

To the Accreditation Council
of the Eurasian Center for Accreditation
and Quality Assurance in Higher Education and Health Care

January 13, 2023

REPORT
of THE EXTERNAL EXPERT COMMISSION ON THE RESULTS of THE
EVALUATION of THE ASSOCIATION of LEGAL ENTITIES BY THE
SELF-REGULATORY ORGANIZATION
"UNION of DISINFECTIONIST of KAZAKHSTAN"
FOR COMPLIANCE WITH THE STANDARDS of INSTITUTIONAL
ACCREDITATION of ORGANIZATIONS of ADDITIONAL AND NON-
FORMAL EDUCATION (CONTINUING PROFESSIONAL DEVELOPMENT)

external expert evaluation period: December 21-22, 2022

Astana, 2023

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LIST of SYMBOLS AND ABBREVIATIONS

Abbreviation	Designation
EEC	External expert commission
SCES	State standard of education
DDD	Disinfection, disinsection, deratization
AE	Additional education
DET	Distance Education Technologists
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Higher Education and Health care
MoH RoK	Ministry of Health of the Republic of Kazakhstan
NLA	Regulatory legal acts
CPD	Continuing professional development
OK	Quality Department
EP	Educational programme
ALE SRO «DUK»	Association of Legal Entities Self-Regulatory Organization "Union of Disinfectionists of Kazakhstan"
PC	Advanced training
TS	Teaching staff
QMS	Quality Management System
AMW	Average Medical Workers
SOP	Standard Operating Procedures
IWL	Independent work of the listener
LLP	Limited Liability Partnership
EMC	Educational and Methodological Council

1. Composition of the External Expert Commission

In accordance with ECAQA Order No. 31 dated December 13, 2022, an External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external institutional assessment of ALE SRO "Union of Disinfectionists of Kazakhstan" in the period of December 21-22, 2022, as follows:

Item No.	EEC Status	Full name	Academic degree/title, position, place of work/place of study, course, specialty
1	Chairperson	Urazova Saltanat Nurgozhayevna	Doctor of Medical Sciences, Head of the Department of Family Medicine № 3 of NJSC "Medical University of Astana"
2	Foreign expert	Urmбетova Zhumakan Samoybekovna	Candidate of Chemical Sciences, Acting Associate Professor of the Department of Management and Economics of Pharmacy, Technology of Medicines named after Professor E.S. Matyev, Kyrgyz State Medical Academy named after I.K. Akhunbaev
3	Academic expert	Yerzhanova Farida Nurmukhambetovna	Head of the Department of Science and Vocational Education of the RSE at the REM "Hospital of the Medical Center for the Management of the Affairs of the President of the Republic of Kazakhstan", Deputy Chairperson of the PMU for Additional Education at the EMO WEMC in the direction of training "Health care"
4	Employers' Representative	Zhukubaeва Almira Asetkyzy	Master in Pedagogy and Psychology, Head of the Department of Education of the National Scientific Oncology Center LLP

ECAQA observer – Umarova Makpal Aldibekovna, Head of Accreditation and Monitoring Department.

The work of the EEC was carried out in accordance with the Regulation on the EEC.

The EEC report contains the assessment of the ALE SRO "Union of Disinfectionists of Kazakhstan" for compliance with the Standards of institutional accreditation of organizations of additional and non-formal education (continuing professional development) (hereinafter referred to as the Accreditation Standards), the EEC recommendations for further improvement and recommendations for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Presentation of ALE SRO "Union of Disinfectionists of Kazakhstan"

Name of organization, legal form of ownership, bin	Association of Legal Entities Self-Regulatory Organization "Union of Disinfectionists of Kazakhstan" BIN 210540029415
Control body	General meeting of members (participants of SRO DUK)
Full name of the Chief Executive Officer	Artykbaeva Aislu Izgilikovna
Created on	25.05.2021
Location and contact details	Republic of Kazakhstan, 010000, Astana city, Esil district, Mangilik el 10 street, 87053783170
State license for educational	Under the RoK Education Act, supplementary and non-

activities - date, number (if applicable)	formal education is an unlicensed activity.
Information on branches, subsidiaries (if any)	<ol style="list-style-type: none"> 1. Contract of gratuitous lease of the production base PMI "Healthy Generation", Aktobe 2. Contract of gratuitous lease of the production base IE "ProfDesAktau", Aktau 3. Gratuitous lease agreement for the production base of Shymkent-Desinfection LLP, Shymkent 4. Agreement on gratuitous lease of the production base of Dez SAN LLP in Almaty 5. Contract of gratuitous lease of the production base of KazSanAudit LLP. Uralsk
Year of commencement of additional and non-formal education programmes , total number of programmes and number of trainees	<p>Additional education programmes – 6, 60 hours (2), 120 hours (2), 300 hours certification course (2)</p> <p>There are no non-formal education programmes.</p> <p>Educational activities are planned for 2023, so there is no information about trained students.</p>
Full-time teachers/ part-time employees involved in the implementation of additional education programmes, incl. % of degree	<p>Total number of teachers – 4, including:</p> <ul style="list-style-type: none"> – Moldayazova Lyazzat Tynyshtykovna, Candidate of Medical Sciences – Kuandykov Ersultan Ayapbergenov, Candidate of Medical Sciences – Kasenkhan Kabiyeu – Kushakanova Khalifa Tynymbaevna <p>Degree, % - 50%, highest category 75%</p>
The presence of a unit responsible for the educational process in additional and non-formal education	<p>ALE SRO DUK Education Centre</p> <p>Year of creation: 2022</p> <p>Head Artikbayeva Aislu Izgilikovna</p>
Site Instagram Facebook with active pages	<p>https://dezkaz.kz/</p> <p>https://instagram.com/dez.kaz?igshid=ZmRIMzRkMDU=</p> <p>https://www.facebook.com/profile.php?id=100088629553600</p>
Information on accreditation as a medical organization (date, number, period)	Not implemented

Thus, the Association of Legal Entities (ALE) Self-Regulatory Organization (SRO) Union of Disinfectants of the Republic of Kazakhstan (DUK) is a centralized body established in 2021.

