly, gave examples and tasks. In a course of the lesson the teacher used the model of the executive pneumatic mechanism, slides and posters at the solution of tasks. The theme of the lesson by questions on a new subject is fixed. The result of a lesson is summed up and all actively participating students are estimated. Occupation achieved goals.

The analysis of visit of occupations confirms satisfactory qualitative teachers, sufficient theoretical level of training. On occupations teachers use modern technologies of training. Systematically improve skills. The analysis of activity of teachers of college confirms aspiration of collective to improvement of high-quality development of college.

Experts of ECE studied regarding compliance to standards of specialized accreditation also documentation of college, including offices, the departments realizing the accredited educational programs.

For work of ECE all conditions were created, access to all necessary information resources is organized.

Within the planned program primary main recommendations about improvement of activity of college developed by ECE following the results of examination were submitted at a meeting with the management of college. To the management of college at a closing meeting it was explained, about the subsequent procedures.

The actions planned within the visit allowed members of ECE IAAR to carry out independent assessment of compliance the given, stated account on a self-assessment of college, criterion of standards of specialized accreditation.

The detailed analysis of compliance of activity of SKPC to Standards of specialized accreditation of IAAR allowed ECE within the program of visit of college to draw the following conclusions in a section of standards.

(I) COMPLIANCE TO STANDARDS OF SPECIALIZED ACCREDITATION

6.1. Management of the Educational Program standard

Management and realization of OP on specialties 0819000 "Technology of oil refining and gas" with qualification 081907 3 – "the technician – the technologist" and 1302000 "Automation and management (on a profile)", specialization 1302023 "Automation and management of engineering procedures of oil-processing and chemical industry", qualification 1302023 "Electrician" are carried out according to standard and legal documents of the Republic of Kazakhstan and plan of Strategic development of college in which the mission, the purposes, tasks are defined. The purposes and tasks educational a programs of office are formulated taking into account requirements and inquiries of potential consumers and proceeding from assessment of demand of the educational program which is defined by the interests of potential employers, the capacity of college, requirements of the state and society in general.

The decision of the Faculty meeting in 2008 of college of specialty 1302000 "Automation and management (on a profile)", specialization 1302023 "Automation and management of engineering procedures of oil-processing and chemical industry", qualification 1302023 "Electrician" and 0819000 "Technology of oil refining and gas", qualifications 0819000 "Technician-technologist" are integrated in the chemist -technological office. All work of office is constructed according to vision, a mission and the strategic plan of College and is carried out according to modern requirements of training of the competitor of capable and competent experts for the petro overworking and chemical cluster.

Implementation of the educational program and the strategy of her development is carried out by chemical and technological office of YuKPK according to the stated mission, vision, the purposes and tasks and also the strategic development plan for college.

The mission of college represents preparation of competitive, professional specialists necessary for industrial innovative development of the country in the fields of information technology, communications, energy, automation of the of oil and gas industry.

The purposes and tasks of the educational program of office are formulated taking into account requirements and inquiries of potential consumers and proceeding from assessment of demand of the educational program which is defined by the interests of potential employers, the capacity of college, requirements of the state and society in general. The educational program of chemical and technological office declares obligatory involvement of employers in process of training of specialists of a petro chemical profile. The dynamism of the purposes of the program is confirmed by coordination of her contents with employers of the region who participate in definition list the studied disciplines, providing bases the practician, total assessment of graduates. Regular holding meetings, round tables, seminars where remarks and wishes on improvement of

further collaboration express. Results of meetings are discussed at PTsK meeting therefore facultative courses taking into account wishes and proposals of employers are developed. Cooperation of college and employers allows to coordinate and control educational process, does it optimum and fuller.

Management of the educational programs (EP) for spetsialist 0819000 "Technology of oil refining and gas" is carried out according to the Appendix 855k to the order of the Minister of Education and Science of the Republic Kazakhstan from January 22, 2016 No. 72.

Management of the educational programs (EP) for spetsialnosti1302000 "Automation and control (on a profile)" is exercised according to Prilozheniyem351 to the order of the Minister of Education and Science of the Republic Kazakhstan from January 22, 2016 No. 72.

The main principle of management of OP – providing students and the teachers (T) with resources for professional and creative development which influence high-quality rendering educational services.

Content and volume of educational programs for specialties of the 0819000 1302000 "Automation and management (on a profile)" correspond to standard curricula and standard to training programs. When developing RUP skilled teachers and representatives of social partners took part in the working group.

For realization of OP on specialties "Automation and Managements (on a Profile)" and "Technology of Oil Refining and Gas" in college there are sufficient material, information and library resources. A basis for realization of OP for the purpose of training of the competitive, competent graduate are the equipped material and technical resources of specialties. Material, the educational methodological support of OP conforms to the standard requirements established by authorized body of the Republic Kazakhstan of the field of education. Offices and laboratories are equipped modern interactive equipment, technical means of training, visual aids, laboratory stands and installations.

The application from teachers of special disciplines is annually submitted for reactants, chemical reagents which are required for practical works in laboratory offices, the timer TE-15, a submachine gun 16A, modules for micro control, HantekDso5102P oscillograph, the Magnetic LE1FATO actuator, contactors modular for low-voltage chains for laboratory of automatic equipment.

Professional practice is the OP obligatory component and is directed to fixing of knowledge gained in protsesseobucheniye, acquisition of practical skills and development of the best practices. The working training programs developed by teachers of special disciplines industrial practice, tekhnologicheskoy predegree the practician are considered at SCC meetings, then are approved as the head of college.

When forming the development plan for OP employers take part. During passing of a work practice heads the practician from college with heads from the enterprise in common consider OP and make changes to the educational schedule taking into account the schedule of repair, reconstruction and modernization of installations and the equipment, introductions new technologies and technological lines and also there are recommendations from the enterprise at drawing up

working curricula.

Also changes are considered and discussed at SCC meeting together with representatives of production, Accepted on SCC change and corrections of OP are given on a statement in a teaching department of college, in the form of the service record. The made corrections in subject of disciplines it is fixed in the calendar and thematic plan, in the section "annual correction of KTP". On discipline of "A basis of technology of branch" in 2016 the modified standard training program by the teacher of special disciplines of SCC HTD Magzumova F.G., taking into account wishes and the recommendation of experts of the producing technological department of PKOP LLP was developed. In it is STUPID new processes according to the line scheme of the reconstructed oil refinery are brought. Completion and revision of the working curriculum perhaps if necessary by consideration at a meeting of SCC of an ipodacha of the service record administration.

Indicator of effectiveness of realization of OP is the high-quality release of students and percent of their employment. In 2017 on specialties "AaU" and "TPNIG" employment of graduates after the termination of college made – 89,9%. The students who well proved during passing of a work practice were trudoustoyena in the place of practice. For example: on Petrokazakhstan Oil Produkts LLP in the specialty "TPNaG" 2015-2016 academic year: Altakey B., Sydan A. in 2016-2017 - Kalyar S., Alzhanov M., in 2017-2018 Turar D.

On specialties "AaU" on JSC Shymkenttsement 2015-2016 academic year: Nametyshchev G., Kolosov E., Avtomatika Pribor Remservice LLP of Eraliyev S., Smolyakov S., in 2016-2017 - on Petro Kazakhstan Oil Products LLP Prokofiev S., Kadirov I., Makeev Yu., in 2017-2018-TOO Avtomatika Pribor Remservice Bushkov D., Zolin Ya., Efremova E., Spirit Kazakhstan LLP Sartayev D., I Em B..

For the purpose of improvement of quality of training of graduates the analysis of OP in the specialty with coordination with specialists of the enterprises is annually carried out, then are approved at SCC meeting.

In office there are external and internal is standard - the legal acts concerning management of OP and also the list of nomenclatures has put SCC approved according to QMS. All these documents are public. The maintenance of OP answers inquiries of consumers and will be coordinated with vision, a mission and the strategy of College. All information on OP is provided on the website of college available to the address www.ukpk.kz.

For the solution of the current questions there is e-mail of the manager of office, chairmen of SCC. All interested persons have free access to workers of SCC and office. Complaints are accepted in an oral and written form, the term of the answer depends on complexity of the resolved issue.

Management of OP includes monitoring and processes of the reporting according to standards of TaPE and a quality management system which provide interaction of structural divisions of college. List of documents: semester results (a form 2p, summary sheets, results of obligatory examinations, the sheet of accounting of the class periods which are missed by students, the social passport of

group). Information on work of SCC is available to interested persons via the website of college, professional orientation work, PTA meetings, questioning of students and graduates of specialty.

Main objective of the development plan for educational activity is improvement of contents of the educational program with formation of professional competences of shots for a profile of petro processing industry. Assessment of "effectiveness" and "efficiency" of realization of OP occurs at the expense of the responses provided by employers, expansion of base of practice, mobility of students, etc. Development of uniform strategy of interaction of office with employers, formation of mechanisms of active participation of the releasing SCC in interaction with strategic partners from among the employers exerting considerable impact on labor market, development of the mechanism of involvement of employers to participation in educational process, assessment of educational programs, to updating of curricula.

Due to the demand of shots in "Automation and management" reception of entrants has increased by this specialty since 2013. Work of teachers of PTsK has been focused on expansion of base of professional practice.

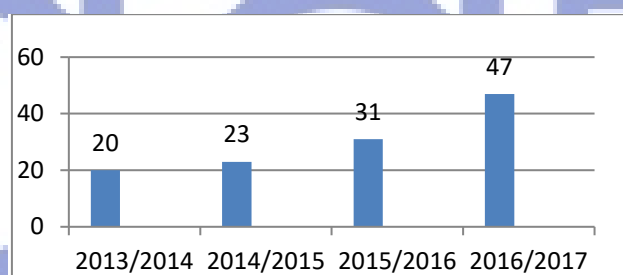


Fig. 2 Chart of Expansion of Base practitioner of PTsK "Automation of Engineering Procedures"

For the purpose of creation of a uniform control system of quality of training of highly qualified specialists in college it is introduced the quality management system (QMS). The development plan for college it is based on use of the principles of quality management according to requirements of the RK ISO9001-2016 ST standard and to constantly increase effectiveness of a quality management system.