Centralization allows you to combine, concentrate all efforts and develop in a single direction to all organizations engaged in the field of disinfection, disinfestation and deratization services. Centralization also allows you to train employees of their organizations with a significant discount, which is a motivation. In addition, the SRO has contracts with organizations for practical training, i.e. students have the opportunity to study at production bases.

2.2 Information on previous accreditation

AE currently accredited by ALE SRO «Union of Disinfectionists of Kazakhstan» not performed.

2.3 Conclusion on the results of reviewing the report on institutional self-assessment of SRO "Union of Disinfectionists of Kazakhstan" for compliance with the Standards of

institutional accreditation of organizations of additional and non-formal (CPD) education and conclusions

The SRO institutional self-assessment report “Union of Disinfectionists of Kazakhstan” (hereinafter referred to as the report) is presented on 55 pages of the main text, appendices on 11 pages, copies or electronic versions of documents located at <https://cloud.mail.ru/public/M2qv/mV7pyXz9S>.

The report is characterized by the completeness of responses to all 8 main accreditation standards (Standard 9 “Continuous Improvement” in connection with the planned recruitment of students in 2023 will be considered within the framework of post-accreditation monitoring with a positive accreditation decision) and criteria, structured taking into account the recommendations of the ECAQA Self-Assessment Guidelines for Medical Educational Organizations provided by the Union of Disinfectionists of Kazakhstan (hereinafter referred to as SRO) accreditation center, as well as internal unity of information. The report is accompanied by a cover letter signed by THE head of the SRO Artykbaeva Aislu Izgilikovna, which confirms the reliability of the quantitative information and information included in the self-assessment report.

The report contains a list of 4 members of the internal self-assessment commission indicating the responsibility of each employee, information about the representative of the organization responsible for conducting the institutional self-assessment – the Chairperson of the SRO, the head of the educational center Artykbaeva Aislu Izgilikovna. The institutional self-assessment was carried out on the basis of the Chairperson's Order No. 13 dated March 11, 2022 “On Institutional Accreditation”.

The report was reviewed by a team of experts (see paragraph 1) and the reviews noted the strengths and areas for improvement, as well as recommendations for additions and changes, which in the process of feedback from the representative of the educational organization were taken into account and the self-assessment report was amended accordingly.

All standards give the real practice of organization of education on training of trainees on programmes of additional education. The description in the self-assessment report is quite complete and updated in terms of the number of students, teachers, administration, information on selection and admission, learning outcomes, results of knowledge and skills assessment. Included information about its own material and technical base - 3 offices and it is planned to rent 2 conference rooms, as well as third-party practical bases (total - 5), contractual obligations with partners (universities, bases), financial information, plans for development and improvement, etc.

The report is presented in ECAQA in a completed form, with correction of the data on the above recommendations, written in a competent language, the wording for each standard is clear and understandable and described in accordance with the criterion of standards, the tables contain references in the text and have end-to-end numbering.

The quality of the institutional self-assessment report served as the basis for moving to the next stage of the accreditation procedure – external assessment. Experts plan to validate the report data, compare the information from the report with the information that will be obtained during the visit to the educational organization, i.e. verification of quantitative and qualitative indicators.

3. Description of the external peer review

External expert work within the framework of the institutional evaluation of SRO was organized in accordance with the Guidelines for the external evaluation of educational organizations and educational programmes of ECAQA and in accordance with the programme approved on December 19, 2022 by the Director General of ECAQA Sarsenbayeva S.S. and agreed with the Chairperson Artykbaeva A.I. Date of visit to the organization: December 21-22, 2022.

The external evaluation is aimed at validating the data of the institutional self-assessment report and verifying indicators indicating the degree of compliance with the criteria of accreditation standards.

The sequence of the visit for 2 days is presented in detail in the Visit Programme (hereinafter referred to as the programme), which is contained in the documentation of the accreditation center.

The programme is proof of the implementation of all planned activities as part of an external peer review.

To obtain objective information, the EEC members used the following methods and their results:

- interviews with management and administrative staff – 3 people;
- study of the website: dezkaz.kz;
- interviewing 7 employees, 4 teachers;
- supervision of the training of students: attendance at 1 practical online lesson (the topic "Basic principles of prevention and measures to combat infectious diseases", teacher - Moldayazova L.T., the teacher demonstrated the lesson plan, tests, situational tasks and the material of the lecture, the venue of Aktobe).
- review of resources in the context of implementation of accreditation standards: an interview was conducted with representatives of the practical bases of engagement of Constanta DOC LLP in Almaty, KazSanAudit LLP, where training will be conducted on 6 educational programmes.
- study of educational and methodological documents in the amount of 47 units. Both AE visits to the organization and during visits to departments (list of studied documents in **Attachment 2**).

The staff of the accredited organization ensured the presence of all persons indicated in the visit programme and on the lists of interviews and interviews (Table 1).

Table 1 - Information on the number and category of participants in meetings, interviews, interviews with EEC members

№	Name	Position
1	D.K. Tausarov	Head of SRO
2	A.B. Tankeev	Deputy Head of SRO
3	Artykbaeva A. I.	Chairperson of SRO
4	Moldayazova L.T.	Teacher
5	Kushakanova H.T.	Teacher
6	Utegenova A.E.	Registrar
7	D.G. Kazieva	Employee of the production base
8	Melnychuk E.A.	Employee of the production base
9	Aishuakova A.A.	Employee of the production base
10	Dzhakupov A.K.	SRO PARTNER
11	Alpysbayev a.m.	Representative of practical health care, production, business
12	Seidakhmetova A.	Representative of practical health care, production, business

On the last day of the visit to the organization, a meeting of EEC members was held on the results of an external evaluation. EEC members have started designing the final EEC report. The results of the external evaluation were summarized. The experts individually completed the "Institutional quality profile and criteria for external evaluation of SROS for compliance with the ECAQA Accreditation Standards". No comments were made by EEC members. The recommendations for improvement for the organization of education were discussed and the chairperson of Urazova S.N. held a final open vote on the recommendations for the ECAQA Accreditation Council on the accreditation period.

For the work of the EEC, comfortable conditions were created, access to all necessary information and material resources was organized. The Commission notes that the information requested by EEC members was provided on time.

The survey of students was not carried out due to the lack of the beginning of refresher courses. There was also no survey of teachers due to the lack of full-time teachers.

At the end of the programme of the visit, the EEC chairperson announced recommendations for the management and employees of the educational organization on the results of an external assessment within the framework of institutional accreditation.

4. Analysis for compliance with accreditation standards based on the results of the external assessment of SRO "Union of Disinfectionists of Kazakhstan"

Standard 1: MISSION AND END OUTCOMES

Evidence of compliance:

1.1 Mission

The mission of the Self-Regulatory Organization "Union of Disinfectionists of Kazakhstan" (hereinafter – SRO) is aimed at the development of activities in the field of disinfection, disinsection and deratization, including the production and sale of appropriate disinfectants, as well as the continuing professional development of specialists in this field. Stakeholders are SRO members, state-owned enterprises (healthcare, education, catering, etc.) and the disinfection business structure. The mission was developed and approved BY the members of the SRO, which includes representatives of practical healthcare and business (EMC Protocol No.1 dated September 19, 2022).

According to the results of the visit programme, namely, according to the results of the interview with the chairperson of the SRO and the head of the educational center Artykbaeva A. I., the founders of the SRO Tausarov D.K. and Tankeev A.B., the chairperson of the Educational and Methodological Council and teacher Moldayazova L.T., an interview with the teacher Kushkanova H.T. (interviews with students were not conducted, since the classes are planned only if they are accredited), the compliance of the SRO with the criteria of **standard 1** was established. Thus, all participants of the educational process were acquainted with the mission of the organization of education, took part in the formation of proposals for the formulation of the mission. The mission of the organization is publicly available on the organization's website, i.e. the information of students, employers, as well as specialized medical organizations that are members of the SRO, took part in its development was brought to the attention of the AE.

The organization approved the Strategic Development Plan for 2022-2027 (Order of the Chairperson of ALE SRO "DUK" No.3 dated September 19, 2021), which reflects 7 goals, including the organization of training in the form of seminars, master classes, trainings, advanced training and certification courses for specialists with higher and secondary medical education in the field of disinfection, disinfestation and deratization. The directions provided in the Strategic Development Plan confirm the implementation of the accreditation standard and demonstrate the goals, objectives and prospects of the organization. Interviews with students and graduates of additional education programmes were not conducted, since this accreditation is carried out for the first time and the organization plans to start educational activities only after passing the accreditation. However, before the start of classes, teachers plan to inform students about the mission, plans for the organization of education. In addition, it is also possible to obtain the necessary information about the educational programme, teachers, training bases on the organization's website.

In the process of visiting the units, it is necessary to note the following strengths of the organization of education:

- the existence of a mission of the organization, reflecting continuing professional development, in the development of which most of the stakeholders participated;
- availability of a strategic development plan that meets the criteria of this standard;
- availability of simulation class;
- availability of graduate teaching staff.

In addition, the organization has a separate structural unit - an educational center with its own Regulation (approved by the order of the chairperson of SRO No.7 dated September 19, 2022), which coordinates, organizes and controls the educational activities of the organization. It also provides for the educational and methodological council, which carries out educational and methodological work, the organization and holding of conferences, seminars, round tables on problematic issues in education.

Thus, the submitted documents demonstrate that the stated mission corresponds to the country's policy and problematic issues that ensure safety, and the educational process is built in accordance with the current legislation and regulations (NLA) on additional education and health care.

At the same time, during meetings with teachers and employers, business representatives, experts determined *that representatives of production bases did not participate directly in the development of the Mission.*

1.2 Professionalism and professional autonomy

The organization is a professional public association, which included representatives of state enterprises in the field of health, education, public catering, business structures in the field of disinfection. During the development of the Mission, the legislative framework (unlicensed disinfection activities), the unfavorable epidemiological situation in the country (including cases of registration of mass poisoning and mortality), the absence of a disinfection institute in the country, the lack of professional standards and professional training programmes, uncontrolled implementation, transportation, storage and sale of disinfection, disinfection and deratization agents (hereinafter referred to as DDD means), unprofessional use of DDD means, which leads to insecurity for the health of the population of the country when using the above means were taken into account.

The organization has developed and approved 6 educational programmes for additional education (advanced training – 4, certification programmes – 2), which were reviewed (reviews are available) and approved at the meeting of the educational and methodological council (Minutes No.1 dated September 19, 2022). The programmes are developed by the teaching staff according to the needs and are focused on solving the current epidemic situation in the country. The theoretical part of the programmes will be implemented offline or online (IS MODL) for teaching staff with a degree of candidates of medical sciences and experience in professional and pedagogical activities, the practical part in the simulation class and at production bases (LLP "Des-San" in Almaty, LLP "KazSanAudit" WKR, PMI "Healthy Generation" in Aktobe). There are individual part-time contracts with teachers and production facilities for practical training. It is planned to attract specialized specialists with at least 3 years of practical experience to conduct practical training.

Instrumentation in the form of tests is available. A control knowledge slice will be held at the entrance and at the end of the courses, knowledge control at the end of certification courses – in an independent center for assessing knowledge and skills.

To verify **Standard 1**, a meeting was held with the head of the organization Artykbaeva A. I., who is also the head of the educational center. During the conversation, the experts asked the following questions: CTT is involved as teachers, than the requirements for teachers are approved, how the survey of students and teachers will be conducted, what clinical bases will be used, what forms of training will be used, where educational programmes are approved. During the answers, the director of the organization confirmed that by the order of the head of the organization, the requirements for teachers were approved in the Regulations on Educational Activities (September 21, 2022), provided questionnaires and demonstrated them in the MODL information system, provided contracts with the production bases of Des-San LLP in Almaty, KazSanAudit LLP WKR, PMI "Healthy Generation" in Aktobe, provided a conversation with representatives of production bases, explained that educational services will be provided in offline and online forms (IS MODL, ZOOM).