In SUSC "South Kazakhstan Polytechnical College" all main are documented business the processes regulating realization of OP. Within three years the main are documented and stored business processes. In college there is an exhaustive database of the internal and external normative legal acts regulating all main business processes. Procedures are developed for the organization of work of college: "Planning of educational process", "Educational process", "Quality control of educational process", "Assessment of knowledge", "Educational and methodical work", "Educational work and social conditions for pupils", "Analysis from the management", "Planning of improvements", "Professional orientation work", "Formation of the contingent", "A professional and work practice", "Employment

of graduates", "Risk management", etc. These documents are public and are stored at chairmen of SCC.

Organizational and administrative documentation accurately defines responsible for business processes, unambiguously distributes personnel functions. For example, all workers have accurately outlined circle of the obligations and the rights reflected in duty regulations of the manager of office, the chairman of the subject cyclic commission, the teacher of general education disciplines, the teacher of special disciplines, the curator of educational group, the laboratory assistant. Informing workers with duty regulations is conducted by the chairman of SCC at employment with a mark in a leaf of acquaintance.

The manager of office carries out the organization and control for educational and methodical, scientific and methodical, educational research of office, considers and approves at a faculty meeting distribution of an academic load between teachers.

For improvement of OP monitoring is carried out and if necessary for ensuring quality changes are made. For example, for improvement of the logical sequence the discipline "Processes and offices of branch" is postponed from a third year for the second before studying of discipline of "A basis of technology of branch" which is based on knowledge of the devices studying a design and the main processes.

The system of ensuring quality of the educational program is estimated by results of successful delivery of news agency and OUPP.

For implementation of all levels of communication structural divisions are equipped with necessary means of communication, the Internet, information and normative external documents, the computer equipment. In college e-mail, multimedia technologies is widely used, there is a certain building "Ғаламтор" where teachers and students have Internet access.

The anonymous questioning of teachers which is carried out during ECE IAAR visit showed that the involvement into process of adoption of administrative and strategic decisions – "very good" 26.5% and "good" –71,4%, and one person "are rather bad" - 1,8%.

Teachers consider, that mission and strategy is college successfully reflected in training programs and assessment procedures – "very good" 58,9% and "good" – 39,3%. Also, on a question how the mission and the strategy of college in assessment procedure is reflected answered - "very good" 32,1%, "good" 66,1% and one person "are rather bad" 1,8%.

The questioning of students which is carried out during ECE IAAR visit showed that

- level of availability and responsiveness of the management of college is estimated as high – 91%;
- availability to consultation on personal problems is estimated as high-91%
- availability of library resources is estimated as high-96,2%.
- justice of examinations and certification is estimated as high - 91%.

At the same time 92,3% of the interviewed students are completely satisfied with the general quality of training programs and 88,5% by training methods in

general.

Vast majority of students (97,4%), udovletvorenyurovny executions of these rules and strategy of OP.

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

—the TaPE organization provides adequacy of the development plan for OP to the available resources, requirements of labor market and educational policy of RK;

—the TaPE organization involves representatives of groups of interested persons, including students, pedagogical collective and employers in formation of the development plan for OP;

—the TaPE organization shows extent of realization of the principles of stability, efficiency, effectiveness, priority, transparency, responsibility, delegation of energy, differentiation and independence of system of financing;

—the TaPE organization provides existence and effective functioning of the system of informing and feedback focused on students, workers and interested persons;

—the management of OP provides measurement of degree of satisfaction of needs of pedagogical collective, personnel and students and about to show proofs of elimination of the shortcomings found within measurement process

—руководство ОП демонстрирует доказательства открытости и доступности для обучающихся, педагогического коллектива, родителей.

—the management of OP shows proofs of openness and availability to students, pedagogical collective, parents.

For further development and improvement of activities of college for implementation of the accredited educational programs of ECE IAAR **recommends:**

– to provide improvement of the specific activities which are available Development strategies of college with specification and the indication of measuring indicators and also the expected resources and demanded resources;

– to continue work on improvement of quality of procedures (rules) in the operating quality management system according to the strategic development plan for college;

– to seize work on carrying out the analysis and monitoring according to the plan of development of OP

ECE notes that the specialized profile of college according to this standard contains 4 - strong, 18 – satisfactory.

6.2. Specifics of the Educational Program standard

The educational program in the specialty 0819000 "Technology of oil refining and gas" is developed for training of students on the basis of the appendix 855 to the order of the Minister of Education and Science of the Republic Kazakhstan from January 22, 2016 No. 72.

Specialty OP purpose: 0819000 "Technology of oil refining and gas" – training of specialists of a new formation in the field of petro gas of the

overworking and petro chemical industry, competent and demanded in labor market and professionally socialized.

The Educational Program (EP) "Automation and management (on a profile)" is developed for specialty 1302000 on the basis of the appendix 351 to the order of the Minister of Education and Science of the Republic of Kazakhstan of January 22, 2016 No. 72.

Specialty OP purpose: 1302000 "Automation and management (on a profile)" – training of specialists of a new formation in the field of automation of engineering procedures of the petro overworking and chemical industry, the competitor capable and demanded in labor market and adapted in world scientific and educational space.

The specifics of OP determine tasks for training of the expert capable to carry out the tasks set for it during the work at various enterprises of the relevant branch by each specialty. Development of educational programs begins with creation of model of the graduate which is formulated so that it was possible to define consistently competences of the expert of various educational level. This model allows to staticize the training programs with change of technological level of branch, development of tutorials and compression of information in each discipline.

Teachers of college according to standard training programs working training programs which in turn are considered at meetings of the subject and cyclic commission are formed, and are approved as the deputy of a direktro of college for study.

The contents of the working curriculum provided assimilation general education, the general humanitarian, social and economic, the general professional, a cycle of special disciplines. For ensuring achievement of goals the structure and the maintenance of WTP includes creation of the conditions directed to assimilation of knowledge necessary in the future for the student, sets of information materials, instilling of ability and skills.

The list and content of disciplines on specialties is available to students on the website of college.

When developing working training programs on special disciplines the current state of development of technologies of oil refining and gas, the equipment, the systems of automation and devices of oil processing and chemical branch is considered.

Skilled teachers of office are authors of standard programs in the specialty 1302023 "Automation and management of engineering procedures of oil-processing and chemical industry". On the basis of the hiring work contract on development of standard training programs on special disciplines between the Uchebno — Methodical Association (UMA) on the Power profile at Ust Kamenogorsky polytechnical college and the director of SKPC. Programs are approved by the scientific and methodical center of development of TaPE and assignment of qualification at MOEEN RK.

In the specialty 1302023 "Automation and management of engineering procedures of oil-processing and chemical industry" for qualifications:

130201 2 – the instrumentations and automatic equipment Mechanic;

130202 3 – the Electrician the author's group developed programs for disciplines:

- "Bases of technology of branch" - Magzumova F. G.;
- "Processes and offices of branch" - Kenzhebeyev O.;
- "Automation of engineering procedures and industrial control system of branch" - Tkachyova T. N.;
- "Operation of automatic devices" – Tkachyova T. N.;
- "Automatic control and regulators" - Kozhikhov G.M.

When developing OP employers were attracted, contents, competences necessary for high-quality training of specialists on these profiles were coordinated. VOP are specified labor input of disciplines in hours with allocation of theoretical, laboratory occupations, professional practice, facultative occupations, forms of intermediate certification. The discipline is specified in an obligatory part of cycles OP, for example, DOOO (the discipline determined by the organization of education) approved by the educational working plan of specialty is created by college independently taking into account requirements of labor market and wishes of employers. For specialty 0819000 "TPNIG" the discipline "Modern methods of production of fuels" of-48 hours, considers the fuel direction of oil refining in RK and includes studying of the processes which are available and based at the basic enterprise - Petro Kazakhstan Oil Products LLP, as 1302023 "AaU" discipline of "A basis of design of systems of automation" - 70 hours, considers instilling of skills of development of projects of automation of engineering procedures with a primeniye of the graphic AutoCAD program.

Also, employers and social partners of college made the recommendations in questions concerning holding a final assessment, protection of the degree project.

The list of the trained disciplines with providing the lesson schedule is available to students. For ensuring access to the Internet the educational offices equipped with personal computers are allocated. Besides, in college the WiFi network constantly functions. Also the website of college (ukpk.kz) for ensuring access of students to the content of education, names of disciplines, the necessary and interesting information on college works. This electronic website provides granting theoretical material, lectures and abstracts, access to the thematic plan of disciplines, educational and methodical complexes.

The analysis of the self-report on employment showed that in the specialty: 0819000 - "The technology of oil refining and gas" with qualification 0081907 3 – "the technician – the technologist" a share of the employed graduates for the last 3 years averaged 83,2%.

Share of the employed graduates of OP of specialty: 1302023 – "Automation and management of engineering procedures of oil-processing and chemical industry" for the last 3 years averaged 85%.

Within OP processes of employment are implemented on the basis of the signed contracts with social partners, most of students of a final year receive offers on work already during practice.

Training in specialties 0819000 - "Technology of oil refining and gas" and

1302000 "Automation and management (on a profile)" is conducted on internal and extramural studies.

The contingent of students in 2017-2018 in the specialty 0819000 - "The technology of oil refining and gas" is 82 people, including 39 in a state language of training, 57 people on a paid and contractual basis.

The contingent of students in 2017-2018 in the specialty 1302000 "Automation and management (on a profile)" makes 430 people, including 210 in a state language of training, 54 persons on a paid and contractual basis.

Occupations take place in a form of lectures, practical occupation. In realization of an individual educational trajectory the large role is played by independent work of students which gives especially great opportunities for satisfaction of personal inquiries, formations of kompetentnost.

All students are provided with a possibility of passing of inservice training and professional practice in the specialty. Contracts with the enterprises of the city and area on carrying out professional practice taking into account total of students are annually signed. Heads from the enterprise give responses on each probationer, and the best are noted by letters of thanks from heads of the enterprises. Following the results of practice the scientific and practical conferences, seminars, the competitions "The Best by Profession", questioning of students showing their satisfaction and professional growth are held.

All types the practician are organized according to requirements of the worker educational

plan. On educational practicians the studying specialties 0819000 perform laboratory works on organic chemistry and chemistry of oil, carry out the technical analysis of oil products, syntheses of organic and petrochemical substances, solve production situations. The main social partners in the organization the practician in the specialty 0819000 are "Petro Kazakhstan Oil Products" LLP, HILL Corporation LLP. At the time of check according to the schedule of educational process, students 2 courses in the specialty 0819000 undertook educational internship "Organic synthesis" in a laboratory office 112 "Laboratory of analytical, organic and physical colloidal chemistry", students 3 courses undertook a work practice on receiving a working profession " Petro Kazakhstan Oil Products" LLP bases, HILL Corporation LLP, and students 4 courses at a stage of implementation of degree projects.

The finishing result and final assessment of realization of OP is protection of degree projects. At realization of OP on PTsK special attention is paid on involvement of students to implementation of academic year and degree projects with prototyping. During the final assessment of students there were real projects which showed interest at employers and projects which at further improvement the realizatsiyana places of practical training is possible. For example, in 2016 the graduate of group 821k Muzafar of N under the leadership of the teacher the highest in the specialty 0819000-"Technology of oil refining and gas" offered Magzumova F.G. category the real project "The Project of an Elektroobessolivaniye of Installation with a Productivity of 6735016 Tons Per Year with Performance of the Model of System of Collecting and Preparation of

Oil on Trade". In the project it is offered to prepare on the field oil not only for transportation, but also for processing that is possible in vertically integrated companies. This project gives the chance to save water resources, improves ecology, gives big economic effect. The degree project received the positive review from the teacher of SKGU of M. Auyezov of Abdukhalikova I.R. and SAC Abdualiyev B.N. - the head of department of department of management of engineering and modernization of "Petro Kazakhstan Oil Products" LLP was noted by the chairman.

In college on the 9th of December , 2017 upon completion of technological practice in groups IV of a course of specialty "AaU" the conference with the invitation of leading experts of the enterprises, heads of practice from production is held: PKOP LLP Petrov A.V. is automation control engineer; Gazpromneft Bitumen Kazakhstan LLP Balabenko I.S. is automation control engineer; JSC Shymkentmay Sartayev N. is automation control engineer; JV KATKO LLP Telespayev S. is the head of department of metrology. At a conference questions of the organization and carrying out practice are considered, the ways of further cooperation directed to improvement of quality of knowledge and practical skills of students are planned.

On December 23, 2017 it was organized a joint seminar with experts of production, teachers and students of specialty 0819073 "TPNIG" on a subject: "Value of a work practice in training of qualitative experts". The purpose of holding a seminar strengthening of ties with production, improvement of knowledge of pupils of Petrokazakhstan Oil Prodakts LLP to reveal ways of realization of a mission of college in a close sotrudnicheskty with production. At a seminar there were leading experts of Petrokazakhstan Oil Prodakts LLP: the chief of the UVPM installation and viscosity breaking, the shop No. 2 – Sydykov O.Zh., the senior engineer of the shop No. 1 – Zhaksybayev A.A., the chief of the Meroks installation - Shoybekov D.

OP at the high level shows model of the graduate 0819073 "Technology of oil refining and gas", qualifications the technician-technologist, as a result of development of OP has to have professional and special competences:

- to control and regulate norms of the technological mode;
- to own knowledge of requirements to production of chemical technology of oil refining and gas and their influence on the environment;
- to control the correct and timely execution of reporting technical documentation;
- to provide and control observance of rules and standard of industrial and fire safety;
- to apply information technologies to the solution of professional tasks;

OP at the high level shows model vypusknika1302000 "Automation and management (on a profile)" qualifications the technician-technologist, as a result of development of OP has to have professional and special competences:

- to understand essence and the social importance of the future profession;
- to apply information technologies to the solution of professional tasks;
- performance of installation of devices and the electric systems of automatic

equipment according to requirements of labor protection and ecological safety;

- introduction of adjustment and the electric circuit of devices of automatic equipment, according to requirements of technical documentation;

- maintenance and operation of devices according to regulations, with requirements of labor protection and safety measures;

The questioning of students which is carried out during ECE IAAR visit showed that

- 88,5% of students are completely satisfied with informing on courses, educational programs, and the academic degrees;

- 75,6% of students are completely satisfied with the clearness of submission of the program of a course;

- 88,5% of students are completely satisfied with the existing educational resources of college

- 92,3% of students are completely satisfied with the carried-out tests and examinations.

ECE notes that in educational an institution according to this standard special attention is paid to the following position:

- the management of OP shows existence in the maintenance of subject matters of a professional context

- the management of OP shows existence of effective balance between the theoretical and praktiko-focused disciplines

- the list and content of disciplines are available to students.

- different types of activity which maintenance has to contribute to the development of basic and professional competences of students taking into account their personal features are provided in structure of the educational program;

- the management creates conditions for effective development of OP;

- processes and criteria for evaluation of results of training are transparent;

- the management of OP provides formation at the studying skills for continuation of training at the following educational levels;

- the management of OP provides a possibility of passing of inservice training and professional practice in the specialty / qualifications by students and to carry out monitoring of satisfaction of students, heads of the enterprises – places the practician and employers.

- For further development and improvement of activities of college for implementation of the accredited educational programs of ECE IAAR recommends:

- to systematize work on updating of contents and the analysis of efficiency of changes of educational programs, including taking into account proposals of stake of holders..

On a specialized profile of the Specifics of Educational Programs standard 24 criteria are disclosed, from kotorykhkkk1 - have a strong position, 23 – satisfactory.

Thus, specialties 0819000 - "Technology of oil refining and gas" and the graduate 1302000 "Automation and management" completely meet (for a profile) mandatory requirements of this standard.

6.3. "Pedagogical Collective and Efficiency of Teaching" standard

Major factor of ensuring quality of realization of OP and training competitively of capable experts for innovative and industrial development of the country is the personnel potential of SCC. Personnel potential of specialties conforms to qualification requirements to licensing of educational activity. Educational process on specialties is carried out by pedagogical collective which part teachers of special, general education and all-professional disciplines are.

Responsibility for the organization of search of applicants for the teacher's position, according to the Human resource management procedure, lies on the manager of office, the interested divisions (chairmen of SCC), through announcements of mass media, jobcenter of the population, the website of college, a trade fair of working vacancies from coordination with Administration of college.

The main requirements at selection of the candidate for a vacant post the following: education on a necessary profile of the educational program, appropriate level of vocational training, existence of length of service in the specialty or a pedagogical experience and also compliance to qualification requirements. The competence of personnel at employment is established on the basis of documents on the got education, preparation, skills and experience (the diploma, the certificate, employment records) and also an interview with heads of structural divisions.

Qualitative list of teachers in the specialty 0819000-"Technology of oil refining and gas"

п.п.	FULL NAME	category	experience
	Mergenbayeva P.T.	the highest	33 years
	Alzhanova G. K	the first	23 years
	Berdaliyeva G.N.	the first	31 years
	Kenzhebayev U. K.	the highest	35 years
	Magzumova F.G.	the highest	31 years
	Naushabayeva L.A.	the first	16 years
	Nuralina G.A.	the highest	34 years
	Orazova L.T.	the highest	28 years
	Suleymenova Zh.F.	the second	17 years
	Tanasheva G.S.	the highest	31 years
	Tulepova Zh.A.	the second	8 years
	Turisbekova G.A.	the highest	15 years

Qualitative list of teachers of SCC "Automation of Engineering Procedures"

№ п.п.	FULL NAME	category	experience
1	Amanbayev A.A.	the highest	40 years
2	Bekov A.A.	the first	8 years
3	Dosybayev N.	the second	3 years
4	Esenbayev G.S.	the second	4 years
5	Zhaykbayeva E.T.	the highest	32 years
6	Kyizbay Alibek	the second	1 year
7	Kozhikhov G.M.	the highest	29 years
8	Mambayeva Aygerim		1 year
9	Orynbasar M.	the second	3 years
10	Seydakhmetov E.I.	the highest	36 years
11	Sheripbekov B.	the second	2 years
12	Tkachyova T. N.	the highest	34 years
13	Taysheva Sh.	the second	3 years
14	Usenova U.	the first	12 years

Teachers within academic year hold open events, publish articles in newspapers "Ұстаз нұры", collections of FAO of NCPK "Өрлеу" ІПКРР SKA 2017 of teachers Tanasheva G.S., Suleymenova Zh. Ф, magazines "Ұлт ұстазы" No. 10 of 2017 Turisbekov G.A. teachers., Taysheva Sh., Usenova U. E. are also awarded with a medal. Teacher of special disciplines Zhaykbayeva E.T. 2018 of a "Слесарлық механикалық практика " that get an author.

The management of college pays much attention to a question of adaptation of new employees. The chairman of SCC explains functions of the teacher and defines to it the mentor from among the most skilled teachers who carries out the constant help in methodical work, execution of documentation, attends classes of the young teacher, carries out the advisory help. All work of the mentor is reflected in the School of the Young Teacher folder. With the young specialists having good theoretical knowledge, skills of applied character, but not owning specifics of conducting occupations big, laborious work is carried out, namely: there is a methodical help of mentors; visit of master classes of skilled teachers, visit of the vnutrikolledzhny training seminars concerning pedagogics, a technique of teaching and psychology is organized.