The survey of students was not carried out due to their absence. However, questionnaires for students, teachers and employers are posted on the organization's website (<https://webanketa.com/>). The questionnaire for students includes 22 questions that are devoted to the quality of the educational process and the variety of training programmes, and also provides for such questions as: will students recommend studying in this educational organization to their acquaintances, friends, relatives? Do trainees feel that supervisors and teachers are aware of trainees' learning problems? Do students believe that this educational organization allows you to improve the necessary knowledge and skills in your specialty?

The interviewed two teachers orally answered that they are satisfied with the organization of work and work place in this educational organization. Experts have determined that the organization has a healthy microclimate, since the head is quite accessible to both listeners and employees, responds promptly to the stated questions. Questioning teachers in the form of two questionnaires: on the satisfaction of the microclimate in the organization and the availability of the opportunity to be realized as a professional in his specialty, the second – on the satisfaction of students.

1.3 Learning outcomes

Currently, the authorized body in the field of health care and medical education has not approved Professional standards, standard curricula (there is no competence). In this regard, the SRO has approved competencies (knowledge, skills, abilities) in educational programmes that the student must master upon completion of training. Students can get acquainted with the educational programmes on the organization's website, which experts got acquainted with during the work of the AE of the organization's visit and during its visit.

Given that the organization, without having accreditation, did not conduct and does not conduct training, interviews with students were not conducted and it was not possible to determine the satisfaction of teachers with the previous level of training of students.

Thus, the establishment by experts of continuity between the final results of previous training and the programmes of continuing professional development offered in the accredited educational organization was possible only on the basis of the educational programmes provided.

The organization has developed 6 additional education programmes:

- certification cycle (300 hours) on the topic "Disinfection business" for the specialty and (or) specialization (in accordance with the Nomenclature of specialties and specializations) "Health Management (Public Health)";
- certification cycle (300 hours) on the topic "Epidemiology and fundamentals of disinfection" for the specialty and (or) specialization (in accordance with the Nomenclature of specialties and specializations) "Hygiene and epidemiology (specialist)";
- advanced training (120 hours) on the topic "Actual problems of epidemiology and disinfection at the present stage" for the specialty and (or) specialization (in accordance with the Nomenclature of specialties and specializations) "Hygiene and epidemiology (specialist)";
- advanced training (120 hours) on the topic "Selected issues of epidemiology and disinfection" for the specialty and (or) specialization (in accordance with the Nomenclature of specialties and specializations) "Health Management (Public Health)";
- advanced training (60 hours) on the topic "Topical issues of disinfection" for the specialty and (or) specialization (in accordance with the Nomenclature of specialties and specializations) "Hygiene and epidemiology (specialist)";
- advanced training (60 hours) on the topic "Epidemiology and Disinfection" for the specialty and (or) specialization (in accordance with the Nomenclature of Specialties and Specializations) "Health Management (Public Health)".

Informing about the number and variety of programmes is carried out through information resources (website, Instagram, Facebook).

Respondent teachers' assessment of learning outcomes was not carried out due to the lack of trainees.

1.4 Participation in the formulation of the mission and outcomes

The mission formulated and determined the final learning outcomes for each educational programme, taking into account the proposals of such stakeholders as members of THE SRO, which includes representatives of state enterprises in the field of health and education, the business structure of the disinfection sector. Thus, all additional programmes are drawn up on the basis of the current epidemiological situation in the country (pandemic, mass poisoning, mortality, etc.) and proposals for practical health care, since the production, storage and disposal of DDD funds is not licensed in the country, there are also cases of mass poisoning, including fatalities.

At the same time, when talking with employers, experts, *a clear answer to the question* "Do you participate in the formulation of the mission and goals of the organization, the educational programme?", "What personal contribution, for example, of listeners to the improvement of content, teaching methods?". These questions were not clearly answered by the employers.

EEC Conclusions on Criteria. Comply with 11 criteria of the standard: fully - 10, partially - 1, do not comply – 0.

Standard 1: Implemented.

Recommendations for improvement identified during the external visit:

1) Include stakeholders in the discussion and approval of the mission in order to ensure relevance and take into account the needs of practical health care (1.4.2).

Standard 2: EDUCATIONAL PROGRAMME

Evidence of compliance:

2.1 Model of educational programmes of additional and non-formal education

For the implementation of educational programmes of additional education in the documents of the organization there are educational programmes and syllabuses, which define the goal, take into account the integration of practical and theoretical components, independent work. Compliance with the Standard Programmes and Standard Requirements has been established. According to the head of the educational center and teachers, the training will be conducted within the time limits stated by the students, before the start of the classes, the students will answer the tests, receive feedback from the teacher, have the opportunity to improve the skills provided for in the programme. The organization ensures compliance with ethical aspects in the implementation of educational programmes, which is confirmed by the existing code of business ethics (Minutes No.2 dated June 7, 2021).

Analysis of educational activities showed that the scientific basis and all the achievements of science in the advising disciplines are taken into account, included in the bibliography of educational programmes and syllabuses, and teachers will apply them in the classroom.

Self-study of students is represented by homework (essays, essays, etc.).

Training of students will be carried out in accordance with the current policy of professional organizations, since the Mission of the organization is aimed at the development of activities in the field of DDD, production and implementation of DDD funds, which is reflected in educational programmes that will improve the existing knowledge and skills of specialists and fill them with new trends existing in the world. This will require the participation of the organization itself and its members separately in scientific research, writing scientific articles based on the results of research, and subscribing to leading international publications.

Students will be able to interact with each other and teachers through the organization's educational networks, such as a personal account on the organization's website and through the MOODL information system.

The procedure for informing students about their rights and obligations is reflected in the document "Rights and obligations of students", but this document is written in fragments. According to experts, it is better to prescribe data in the contract with students or to supplement the existing document.

This indicates compliance with Standard 2 in terms of adapting training to the needs of students.

Additional education (continuing professional development) is the main component of the process of continuous improvement of knowledge and skills of mid-level health care professionals and post-secondary education. This approach is in line with international principles of professional development and the European Higher Education Area. (ESG 1.2).

In the organization of education, it is planned to adapt the training to the needs and wishes of individual students, which will be determined during the classes and at the request of students and employers.