Teachers of specialty actively participate in various methodical actions which promote further active use by teachers on the occupations of technologies of the developing training, critical thinking, interactive training, modular training, differently-level training, design methods. New technologies and a technique of their application in educational process are considered systematically at SCC meetings where their introduction and efficiency are comprehensively discussed. For example, when carrying out a practical training by teachers of SCC HTD the controlling and training programs with animation elements, electronic textbooks, the automated testing systems are actively used in educational process.

The management of college pays much attention to a question of adaptation of new employees. The chairman of PTsK explains functions of the teacher and

defines to it the mentor from among the most skilled teachers who carries out the constant help in methodical work, execution of documentation, attends classes of the young teacher, carries out the advisory help. All work of the mentor is reflected in the School of the Young Teacher folder. With the young specialists having good theoretical knowledge, skills of applied character, but not owning specifics of conducting occupations big, laborious work is carried out, namely: there is a methodical help of mentors; visit of master classes of skilled teachers, visit of the vnutrikolledzhny training seminars concerning pedagogics, a technique of teaching and psychology is organized.

Results of scientific activity and creative research of the methodical subject of teachers of office are the published textbooks, electronic education guidances and the published articles of media.

The teacher of special disciplines T.N. Tkachyova for the purpose of exchange of experience in teaching special disciplines made at a seminar the report on a subject: "Application of modern TSO when training on discipline "Automation of productions and the PCS of branch"

The teacher of special disciplines Tanasheva G.S. helps to maintain attention of pupils demonstration at lessons of technological schemes, samples of oil products, videos. Creates optimum conditions for transfer of knowledge, skills.

2016-2017 academic year teachers of PBKHTD of Alzhanov G.K., Magzumova F.G., Mergenbayeva P.T., Nuralina G.T., Tanasheva G.S. and Suleymenova Zh.F. for publications of open lessons www received certificates of the web portal ". Bilimshini.kz", Turisbekova G.A. for publications of methodical developments of "Ұлт ұстазы" and a medal, the certificate because of introduction "1000 үздік ашық сабақ" for development of the new educational program, for qualitative knowledge in youth is awarded with the diploma of the magazine "Ұлт ұстазы"

- In 2016 - 2017 academic year teachers of special disciplines of PBK HTD are developed:

- Magzumova F.G. - the electronic education guidance for improvement of quality practical class in discipline "Chemistry and technology of oil and gas" on the subjects "Interactive Chemistry" and "Modern Technology of Oil Refining";

- - The electronic education guidance "25 variants of tasks on a practical tour for control of knowledge of students IY a course";

- - Electronic education guidance "Handbook on fuels"

- Mergenbayeva P.T. - the methodical management in a state language for implementation of academic year and degree projects in the specialty 0819000 "TPNIG";

- - A study guide for implementation of academic year and degree projects on subjects: "Technological calculations from gasoline and the howling ELOU-AT column", «Дизель фракциясын каталитикалық гидропарафинсіздендіру процесінің технологиялық есептеулері», «Каталитикалық криформинг процесінің технологиялық есептеулері»;

Broad application is found by methods of training which have

bolshoyevospitatelny value. These are before vsegovstrech with employees of branch. The meeting обучающихся offices with the veteran of Petrokazakhstan Oil Produkts LLP E.K. Kaldygozov - the Dr.Sci.Tech., professor of SKGU, on topical issues of modern oil processing and on training of graduates, competitive, qualitative, necessary for industrial innovative development of the country, was for this purpose organized and held.

In college it is traditionally held the competitions «Ең үздік жас маман» and «Үздік ұстаз». In 2016 the teacher of biology of SCC of chemical and technological disciplines Suleymenova Zh.F. became the winner and won first place in a competition «Үздік жас маман- 2016».

The teacher of special disciplines of PTsK of chemical and technological disciplines G.S. Tanasheva the winner of a competition «Үздік жас маман- 2017».

Publications in republican and local printed media

№	Full name.	Article subject	media
1.	Mergenbayeva P.T.	«Жаңаруарқылы жарқын болашаққа жетейік»	«Ұстаз нұры» №0225.01.2018ж.
2.	Nuralina G.A.	« Ел Тәуелсіздігінің жарқын беттері»	«Қазақ жолы» №49-50 23.12.2017ж.
3.	Orazova L.T.	«Рухани жаңғыру- бүгінгі заманталабы»	«Ардақ» №37-3826.12.2017ж.
4.	Tanasheva G.S.	«Рухани жаңғыру: өзгерістер алға жетелейді»	«Ұстаз нұры» №2425.12.2017ж.
5.	Turisbekova G.A.	«Мен ХХІ ғасыр педагогы»	Республикалық «Ұлт Ұстазы» журналы 21.12.2017ж.
6.	Zhaykbayeva E.T.	Профессиональное станов- ление учащихся колледжа	«Ұстаз нұры» №0225.01.2018ж.

From 2013 for 2018 teachers in the specialty 0819000 completed advanced training courses at JSC RNMTs, JSC NTsPK to "□rle", etc.

During 2014-2018 educational years there took place training on:

- Petrokazakhstan Oil Produkts LLP - Tkachyova T. N, Mergenbayeva P.T.
- HILL Gorparation LLP - Mergenbayeva P.T.
- Shymkentoktan LLP - Magzumova F.G., Mergenbayeva P.T., Kenzhebayev U.K., Tanasheva G.S., Alzhanova G.K.

The questioning of PPS which is carried out during VEK NAAR visit showed that:

- an opportunity to use own innovations in the course of training is estimated – "very well" 62,2% and it is "good" – 37.8%) %;

- teachers the contents of the educational program – "very well" satisfy 70,3% and it is "good" – 29,7%;
- level of feedback of teachers with the management is satisfied on "very well" - 54,1% "well" of-45,9%;
- the possibility of PPS to combine teaching with scientific research is estimated on "very well" - 56,8% "well" of-43,2%.

The questioning of students which is carried out during VEK NAAR visit showed that students are completely satisfied:

- the relation between the student and the teacher – 96,6%;
- objectivity and justice of teachers – 98,9%;
- statement by the teacher of material in an interesting form – 95,5%;
- relevance of the taught material of 93,3%;
- objectivity of estimation by the teacher of achievement of students – 96,6%;
- possession of the teacher of the taught material – 93,3%.

Analyzing work on the "Pedagogical Collective and Efficiency of Teaching" standard it is possible to note that high representation of pedagogical skill is defined by the constant level of professional development and visit of various schools and creative occupations. Despite a high rate of qualification of teachers, it is necessary to strengthen work on research work.

Availability and knowledge of work of pedagogical collective of the public is not strong an indicator of college therefore it is necessary to carry out systematic assessment of pedagogical collective by the management of college, but not by results of implementation of individual plans.

ECE notes that in educational an institution according to this standard special attention is paid to the following positions:

- the management of OP shows compliance of personnel potential of pedagogical collective to specifics of educational programs;
- working load of teachers includes different types of activity.
- the management of OP shows monitoring of satisfaction of pedagogical collective;
- participation of pedagogical collective in life of society.

- For further development and improvement of activities of college for implementation of the accredited educational programs of ECE IAAR recommends:

- to staticize the plan of professional development of teaching and administrative board for realization of a mission and the development strategy of college, including on the questions "Applied Bachelor Degree", "Teaching special disciplines in English", "Innovative educational technologies and interactive methods of training";

- to improve IT competence of teachers, including for introduction of innovative methods of teaching and training in practical activities;

- to increase the level of studying of English by teachers of special disciplines for access to information published in the world of scientific and technical literature and documentation;

- to consider the possibility of increase in a share of the experts involved in

educational process to teaching special disciplines and holding guest lectures, seminars and others;

- to strengthen work on individual development of teachers (participation in various competitions of republican, regional level, distribution of experience of stazhny teachers)

- to strengthen educational and methodical work of teachers, including receiving author's rights to educational and methodical developments on specialties.

ECE notes that the specialized profile of college according to this standard contains 2 strong positions, the 8-satisfactory and 1 position demands improvement.

6.4. Students standard

Reception and the admission to training at specialty 1302023 "AaU", 0819073 "TPNaG" is considered by demand in technical specialists the organizations and the enterprises of the Republic of Kazakhstan, on the accredited educational programs happens according to normative documents of MES RK. Enrollment of students of students in the specialty 0819000-"The technology of oil refining and gas" was carried out 2014-2017 on a paid basis, in 2017-2018 academic year on the budgetary basis.

Enrolment of students

Specialty	Qualification	2013-2014		2014-2015		2015-2016		2016-2017		2017-2018	
		budget	On a paid basis	budget	On a paid basis	budget	On a paid basis	budget	On a paid basis	budget	On a paid basis
1302023 "AaU"	1302023 «electrician»	75	66	100	48	200	20	50	54	100	-
0819000 "TPNaG"	0819073 «technician-technologist»	25	57	-	55	-	18	-	23	25	-
Total:		223		203		238		127		125	

In the specialty 0819000-"The technology of oil refining and gas" for full-time is the contingent of students 2015-2016 academic year. – 86 people, 2016-2017 academic year.-85 people, 2017-2018 academic year -82 people; in the correspondence form 2017-2018 academic year - 57 persons.

In the specialty 1302000 "Automation and management (on a profile)" on full-time makes the contingent of students 2015-2016 academic year. – 492 people,

2016-2017 academic year 496 persons.

The staff of office carries out a lot of work on preservation of the contingent, elimination reduction without valid excuse. This work is carried out at a professional selection stage at reception and also in the course of training. At the same time such forms as are used: questioning, individual work with students, their parents (lawful representatives) led by "Office on the organization and control of work with parents, students and curators", involvement of bodies of public management: A student's asset, parents, employment of students after hours (circles on interests, sports sections, research activity), the organization of meetings with successful graduates of college, social partners, etc. «Жаңартушы жастар» organization and group work at office of HTD «Мейірімді топтар».

Teachers of office carry out explanatory work among school students of the city of Shymkent and Southern Kazakhstan area and also among young workers at the enterprises for the purpose of attraction on specialty. Annually professional orientation group attends about 45 schools.

The manager of office and teachers of SCC conduct Open Days, tours on educational laboratories of specialties.

One of the out-of-class forms of education increasing interest in the chosen profession is research work of students. Students actively increase the level of mastering social competences and key qualifications, participating in regional showings, conferences, round tables and competitions.

Students in the specialty 0819000-"Technology of oil refining and gas" when passing fact-finding, a work practice and also at implementation of academic year and degree projects developed a set of models such as, "The system of collecting and preparation of oil on crafts", "Heat the exchanger", etc. among which employers have "A pipe in a pipe" also real projects the shown interest.

For increase in interest in achievement of the best results in college the competition «Политех үздіктері» is held: in The Best Group nomination in 2015 the group 242, in 2016 - group 251, in 2017 - group 261, «Үздік студент -2017» is awarded by Baktybay of L. for the 3rd place and Bekbolat B. for the 2nd place 251 group's student earned the pecuniary reward, «Үздік жас спортшы» Odnovol K. gr.244k,«Үздік ақын» - Kulbay And. group 861k. Results are discussed at a meeting of office, SCC meetings, on curator hours and are reflected in the information stand of office, SCC and «Уголках групп».

The integral component of types of studies and one of the major by preparation future the technician-technologists in the specialty 0819000- "The technology of oil refining and gas" is a laboratory practical work. The laboratory practical work allows students deeply and to study the most difficult sections of a course in detail and also to impart skills of the technology of conducting analytical, imitating and pilot studies with use of the latest developments of science and technology. Laboratory class in disciplines of OP SCC laboratories are carried out on the basis of educational.

In the specialty there are such laboratory offices as "Laboratory of analytical, organic and physical colloidal chemistry", "Chemistry and technology of oil and

gas, an office of course and degree design", "The technical analysis and control of production", "Processes and devices of petro gas of processing".

The final stage of studying of the educational program is protection of the degree project.

The management of OP conducts a lot of work on employment of graduates and maintenance of communication with them. Annually teaching collective provides the need for graduates on the enterprises of the region to the deputy director for inservice training who coordinates work on employment

Important factor is monitoring of employment of graduates and their professional activity.

The main criteria for employment of graduates are the main skills and competences of professional activity which they gain in the course of theoretical and practical training.

According to the plan of work on assistance to employment of graduates training in drawing up the summary and personal questionnaire of the pupil at three languages is provided (samples of the summary and personal questionnaires are developed, all necessary data in the specialty are available in an electronic and paper look).

For students of a final year are carried out independent assessment of quality for the purpose of further successful employment. Employment of graduates in 2017-2018 in the specialty 0819000- "The technology of oil refining and gas" is 85%, in "Automation and management" of-87%.

Planning of educational work is carried out at appropriate levels of college:

- general plans of educational work of college;
- plans of educational work of office;
- plan for educational work of curators.

Are reflected in plans of teaching and educational work:

- the educational actions connected with significant days of the Republic Kazakhstan and holidays of students and knowledge;
- actions for promotion of a healthy lifestyle;
- actions for prevention of offenses;
- patriotic educational actions;
- actions for activization of public useful activity;
- actions for education of collectivism of students;
- actions for development of creative abilities of students;
- sports actions;
- cultural events;
- involvement of specialists experts in important questions.

The questioning of students which is carried out during ECE IAAR visit showed that:

- 91% are completely satisfied with explanation before receipt of rules and the strategy of the educational program (specialty);
- 97,4% are completely satisfied with the level of execution of these rules and the strategy of the educational program (specialty);
- 88,5% are completely satisfied, 7,7% are partially satisfied, 2,6% are

partially not satisfied also 1,3% not with udovletvorennyakademichesky loading / to requirements to the student;

- 89,7% are completely satisfied, 7,7% are partially satisfied, 2,6% not an udovletvorennyasvoyevremennost of estimation of students;

- 85,9% are completely satisfied with speed of response to feedback from teachers concerning educational process. At the same time, 11,5% of students are partially satisfied, 1,3% are not satisfied and 1,3% found it difficult to answer with equal opportunities for all students.

- 87,2% are completely satisfied with providing with equal opportunities for all students. At the same time, 11,5% of students are partially satisfied and 1,3% are partially not satisfied with equal opportunities for all students.

ECE notes that in educational an institution according to this standard special attention is paid to the following positions:

- the management shows policy of formation of the contingent of the studying OP and transparency of its procedures;

- existence monitoring of employment and professional activity of graduates;

- the management of OP actively stimulates students to self-education out of the main program (within extracurricular activities);

- the management of OP provides an opportunity to students for exchange and expression of opinions;

- existence mechanism of monitoring of satisfaction of students with activity of the TaPE organization in general and separate services in particular.

- For further development and improvement of activities of college for implementation of the accredited educational programs of ECE IAAR recommends:

- - to take measures for increase in possession of students of English;

- - to strengthen work on increase in research works of students.

ECE notes that the specialized profile of college according to this standard contains 2 strong positions, 7 – satisfactory and 1-assumes improvements.

6.5. "Resources Used at Implementation of Educational Programs" standard

One of the most important components of high-quality preparation on OP are the used resources.

Structure and name of educational offices (laboratories) соответствуетно OP of specialties 1302023 "AaU", 0819000 "TPNaG".

The educational and methodical base of an educational office (laboratory) creates an opportunity for an open entry to students and teachers to various sources of information, provides necessary conditions for group and individual study of students and teachers, represents the system of the information resources which are completely corresponding to the modern content of the studied discipline.

The educational and methodical base of an educational office (laboratory) includes:

1. educational, methodical literature, educational and methodical grants and didactic материалы to disciplines of an educational office (laboratory);

2. equipment, technical means of training in disciplines of an educational office (laboratory);

3. materials of out-of-class work (kruzhkovy work) with students on discipline;

4. laboratory devices and installations, stands and chemical reactants;

Each office is equipped: fire quencher, information stands, safety measures stands;

All offices and laboratories, are equipped with computers and projectors. For training there is an interactive board, multimedia projectors, a smart board.

Teachers use various websites for carrying out studies, open lessons and use, the electronic education guidances developed by them, textbooks, etc.

Each student in college is provided with access to third-party electronic and library systems which contain various editions for information support of educational and research process.

The general book fund of library makes – 82 815 pieces.

Educational literature on office – 3272 copies, including in a state language of 191 copies.

In library stock a large number of various editions necessary as additional literature on all disciplines studied in college are available and used in educational process. Educational process is provided with help and bibliographic literature, periodicals newspapers, magazines - "Oil and gas", "Devices", "KIP and Automatic equipment to Kazakhstan", "KIP and Automatic equipment: service and repair", "Technology of a refining of oil", "Chemistry at school", "Chemistry" for a profile of the main educational programs with which students can work in the reading room of library. At the beginning of academic year on the offered price list necessary textbooks are chosen and applications for acquisition become.

The educational and laboratory base and classroom fund correspond to the contingent of students, provides the conditions necessary for providing high-quality educational services.

The modern educational equipment acquired at the expense of the republican and local budget allowed to equip laboratories and offices special дисциплиндо 92%.

Teachers widely use the available presentation equipment in educational process, interactive and a smart of a board, laboratory stands and devices which allow to conduct multimedia lessons at higher qualitative level, using technical means instrument.

In the specialty 0819000-"The technology of oil refining and gas" are available such laboratory offices as "Laboratory of analytical, organic and physical colloidal chemistry", "Chemistry and technology of oil and gas, an office of course and degree design", "The technical analysis and control of production", "Processes and devices of oil and gas processing".

In "Automation and management" there are such laboratory offices as "Automation of productions", "An office of course and degree design", "Operation

of automatic devices", "Automation of engineering procedures",

In the specialty "AaU" the studying 3 courses walk educational practice "On repair and adjustment of the automation equipment" with a total amount of 108 watch. Practice provides fixing of the theoretical knowledge gained by pupils when studying special disciplines and imparts them initial professional skills of repair and adjustment of the industrial automation equipment.

In the course of practical training each student has to learn: to define work ability of the control and measuring and regulating devices; to eliminate defects of mechanisms of kinematics and electric izmeriyelny circuits; to check isolation resistance; to define causes of defect of devices, to make their repair and checking. Practice is carried out to laboratories of "Automation of productions" (lecture hall 124) which is equipped with necessary stands, laboratory installations, industrial and measuring devices and tools.

Teachers widely use the available presentation equipment in educational process, interactive and a smart of a board, laboratory stands and devices which allow to conduct multimedia lessons at higher qualitative level, using technical means instrument.

For creation of the comfortable environment of training of OP students have an open entry on the website of college to the personified educational resources on each discipline (lecture materials, the presentations and questions of self-checking, textbooks by teachers of office). Access to educational Internet resources is provided employment the reading room, youth the Internet of club, a corner of self-service of e.gov in an office 212 and Wi-fi network in the territory of college. All offices and laboratories of office are supplied with TSO with the computer drive, the Smart a board, an interactive board, projectors, monoblocks that allows PS of 100% to apply information technologies and forms of education in educational process of OP. Extent of introduction innovative technologies decides by carrying out open lessons, master classes, scientific and practical a conference and other types of educational activity on obligatory use of ICT.

The questioning of PPS which is carried out during ECE IAAR visit has shown that teachers never face with:

- lack of educational audiences of-76,8%;
- bad conditions for occupations in audiences of-94,6%;
- lack of Internet access – 57,1%;
- inaccessibility of the necessary books in library – 60,7%.