At the same time, along with the principles of quality and academic integrity, which, in the organization ***there is no system of anti-plagiarism.***

2.2 Scientific method

The educational programmes include the scientific foundations and methodology of medical research within the discipline "Epidemiological method of studying infectious and non-infectious human pathology. Epidemiological surveillance" (certification cycle "Disinfection business" (300 hours), certification cycle "Epidemiology and fundamentals of disinfection" (300 hours), advanced training (120 hours) on the topic "Actual problems of epidemiology and disinfection business at the present stage", advanced training on the topic "Selected issues of epidemiology and disinfection

business" (120 hours), advanced training (60 hours) on the topic "Epidemiology and disinfection business"), including clinical research and clinical epidemiology (number of hours - 6).

In an interview with the head of the SRO EDUCATIONAL center, it was said that the access of students to updated scientific and clinical data will be provided through the use of a library and publishing center and an electronic library. The experts were shown the SRO website, where there are links to the main and additional literature, which, however, *is insufficient evidence of students' access to databases of the latest scientific achievements*.

Experts made sure that students will have free access to practical experience, as there are contracts with production bases: LLP "Des-San" in Almaty, LLP "KazSanAudit" WKR, PMI "Healthy Generation" in Aktobe, LLP "Temirzholdesinfection".

In the course of work, it is established that in the organization of education there is no access to the participation of students in research work, due to the fact that this work is not carried out by the organization. However, *experts believe that the educational programme lacks methods of attracting students to the analysis of scientific literature to develop critical assessment skills and use the latest achievements of science in their practical activities*.

2.3 Content of programmes of additional and non-formal education and their interrelation with the provision of medical care

The organization has developed and approved 6 educational programmes of additional education. Educational programmes of additional education (advanced training, certification courses) provide for:

- certification courses 52 hours (17.3%) of lectures, 77 hours (25.6%) of seminar classes, 65 hours (21.6%) of trainings, 104 hours (34.6%) of independent work, 2 hours of final control;
- advanced training - 12 hours (10%) of lectures, 24 hours (20%) of seminars, 34 hours (28.3%) of trainings, 48 hours (40%) of independent work, 2 hours of final control.

Programmes are developed by teachers. There are no documents containing requirements for the structure and content of educational programmes. The responsibility for the selection and implementation of innovations in the educational process is borne by the teachers of the organization itself.

The content of the work programmes reflects the needs of the health care system, including epidemiological methods for the study of infectious and non-infectious human pathology. For the successful implementation of educational programmes, the organization has the resources to organize an assessment of the practical skills of students (test tasks). However, there are difficulties in planning, developing and approving educational programmes, due to the lack of uniform requirements for their development.

Teachers provide students with methodological and didactic materials, additional literature for preparation for classes. At the same time, it was not possible to determine the satisfaction of the listeners due to their absence.

Students of advanced training programmes are also provided with work programmes (through the ISODL personal account), access to educational and scientific literature according to the list listed in educational programmes, access to production facilities and simulation class.

The organization has production bases of practice within the framework of contracts with 4 frequent organizations.

There is a tool (questionnaire), on which after the completion of classes the teacher conducts feedback (listens to the opinion of students, conducts a mini-questionnaire, work on errors).

Availability of production bases, provides students with practical training to acquire skills in working with equipment in the field of disinfection, disinsection and deratization) on existing equipment of the simulation class (gasoline antiseptic sprayer, garden sprayer of antiseptic drugs, disinfection suit, filter boxes FSU_MB, etc., panoramic masks of the type MAGE and PPM 88, jumpsuit with hood, splash covers for shoes, apron with sleeves, bags for contaminated clothes, carrying bags, air ozonizer Ozonbox air-5, hot fog generator Fogging machine).

At the same time, the experts received a positive answer to the question "Are representatives of students involved in the development of educational programmes?". This is confirmed by the presence

of the minutes of the meeting of the educational and methodological council, which includes representatives of health and education.

The management of the educational process reflected in the self-assessment report (Standard 2) and general approaches to management were confirmed when visiting the educational center and talking with the manager and employees. At the same time, the verification of Standard 2 showed that in order to fill educational programmes with the best foreign practice, the organization needs to take part in scientific research and/or provide access to scientific publications.

The experts got acquainted with the work of the departments, including the educational center, the educational and methodological department, production bases, the simulation class, personnel management and personnel work, the financial and legal department, a total of 6 meetings were held and during the cross-examination it was established that all employees are familiar with the mission of the organization, the educational programmes of the organization, the strategic plan of the organization, the work plan, the regulations on their units, questionnaires, etc., are satisfied with the conditions of their work.

Attendance at the practical classes was not possible due to the lack of trainees. At the same time, a simulation class was presented and meetings with representatives of production bases were organized.

Thus, when talking with the leadership of the organization, experts received information about the theoretical part online and offline, practical at production bases, and teachers confirmed that the training of students is planned to be carried out by practical training directly at production bases, and the theoretical part online and offline.

EEC Conclusions on Criteria. They meet 13 criteria: fully - 11, partially - 2, do not meet - 0.

Standard 2: Implemented

Recommendations for improvement identified during the external visit:

1) Provide students with access to electronic databases for the study of modern scientific and practical literature in the specialty (2.2.2)

2) Describe in the relevant document the methods of involving students in the analysis of scientific literature and presentations (2.2.3)

Standard 3: ASSESSMENT AND DOCUMENTATION

Evidence of compliance:

3.1 Evaluation methods

The study of control and measuring tools showed that the organization has implemented an evaluation policy that allows a versatile assessment of the learning achievements of students through test assignments. Test tasks were approved at the meeting of the Educational and Methodological Council (Minutes No.2 dated September 21, 2022). Receiving feedback from teachers is possible on an ongoing basis through the personal account of the organization's information systems. The system for appealing the results of the assessment is reflected in the document "Regulation on the consideration of complaints and appeals", approved at the meeting of the Educational and Methodological Council (Minutes No.2 of September 21, 2022).