The questioning of students which is carried out during ECE IAAR visit has shown that students are completely satisfied:

- level of availability of library resources – 96,2%;
- the existing educational resources of college – 88,5%;
- support by training materials in the course of training of-97,8%;
- existence and availability of computer classes and the Internet of resources – 85,9%.

The college constantly seeks for increase in level of use of information technologies in the organization of educational process.

Every year teachers of special disciplines in the specialty 0819000-

"Technology of oil refining and gas" submit the application addressed to the director on necessary the equipment for improvement material and technical resources. In 2017-2018 academic year I was it is given the application for acquisition the exercise machine - simulators for the operator of technological installations, the Device of rectification of ARN-2 oil, the Automatic device VUN — the 20th determination of conditional viscosity in accordance with GOST 6258-85, Penetrometr universal to a floor the PN-1MU submachine gun (for bitumens in accordance with GOST 11501-78 and lubricants in accordance with GOST 5346-78) etc.

Teachers of special disciplines in the specialty 1302000- "Automation and management" submit the application addressed to the director on necessary the equipment for improvement material and technical resources. In 2017-2018 academic year I was it is given the application for acquisition of the timer of TE-15, tool kit (screw-drivers, nippers, keys), the solar panel 10W 340X220, modules for micro control, an oscillograph of HantekDso5102P, the pump 15wG-90A, magnetic LE1FATO actuator, relay intermediate, the manometer with Burdon's tube 232.50.100 G1/2 B, WIKA, etc.

ECE notes that in educational an institution according to this standard special attention is paid to such positions as:

- the TaPE organization creates the training environment promoting formation of basic and professional competences and considering individual needs, and possibilities of students;
- the TaPE organization creates conditions for development of applied skills of students and pedagogical collective on the studied disciplines and a possibility of realization of these skills within the competitions and competitions or otherwise in practice;
- presence of the audiences equipped with modern technical means of training, meeting sanitary and epidemiologic standards and requirements;
- existence of computer classes, reading rooms, multimedia and language laboratories, number of seats in them;
- free access to educational Internet resources.

For further development and improvement of activities of college for implementation of the accredited educational programs of ECE IAAR recommends:

- to fill up book fund with educational and educational and methodical literature and grants and also electronic textbooks in a state language;
- to strengthen work on updating of material and technical resources in the specialty 0819000-"Technology of oil refining and gas" and 1302000-"Automation and management";
- to pay attention to storage conditions, utilization on the termination of a period of storage of the chemical reagents and reactants applied in laboratory offices.

ECE conclusions by criteria:

ECE notes that the specialized profile of college according to this standard contains 2 strong positions, 10 – satisfactory, 3 – the demanding

improvements.

6.6. "Standards in a Section of Separate Specialties" standard

NATURAL AND TECHNICAL SCIENCE

For the purpose of acquaintance of students with the professional environment and topical issues in the field of specialization and also acquisition of professional skills for students on specialties: 1302000 "AaU", 0819000 "TPNaG" various events are held.

For successful adaptation of graduates in labor market a training classes on the subject "Job Search — Too Work", "Motivation of Vital (Professional) Success" and also meetings at a round table with experts of production, with the graduates holding senior positions at the enterprises are given.

For students of office for the purpose of fixing of the gained theoretical knowledge in practice, tours on the enterprises of bases the practitioner, such as are conducted: LLP «Петро Казахстан Оил Продактс», LLP «ШЫМКЕНТ Октан», LLP «HIIL Corporation», LLP «Автоматика Прибор Ремсервис»; ТОО «ШСП «Автоматпром»; ТОО «Газпромнефть – Битум Казахстан»; LLP «БАРЫС 2007»; LLP «Tectum Engineering»; LLP «Spirit Казахстан»; LLP «Зерде Керамика»; JSC «ШЫМКЕНТЦЕМЕНТ»; JSC «ШЫМКЕНТМАЙ».

Also close connection with "Petro Processing and Petro Chemistry" department of SKGU of Auezov is kept. Excursions in laboratory of the university for students will regularly be organized and laboratory works on the modern automated devices similar applied in laboratories of the petro overworking plants, under the leadership of the experts laboratory assistants having vast experience of work in Petrokazakhstanoylprodakts LLP laboratories and HIIL Corporation LLP are carried out. For example, on February 20 Mergenbayev P.T. teachers. and Magzumova F.G. have conducted a tour for the studying groups 841k and 842k and have studied such analyses as a penetration of lubricants, determination of octane number of fuels, etc. Pupils devices by determination of quality of oil products have got acquainted the laboratory installations of oil refining and oil products latest.

The non-staff teachers having long experience at the enterprises for a profile of the accredited OP are involved in OP.

For the leadership in degree design leading experts of the enterprises are attracted. For example, Petrov A. - automation control engineer of Petro Kazakhstan Oil Prodakts LLP, Kardzhanov A. - engineer of PILES and And department of modernization of Petro Kazakhstan Oil Products LLP.

The college is developed and successfully working programs educational and a work practice on all specialties are implemented.

Programs the practitioner in combination with a set of working documentation allow teachers of college, employers and also probationers to solve in coordination problems, to fulfill requirements of content of practice and in due time and productively to finish practice.

All these factors strengthen the practician orientation of training in college, facilitate adaptation of graduates in labor collectives. Duration and content the practician correspond to OP TIPO. Schedules of carrying out educational, production and externships consider proposals of employers, are approved as the principal in the schedule of educational process.

Among heads of practice from the enterprise the big share is the share of graduates of office who give support and understanding in questions of the organization and passing of all types the practician. For example, Nametyshv G. of JSC Shymkentcement, Balabenko I. Gazpromneft Bitumen Kazakhstan LLP, Ernazarov O. of JSC Shymkentmay, Skrobychev E. Petro-Kazakhstan Oil Produkts LLP and others. They also assist in signing of contracts and memorandums and also in employment of graduates thereby show patriotism to the college.

For further development and improvement of activities for implementation of the accredited educational program of ECE IAAR **recommends:**

- to continue works on modern technological equipment of laboratories, training grounds, workshops taking into account requirements of production and observance a safety measures condition;
- to consider a question of introduction of modular system of training
- to consider a question of training of the expert of qualification of the applied bachelor in the specialty 0819000-"Technology of oil refining and gas" in connection with manifestation of interest at the employer.

ECE notes that the specialized profile of college according to this standard contains 1 strong positions, 3 – satisfactory and 1-demands improvement.

(I) THE REVIEW OF STRENGTHS / THE BEST PRACTICE ACCORDING TO EACH STANDARD

- - the TaPE organization provides adequacy of the development plan for OP to the available resources, requirements of labor market and educational policy of RK;
- - the Tipoprivlekayet organization of representatives of groups of interested persons, including students, pedagogical collective and employers to formation of the development plan for OP;
- - the TaPE organization shows extent of realization of the principles of stability, efficiency, effectiveness, priority, transparency, responsibility, delegation of powers, differentiation and independence of system of financing;
- - the TaPE organization provides existence and effective functioning of the system of informing and feedback focused on students, workers and interested persons;
- - the management of OP provides measurement of degree of satisfaction of needs of pedagogical collective, personnel and students and to show proofs of elimination of the shortcomings found within measurement process;
- - the management of OP shows proofs of openness and availability to students, pedagogical collective, parents.

- - the management of OP shows existence in the maintenance of subject matters of a professional context;
- the management of OP shows existence of effective balance between the theoretical and practical-focused disciplines
- the list and content of disciplines are available to students.
- different types of activity which maintenance has to contribute to the development of basic and professional competences of students taking into account their personal features are provided in structure of the educational program;
- the management creates conditions for effective development of OP;
- processes and criteria for evaluation of results of training are transparent;
- the management of OP provides formation at the studying skills for continuation of training at the following educational levels;
- the management of OP provides a possibility of passing of inservice training and professional practice on specialty/qualification with students and to carry out monitoring of satisfaction of students, heads of the enterprises – places the practician and employers.
- the management of OP shows compliance of personnel potential of pedagogical collective to specifics of educational programs;
- working load of teachers includes different types of activity.
- the management of OP shows monitoring of satisfaction of pedagogical collective;
- participation of pedagogical collective in life of society.
- the management shows policy of formation of the contingent of the studying OP and transparency of her procedures;
- existence monitoring of employment and professional activity of graduates;
- the management of OP actively stimulates students to self-education out of the main program (within extracurricular activities);
- the management of OP provides an opportunity to students for exchange and expression of opinions;
- existence mechanism of monitoring of satisfaction of students with activity of the TaPE organization in general and separate services in particular.
- the TaPE organization creates conditions for development of applied skills of students and pedagogical collective on the studied disciplines and a possibility of realization of these skills within the competitions and competitions or otherwise in practice;
- presence of the audiences equipped with modern technical means of training, meeting sanitary and epidemiologic standards and requirements;
- existence of computer classes, reading rooms, multimedia and language laboratories, number of seats in them;
- free access to educational Internet resources.

(I) REVIEW OF THE RECOMMENDATION ABOUT IMPROVEMENT OF QUALITY

Management of the Educational Program standard

- to provide improvement of the specific activities which are available Development strategies of college with specification and the indication of measuring indicators and also the expected resources and demanded resources;
- to continue work on improvement of quality of procedures (rules) in the operating quality management system according to the strategic development plan for college;
- to seize work on carrying out the analysis and monitoring according to the plan of development of OP.

Specifics of the Educational Program standard

to systematize work on updating of contents and the analysis of efficiency of changes of educational programs, including taking into account offers a stake of holders.

"Pedagogical Collective and Efficiency of Teaching" standard

- to staticize the plan of professional development of teaching and administrative board for realization of a mission and the development strategy of college, including on the questions "Applied Bachelor Degree", "Teaching special disciplines in English", "Innovative educational technologies and interactive methods of training";
- to improve IT competence of teachers, including for introduction of innovative methods of teaching and training in practical activities;
- to increase the level of studying of English by teachers of special disciplines for access to information published in the world of scientific and technical literature and documentation;
- to consider the possibility of increase in a share of the experts involved in educational process to teaching special disciplines and holding guest lectures, seminars and others;
- to strengthen work on individual development of teachers (participation in various competitions of republican, regional level, distribution of experience of experienced teachers)
- to strengthen educational and methodical work of teachers, including obtaining copyright to educational and methodical developments on specialties.

Students standard

- to take measures for increase in possession of students of English;
- to strengthen work on increase in research works of students.

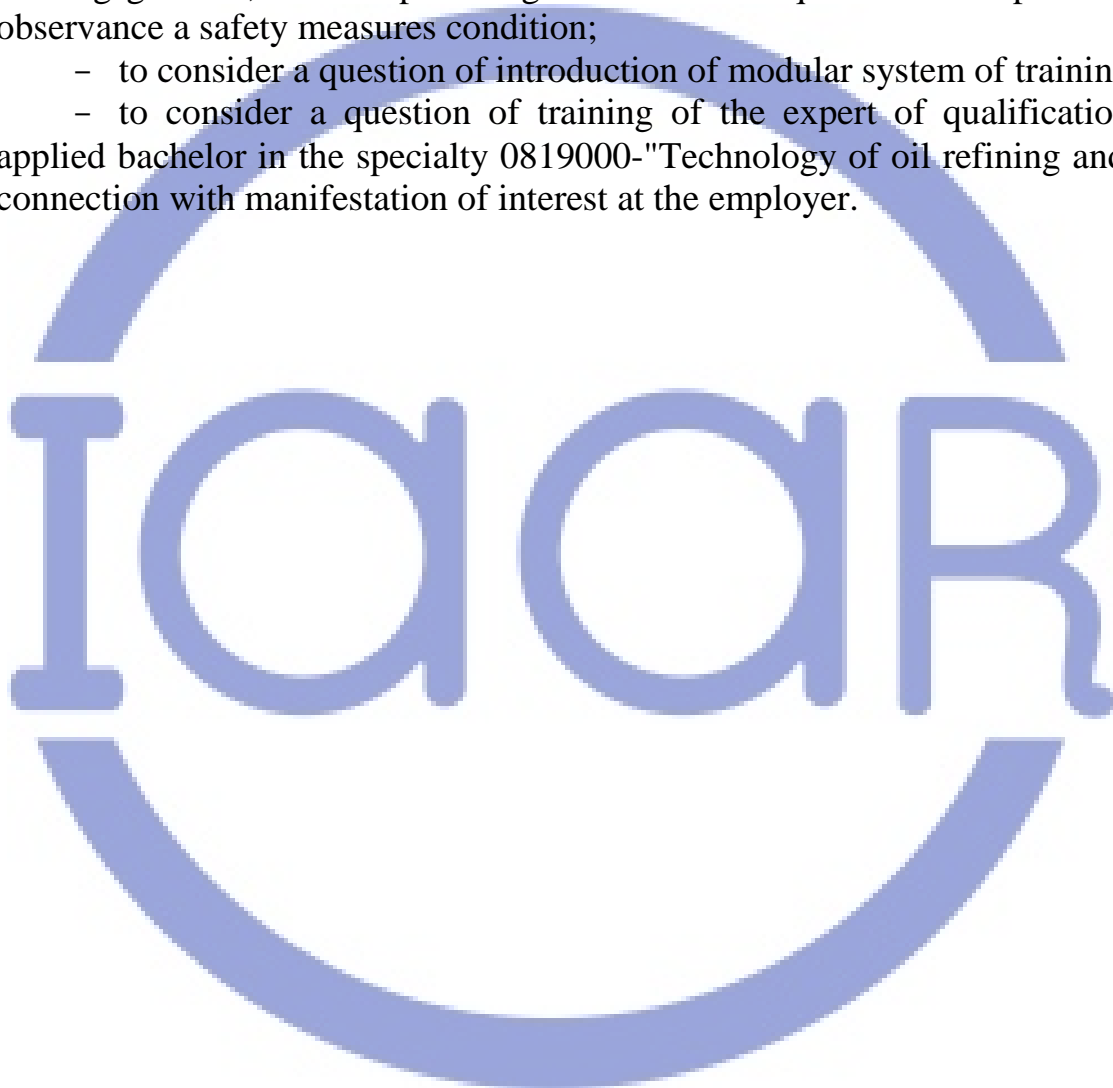
"Resources Used at Implementation of Educational Programs" standard.

- to fill up book fund with educational and educational and methodical literature and grants and also electronic textbooks in a state language;

- to strengthen work on updating of material and technical resources on the специальности0819000th "Technology of oil refining and gas" and 1302000-"Automation and management";
- to pay attention to storage conditions, utilization on the termination of a period of storage of the chemical reagents and reactants applied in laboratory offices.

"Standards in a Section of Separate Specialties" standard

- to continue works on modern technological equipment of laboratories, training grounds, workshops taking into account requirements of production and observance a safety measures condition;
 - to consider a question of introduction of modular system of training
 - to consider a question of training of the expert of qualification of the applied bachelor in the specialty 0819000-"Technology of oil refining and gas" in connection with manifestation of interest at the employer.



Estimated table "PARAMETERS of the SPECIALIZED PROFILE"

payment order No.	Evaluation criteria	Position of the organization of education			
		Strong	Satisfactory	Assumes improve	Unsatisfactory
Management of the Educational Program standard					
1	The TVE organization shows development of the development plan for EP, its orientation on satisfaction of needs of the state, interested persons and students.		+		
2	The TVE organization has to provide adequacy of the development plan for EP to the available resources, requirements of labor market and educational policy of RK.		+		
3	The TVE organization has to involve representatives of groups of interested persons, including students, pedagogical collective and employers in formation of the development plan for EP.		+		
4	The TVE organization shows transparency of processes of formation of the development plan for EP. The TaPE organization provides knowledge of interested persons of contents of the development plan for OP and processes of his formation.		+		
5	The TVE organization has to define mechanisms of formation and regular revision of the development plan for EP and monitoring of his realization.		+		
6	The TVE organization systematically collects, accumulates and analyzes information on realization of EP and carries out self-inspection in all directions, develops and revises the development plan for EP		+		
7	The development plan for EP undergoes public discussion with representatives of all interested parties on the basis of which offers and amendments the authorized collegial body of the TaPE organization makes changes to the project.		+		

8	The TVE organization shows extent of realization of the principles of stability, efficiency, effectiveness, priority, transparency, responsibility, delegation of powers, differentiation and independence of system of financing.		+		
9	Management of EP has to include:				
9.1	management of activity through processes		+		
9.2	mechanisms of planning, development and continuous improvement		+		
9.3	monitoring, including creation of the processes of the reporting allowing to define dynamics in activity and implementation of plans		+		
9.4	analysis of efficiency of changes		+		
9.5	assessment of effectiveness and efficiency of activity of divisions and their interaction"		+		
10	In the TVE organization all main business processes regulating realization of OP have to be documented	+			
11	The TVE organization has to about show accurate definition responsible for business processes, unambiguous distribution of functions of personnel, differentiation of functions of the collegial bodies which are taking part in realization of OP	+			
12	The TVE organization has to about show an order of a statement, periodic reviewing (revision) and monitoring of the educational programs and documents regulating this process		+		
13	The TVE organization has to provide existence and effective functioning of the system of informing and feedback focused on students, workers and interested persons	+			
14	The management of EP has to show successful functioning of system of ensuring quality of OP including her design, management and monitoring, their improvement, decision-making on the basis of the facts		+		
15	The management of EP has to produce the evidence of transparency of a control system of the educational program		+		
16	The TVE organization has to show existence and proofs of intensive use in management processes of EP of system of collecting and the analysis of		+		

	statistics				
17	The management of EP has to provide measurement of degree of satisfaction of needs of pedagogical collective, personnel and students and to show proofs of elimination of the shortcomings found within measurement process		+		
18	The management of EP has to show proofs of openness and availability to students, pedagogical collective, parents	+			
TOTAL		4	18		
Specifics of the Educational Program standard					
Evaluation criteria: maintenance of OP					
19	The TVE organization has to show existence of the developed models of the graduate of the educational program including knowledge, abilities, skills, basic and professional competences, personal qualities	+			
20	The TVE organization has to produce the evidence of participation of pedagogical collective and employers in development of OP, ensuring their quality		+		
21	The TVE organization has to determine the content, volume, logic of interrelation of subject matters and also influence of disciplines, inservice training and professional practice on formation of basic and professional competences of graduates		+		
22	The management of EP has to show existence in the maintenance of subject matters of a professional context		+		
23	The management of EP has to show existence of effective balance between the theoretical and praktiko-focused disciplines		+		
24	The list and content of disciplines have to be available to students. Disciplines have to take up more exhaustively all questions, problems which are available in the taught area		+		
25	It is necessary to provide different types of activity which maintenance has to contribute to the development of basic and professional competences of students taking into account their personal features in structure of the educational program		+		

26	Important factor is the renewability of educational programs taking into account the interests of employers		+		
Evaluation criteria: EP individualization					
27	The management of EP has to provide equal opportunities to students, including regardless of training language		+		
28	The management of EP has to provide existence and effective functioning of system of the individual help and consultation of students concerning educational process		+		
29	The management creates conditions for effective development of EP		+		
30	The management of EP has to show use of advantages, specific features, requirements and cultural experience of EP studying at realization		+		
31	The management of OP has to show individual support of students at realization of OP		+		
32	The management of EP has to prove existence of system of monitoring of achievements of students		+		
Evaluation criteria: assessment of results of students					
33	The management of EP has to provide existence and effective functioning of the mechanism of objective, exact and exhaustive assessment of results of training		+		
34	The management of EP has to provide objectivity of assessment of results of training and degree of formation of basic and professional competences of students, transparency and adequacy of tools and mechanisms of their assessment		+		
35	The management of EP has to provide compliance of assessment procedures of level of knowledge, skills of students to the planned results of training and the purposes of the program		+		
36	The management of EP has to carry out diagnostics of knowledge, skills of students at the beginning of training in a course and studying of subject matters		+		
37	Processes and criteria for evaluation of results of training have to be transparent		+		
38	The management of EP has to provide formation at the studying skills for continuation of training at the following educational levels		+		
Evaluation criteria: training technique					