So, to verify the data of **Standard 3**, experts asked questions to the head of the Educational Center and checked the documents and methods for assessing students. The organization has test assignments for 6 educational programmes for conducting midterm control on 20 questions and final – on 30 questions (12 tests, 300 questions), which were drawn up by the teaching staff and approved at the meeting of the educational and methodological council (Minutes No. 2 dated September 21, 2022). Control and measuring tools are reviewed by the head of the Department for Scientific Work of NJSC "West Kazakhstan Medical University named after M. Ospanov", Candidate of Medical Sciences, Associate Professor A.Baspakova. The head of the education department replied that it is planned to make additions and updates to the CMI as the educational programmes expand. ***Despite the fact that the educational programmes have been developed by CMI, the SRO does not HAVE a document on***

the rules for assessing the educational achievements of students. That is, there is no appropriate formalization of the assessment of students.

During the visit to the organization and during the interview with the teacher Moldayazova L.T. and the head of the organization Artykbaeva A.I., the commission made sure that there is a documentation system that is transparent and accessible to all teachers and employees, and includes such documents as annual operational plans, annual reports, regulations of departments, contracts with teachers and students, contracts with production bases, and educational and methodological documentation (work programme, work curricula, syllabuses, journals), evaluation tools (test tasks). The review of the website showed that its pages contain the necessary documents for students of the training programme, evaluation criteria, calendar and thematic plan, seminar schedule, price list, regulations on the educational center and the educational and methodological council, the list of literature used during the training, which is regularly updated. This information was obtained during an interview with the head of the organization, the educational center Artykbaeva A.I.

When conducting interviews with teachers regarding assessment methods, experts received convincing information that the assessment of students will be carried out by testing and assessing practical skills.

During the visit to the organization, the management was asked the question: "Are external examiners involved in order to improve the fairness, quality and transparency of the evaluation process?". And the answer was received that external examiners will be involved in the final assessment from among the practical health and business. In accordance with the RoK Code "On the health of the people and the health care system", at the end of the certification cycle, the assessment of knowledge will be carried out by a national independent examination center.

The experts examined the resources for organizing the assessment of knowledge and practical skills, namely, the simulation class and test tasks.

During the survey, representatives of employers indicated that the ***organization of education did not conduct systematic feedback with them due to the fact that classes were not held.***

3.2 Documentation OF additional and non-formal education

For the implementation of additional and non-formal education, an independent structural subdivision "Educational Center" was created in the organization (by order of the chairperson of SRO No.7 of September 19, 2022.), the Educational and Methodological Council (EMC Protocol No.1 dated September 19, 2022), to which the provisions on their activities were approved (EMC Protocol No.2 dated September 21, 2022, orders of the chairperson of SRO No.7 dated September 19, 2022 and No.8 dated September 19, 2022, respectively), educational programmes and test assignments (EMC Protocol No.1 dated September 19, 2022). Educational programmes are developed by teachers. At the same time, the organization ***has not approved common approaches to programming.***

Upon completion of additional education, documents of the established form will be issued (MoH RoK order dated December 21, 2020 No. ҚР ДСМ-303/2020 "On approval of the rules for additional and non-formal education of health care professionals...") – "Certificate of Advanced Training" and "Certificate of Certification Course".

Each participant will receive a portfolio of their achievements. Upon completion of the training, it is planned to questionnaire students on the satisfaction of the programme, teachers on satisfaction with working conditions and students, employers on satisfaction with the results of training. The questionnaire will allow you to evaluate educational programmes and further improve them (according to the needs of students and employers). ***At the same time, it is necessary to document the rules for assessing the educational achievements of students, for organizing the educational process, for developing, approving, storing and updating educational programmes.***

The conclusions of the EEC on the criteria. Out of 11 standards conform: completely - 8, partially –3, do not correspond – 0.

Standard 3: Implemented.

Recommendations for improvement identified during the external visit:

- 1) Formalize approaches to assessing students' academic achievements in the form of an appropriate approved document (3.1.2)
- 2) Develop and approve standard operating procedures (SOPs) for the organization of the educational process (3.2.1 and 8.4.1)
- 3) Develop and approve methodological recommendations for the development, approval, storage and updating of educational programmes (3.2.2).

Standard 4: THE HEALTHCARE PROFESSIONALS

Evidence of compliance:

4.1 Motivation

The organization has a policy on the recruitment and admission of students, which is prescribed in the Regulations on Educational Activities. About the policy of enrolling students told the head of the educational center Artykbaeva A. .. Approaches to the reception of students are based on the requirements of the country and internal regulations, namely, are prescribed in the Regulations on educational activities, paragraph 3, the Agreement with the individual, the Rights and obligations of the listener. By this time, there were no admission and refresher courses.

The organization assumes the rental of 2 conference rooms for classes, has a simulation class in Astana. In addition, in interviews with employees of production bases: the head of the disinfection department of Des-San LLP and the head of KazSanAudit LLP, it was announced that they have the opportunity to train on the job and provide students with the opportunity to go through the practical part of the cycles at their production bases. That is, students have the opportunity to work directly at production bases and training in the simulation room.

Students - members of the SRO are offered benefits – discounts on training.

Thus, the experts validated the data according to **standard 4**. In general, all criteria correspond, at the same time some shortcomings are defined – in the contract with listeners obligations on observance of internal policy, discipline, observance of the order at training are not formulated. Materials, namely, the *documentation for the enrollment of students is not provided due to the lack of cycles at the time of accreditation*. There is only a list of submission of documents and an algorithm for accepting students for the cycle prescribed in the Regulations on Educational Activities. Some of the documents are drawn up according to the rules, *but there are comments on the “Rights and obligations of listeners”, which, in the opinion of experts, should be included in the contract and their wording should be redrafted or compiled as a separate document in the form of a memo for listeners of this organization, since there are excerpts with reference to other organizations*.

Regarding the practice of academic counseling, personal support of students and the development of not only professional skills, experts interviewed the head of the educational center, teachers, employers. The motivation for admission to training programmes is for trainees a discount for SRO members and payment for courses by employers, the ability to take a PC in the workplace, a flexible individual training schedule, taking into account the requests and opinions of trainees, as well as confidentiality in relation to counseling are guaranteed by teachers. In the absence of refresher training cycles, there are no schedules for counselling.

Given that SRO “DUK” is a centralized body, employers as stakeholders discuss the number of listeners, the necessary refresher training cycles.