39	The management of EP has to provide systematic development, introduction and efficiency of active methods of training and innovative methods of teaching		+		
40	At implementation of the educational program monitoring of independent work of the student has to be carried out		+		
41	The management of EP has to provide a possibility of passing of inservice training and professional practice on specialty/qualification with students and carry out monitoring of satisfaction of students, heads of the enterprises – places the practician and employers		+		
42	The management of EP has to provide introduction of results of practical achievements of teachers in educational process		+		
TOTAL		1	23		
"Pedagogical Collective and Efficiency of Teaching" standard					
43	The guide of EP has to attract practicians to implementation of educational programs and define a share of the disciplines read by them			+	
44	The management of EP has to motivate pedagogical collective constantly to apply innovations in educational process		+		
45	The management of EP has to show compliance of personnel potential of pedagogical collective to specifics of educational programs		+		
46	The TIPO organization has to show availability to the public of information about pedagogical collective	+			
47	The management of EP has to provide monitoring of activity of pedagogical collective, systematic assessment of competence of teachers, complex assessment of quality of teaching		+		
48	Working load of teachers has to include different types of activity. The management of OP has to show proofs of performance by teachers of all types of the planned loading	+			
49	The management of EP has to provide purposeful actions for development of young teachers		+		
50	The management of EP has to show mechanisms of stimulation of professional and personal development of teachers and workers		+		
51	The management of EP has to provide monitoring		+		

	of satisfaction of pedagogical collective				
52	The management of EP has to show IT competence of pedagogical collective, application of innovative methods and forms of education		+		
53	Important factor is participation of pedagogical collective in life of society		+		
TOTAL		2	8	1	
Students standard					
54	The management of EP has to show policy of formation of the contingent of the studying OP and transparency of her procedures	+			
55	The management of EP has to show understanding of the main roles (professional, social) students proceeding from results of training		+		
56	Important factor is the possibility of professional certification of students in the field of specialization in the course of training		+		
57	Important factor is existence of programs of support of gifted students.		+		
58	The management of EP has to apply the maximum number of efforts to providing graduates with employment and maintenance of communication with graduates		+		
59	Important factor is monitoring of employment and professional activity of graduates		+		
60	The management of EP has to stimulate actively students to self-education out of the main program (within extracurricular activities)			+	
61	The management of EP has to provide an opportunity to students for exchange and expression of opinions		+		
62	The management of EP has to create the mechanism of monitoring of satisfaction of students with activity of the TaPE organization in general and separate services in particular		+		
63	The management of EP has to show functioning of system of the feedback including expeditious submission of information on results of assessment of results of training	+			
TOTAL		2	7	1	
"Resources Used at Implementation of Educational Programs" standard					
64	The management of OP has to provide availability to students of the greatest possible number of the structured, organized information on the taught		+		

	disciplines: for example, presentation materials, abstract of lectures, obligatory and additional literature, practical tasks, etc.				
65	The educational equipment and software used for development of educational programs have to be similar applied in the relevant branches and meet safety requirements at operation			+	
66	The TVE organization creates the training environment promoting formation of basic and professional competences and considering individual needs, and possibilities of students		+		
67	The TVE organization has to create conditions for development of applied skills of students and pedagogical collective on the studied disciplines and a possibility of realization of these skills within the competitions and competitions or otherwise in practice		+		
68	The TVE organization has to carry out assessment of dynamics of development of material resources and information support of OP			+	
69	In the TVE organization an environment of training of EP which enter has to be created:				
69.1	technological support of students and pedagogical collective according to specifics of the educational program		+		
69.2	the academic availability – students have access to the personified educational resources		+		
69.3	the academic consultations – are available the personified educational resources which help students		+		
69.4	vocational guidance – students have access to the personified educational resources assisting in the choice and achievement of career ways		+		
69.5	the necessary number of the audiences equipped with modern technical means of training, meeting sanitary and epidemiologic standards and requirements			+	
69.6	necessary quantity of computer classes, reading rooms, multimedia and language laboratories, number of seats in them		+		
69.7	book fund, including fund of educational and methodical literature on paper and electronic media, periodicals in a section of languages of training		+		

69.8	free access to educational Internet resources	+			
70	The management of EP has to define extent of introduction of information technologies in educational process of EP, carry out monitoring of use and development of training by pedagogical collective of innovative technologies, including on the basis of ICT		+		
71	The management of OP has to show reflection on a web resource of information characterizing OP	+			
ИТОГО		2	10	3	
"Standards in a section of separate specialties"					
Education					
72	Educational programs for the Education direction, such as "Preschool education and training", "The organization of educational work (on levels)", "Primary education", etc. have to meet the following requirements:				
72.1	The management of EP has to show presence at graduates of the program of the praktiko-focused knowledge in the field of psychology and skills in the field of communications, the analysis of the personality and behavior, techniques of prevention and resolution of conflicts, motivation of students				
72.2	The management of EP has to show, literacy of graduates of the program in the field of the information technologies conforming to requirements of the educational sphere, wide use of information and communication technologies in the organizations of education				
72.3	The management of EP has to show existence in the program of the disciplines training the organizations of educational process, to innovative techniques of teaching and planning of training, including interactive methods of training				
72.4	The management of EP has to show at students of existence of ability of formation of skills of self-training				
72.5	The management of EP has to show that it has the accurate, proved by the analysis and the facts idea of what specialties (qualifications) and skills within separate specialties are demanded in the market what approximate number of the experts demanded in the market on the taught specialty and to give examples of successful employment of				

	the most part of graduates in the specialty (qualification) in the first half a year after completion of training				
--	---	--	--	--	--

Social sciences, services, economy, business and right

73	Educational programs for the "Service, Economy and Management" and "Right" directions, such as "Law-enforcement activity", "Patent science", "Translation business (by types)", "Tourism (on branches)", "Catering services", "Social work", "Marketing (on branches)", "Finance", etc. have to meet (for branches) the following requirements: the management of EP has to guarantee access for students to the most modern and relevant data (statistics, news, scientific results) in the field of specialization on paper (newspapers, collections of statistical data, textbooks) and electronic media				
74	OP have to meet for the "Social Sciences, Economy and Business" and "Right" directions also following requirements:				
74.1	the purposes and results of OP have to be directed to obtaining by students the concrete skills demanded in labor market				
74.2	the management of EP has to show that graduates of the program have these skills and that these skills are really demanded in the market				
74.3	OP has to include essential amount of the disciplines and actions directed to obtaining practical experience of use of theoretical knowledge by students as a work practice, training at the enterprises, participation in lectures and master classes of the practicing experts, etc.				

Natural and technical science

75	Educational programs for the technical directions, such as "Metallurgy and mechanical engineering", "Communication, telecommunications and information technologies", "Production, installation, operation and repair (on branches)", "Communication, telecommunications and information technologies", etc. have to meet the following requirements:				
----	---	--	--	--	--

75.1	For the purpose of acquaintance of students with the professional environment and topical issues in the field of specialization and also for acquisition of skills on the basis of theoretical preparation the education program has to include the disciplines and actions directed to obtaining practical experience and skills in the specialty in general and to the main subjects in particular including.		+		
75.1.1	excursions to the enterprises in the field of specialization (the plants, masterful, research institutes, laboratories, etc.)	+			
75.1.2	holding separate occupations or the whole disciplines at the enterprise of specialization			+	
75.1.3	use of workshops for carrying out a practical training, solutions of the practical tasks relevant for the enterprises in the field of specialization, etc.		+		
75.2	The pedagogical collective involved in OP has to include the practitioners having experience at the enterprises in the field of specialization of OP.		+		

ART

76	Educational programs for the Art and Culture direction, such as "Welfare activity and amateur and folk arts (on a profile)", "Tool performance and musical art of a platform (by types)", "Painting, a sculpture and graphics (by types)", "The theory of music", etc., have to meet the following requirements				
76.1	The management of EP has to show presence at graduates of the program of theoretical knowledge in the field of arts, practical skills of self-expression through creativity, such as molding, drawing, singing, etc.				
76.2	The management of EP has to show at students skills of self-training and self-development, ability to activity in the sphere of art				
76.3	OP has to include the maximum possible quantity of disciplines and actions within which skills are taught students individually or in little groups, for example, holding master classes of honored workers of area of specialization				
76.4	The management of EP has to organize for the actions studying the greatest possible quantity promoting demonstration by students, the acquired				

	creative skills, for example, concerts and exhibitions				
76.5	OP has to promote enrichment of creative experience in the different types of practical activities peculiar to specialty				
76.6	For the purpose of acquaintance of students with the professional environment and topical issues in the field of specialization and also for acquisition of skills on the basis of theoretical preparation of OP has to include the disciplines and actions directed to obtaining practical experience and skills in the specialty in general and to the main subjects in particular including:				
76.6.1	excursions to the enterprises in the field of specialization (the museums, theaters, design offices, etc.)				
76.6.2	holding separate occupations or the whole disciplines at the enterprise of specialization				
76.6.3	holding seminars for the solution of the practical tasks relevant for the enterprises in the field of specialization, etc.				
76.7	Important factor within OP is existence of the mechanism of joint assessment of creative examination-papers of students				
TOTAL		1	3	1	
TOTAL GENERALLY		13	69	3	