4.2 Training strategies

When conducting interviews with management and teachers, experts determined that traditional and active teaching methods will be used in conducting training. All 4 SRO teachers have certificates of training in teaching methods, distance technologies over the past 5 years, as they are also university teachers.

4.3 Participation and influence of trainees on programmes of additional and non-formal education

Given that SRO is A centralized body in its activities, students have the opportunity to directly interact with members of the Association of Disinfectants of Kazakhstan, using its ties with all involved organizations, have the opportunity to study on the job or undergo practical part at production

bases of their choice. When going through cycles and sending for training, the needs of students are taken into account, they are supported in social and personal matters.

In an interview, employers confirmed that payment for training in SRO to their employees will be made, while a discount will be made to members of the Association of Disinfectants.

4.4 Working conditions

On working conditions, questions were raised in interviews with SRO managers, teachers, employers, employees of production bases. Experts have established that when accepting students, the individual needs of students will be taken into account, since all of them are practically members of the Association and have close interaction with all production bases, at the request of the students. When the need arises, internships will be held in the workplace. Also, some of the programmes provide for a distance learning format. In the future, when holding conferences, master classes, students will have the opportunity to participate in these events.

The safety of training is provided by the specifics of the profession and is regulated by the NLA in this professional field, so safety rules are given special importance.

EEC Conclusions on Criteria. Compliant with 13 standards: fully - 12, partially - 1, not compliant - 0

Standard 4: Implemented

Recommendations for improvement identified during the external visit:

- 1) The document "Rights and Obligations of Students" should be transferred to the contract with students, where the obligations of the student to comply with the order and discipline during the training should be prescribed (4.1.2)

Standard 5: CPD PROVISION

Evidence of compliance:

5.1 Recognition Policies and Teachers

In SRO 4 teachers who are engaged on the basis of the Civil Liability Agreement and given that their main place of work are universities, SRO makes efforts to comply with working conditions. The experts got acquainted with the personnel policy (Regulation on educational activities, paragraph 5), which spelled out the basic requirements for personnel support.

The Regulation states that as teachers of the SRO can be persons who have a doctoral degree or candidate of sciences, an academic degree of a doctor of philosophy or a master's degree. For practical classes, it is allowed to attract teachers from among the specialists of practical health care without a degree, but not more than 50% of the total number of faculty. Teachers of additional education must have at least 10 years of experience in the specialty profile and at least 3 years of scientific and pedagogical experience, advanced training of at least 4 credits (120 hours) for the last 5 years in the taught profile. In SRO, these rules are observed.

In order to verify the data of **Standard 5**, external experts received the opinion of teachers on personnel policy. The conversation with L.T. Moldayazova, Candidate of Medical Sciences, H.T. Kushakanova, an epidemiologist included questions on teaching methods, working conditions, payment terms, whether questionnaires are conducted, whether their requests are taken into account, etc.

Interviews were conducted with employees of production bases: the head of the disinfection department of Des-San LLP Melnychuk E.A., the head of KazSanAudit LLP Kazieva D.G. on the use of their organizations for the practical part of the training. All this made it possible to determine what approaches to attracting employees of production bases for teaching are implemented in SRO, to learn about the strategy and tactics of recruiting students, information security of the educational process in SRO. No survey of teachers was conducted.

5.2 Commitments and development of supplementary and non-formal education organizations

It is established that professional development programmes meet the established requirements of the Republic of Kazakhstan (RoK Law on Education, NLA and orders on CPD, etc.) for the quality of medical education.

In order to verify the data of **Standard 5**, when meeting with the HEAD of the SRO and during interviews with teachers, experts clarified information on approaches to the development of teachers' pedagogical competence. Thus, Associate Professor Moldayazova L.T. has all the necessary competencies and is the main developer of advanced training programmes.

At the same time, at the time of the visit of experts to the SRO, it is difficult to judge how teachers will stimulate independent work of students with literature, medical documentation. However, when talking with teachers, they assured that these competencies of students will be integrated into educational programmes.

Effective implementation of continuing professional development programmes currently requires a variety of student learning methods, both traditional and interactive. *When analyzing educational programmes, it was revealed that the training methods included in the documents are template, identical in all programmes (certification, advanced training).* Experts believe that an *individual approach is needed in disclosing the content of educational programmes, taking into account their goals and duration. Each educational programme should describe specific teaching methods that are collegially discussed and accepted.*

EEC Conclusions on Criteria. Compliant with 11 standards: fully - 9, partially - 2, do not comply – 0.

Standard 5: Implemented

Recommendations for improvement identified during the external visit:

1) Provide for the staff of teachers and ensure a balance of full-time teachers and part-time employees for the implementation of systematic educational activities. (5.1.5)

2) Individualize the approach to the preparation of educational programmes, taking into account the goals and duration of training, including in relation to the methods of training used. (5.2.3)

Standard 6: EDUCATIONAL RESOURCES

Evidence of compliance:

6.1 Material and technical base

The organization has a sufficient material and technical base that allows the full implementation of educational programmes, namely, premises under the Agreement with one of the founders of the organization free of charge.

6.2 Training bases

The review of resources showed that they correspond to the goals and objectives of educational activities. SRO has concluded contracts with 6 production bases corresponding to the goals and objectives of additional education programmes. SRO has a simulation room under contract free of charge.

The experts visited the simulation room equipped with modern equipment and devices for conducting practical classes by students within the framework of educational programmes, and the employees of the educational organization provide collegial and ethical relations with the staff, the management of the production base to achieve the final results of the training of students. The proof is the “Code of Business Ethics”, approved by the minutes of THE SRO meeting and which the teachers were familiarized with (the familiarization sheet is attached). Production bases are provided with a sufficient amount of educational materials (disinfectants with an evidence base), modern equipment. Before starting the training, the student will receive a syllabus from which he will learn what skills he should improve and develop during the training.

The experts studied the documents (agreement, contracts, code) and obtained evidence of compliance with standard 6.

6.3 Information technology

The organization has its own website, which informs interested parties about the services provided, resources, disinfection activities. During the visit, the experts were shown the work of the educational portal, with the help of which students are given the opportunity to get acquainted with the curriculum for the year in order to rationally plan training for the relevant educational programmes.

Experts made sure that the educational portal allows students to also undergo distance learning on the job.

Students have free access to educational materials at production bases and all conditions for improving their practical skills.

6.4 Interaction with colleagues

As you know, collective learning methods are one of the main means of stimulating the cognitive activity of students. *At the same time, in the developed educational programmes there is no mechanism of interaction between students. It is recommended to develop a methodology for applying various types of team training in the educational process and ways to assess their effectiveness.*

6.5 Formal and non-formal education

Most of the listeners are members of the RoK Disinfection Association and participate in the development of the NLA within the framework of national legislation, which provides an opportunity to demonstrate their professional, ethical and communication abilities. As can be seen on the WEBSITE, SRO promotes active participation in educational activities, since students directly have membership in this organization. According to the strategic plan of SRO it is planned to participate in international conferences and master classes.

6.6 Research and scientific achievements

Currently, no research work is being carried out in the organization. A Memorandum of Cooperation between SRO and the National Organization of Disinfectionists (Moscow, Russia) is attached to the self-assessment report, according to which joint scientific activities are planned (Memorandum dated 01.12.2022).

6.7 Training in alternative educational organizations

During interviews with employees of production bases, experts made sure that students are provided with all the opportunities for effective training in the courses. SRO creates conditions for obtaining new professional experience and new knowledge when attending trainings of other organizations (universities, colleges, professional associations), which was received during the meeting of experts with a representative of the partner organization - JSC "National Innovation Fund". The cooperation is documented by the concluded agreement.

EEC Conclusions on Criteria. Compliant with 15 standards: fully -14, partially -1, not compliant - 0

Standard 6: Implemented

Recommendations for improvement identified during the external visit:

- 1) Develop a methodology for the use of various types of team training in the educational process and ways to assess their effectiveness (6.4.1).

Standard 7: EVALUATION of CPD ACTIVITIES

Evidence of compliance:

7.1 Monitoring and evaluation mechanisms for educational programmes

External examination of educational programmes (6) and educational and methodological material (presentations, lectures) was carried out by specialists in the field of epidemiology involved in the implementation of an independent examination. The self-assessment report is accompanied by expert opinions on 6 educational programmes issued by highly qualified specialists in the field of epidemiology. Educational programmes were approved at the meeting of the Educational and Methodological Council (Minutes No. EC-1 of the EMC meeting dated September 19, 2022) Employers took part in the consideration and approval of educational programmes, which is confirmed by this protocol and during interviews with them.

Thus, the mechanisms for evaluating educational programmes are as follows: peer review by specialists in epidemiology and disinfectology, discussion and approval at the EMC meeting, collection of feedback from students and employers, the results of students' training.

7.2 Feedback

Interviews with employers – management and employees of Temirzholdesinfection LLP, CONSTANTA Doc LLP covered such issues as: knowledge of the mission of the organization of education, participation in the development of the mission and proposals in the strategic plan, participation in the work of advisory bodies, satisfaction with the basic knowledge and skills of students, participation in the training of students through mentoring, providing students with the necessary resources for practical training, problems of interaction with teachers in particular, and with the organization as a whole, *In particular, employers raised the issue of introducing licensing of disinfection activities within the framework of the legislation of the Republic*. The significant role of SRO in the development of professional potential in the RoK disinfection industry has been determined, since SRO is currently the only professional organization in the disinfection business and has an appropriate material and technical base and personnel potential.

Questionnaires of students and teachers were not carried out, since the training is planned after passing the institutional accreditation. The feedback questionnaire is freely available on the SRO WEBSITE. The site has a blog of the head - the chairperson of the SRO in order to promptly interact with stakeholders.

EEC Conclusions on Criteria. Compliant with 10 standards: fully -10, partially -0, non-compliant - 0

Standard 7: Implemented

Recommendations for improvement identified during the external visit: none

Standard 8: ORGANISATION

Evidence of compliance:

8.1 Documentation and needs for planning additional and non-formal education

The Educational Center (EC) is located in the structure of the SRO and consists of the Educational and Methodological Council (EMC), teachers and production bases under the contract. The functions and tasks of the EC are set out in the EC Regulation approved at the EMC meeting (EC-2 protocol dated 21.09.2022). The EC is chaired by the President. Only 4 teachers, 2 of them have a scientific degree of candidate of sciences, the 3rd highest category in the specialty. In interviews with them, the experts received comprehensive answers on satisfaction with working conditions, material and technical base, information and communication processes, etc.

The Regulation on educational activities approved at the EMC meeting (EC-2 protocol dated 21.09.2022) sets out the organization of the educational process, the algorithm for enrolling a student, the requirements for staffing and EMC, and the criteria for assessing the knowledge of students.

8.2 Academic Leadership

Direct management and coordination of education is carried out by the educational center. As part of the training of students, documents were developed and approved that ensure the functioning of the quality assurance system for training programmes: the EC regulation, job descriptions, thematic training plan, educational programmes. Transparency of training management will be carried out through discussion of documentation at working meetings with members of ALE SRO, and after coordination with them will be approved in accordance with the established procedure at the EMC meeting, also by questionnaire of students, employers.

8.3 Allocation of budget and resources for training

The main source of formation of financial resources of the educational process is the funds of the founders and members of the SRO (they have membership of 15 organizations of the RoK disinfection service), as well as funds under contracts for the provision of services related to a technologically related activity in accordance with the price list approved in accordance with the order of MoH RoK dated October 29, 2020 No. KR DSM-170/2020. The price list for paid services is publicly available on the Organization's website.

8.4 Administration

The Quality Department is responsible for QMS in the Organization. The main objective of the QA is to work on the implementation of policies and objectives in the field of ensuring, functioning and continuous improvement of the quality assurance system, as well as conducting internal audits to maintain and improve the educational process. The Educational and Methodological Council is a collegial body that controls the educational and methodological support and coordinates the work on improving the scientific and methodological potential of TS. In accordance with the Regulation on EMC, approved by the Order of the Chairperson of the DUK No.8 dated September 21, 2022, the educational and methodological council is headed by a specialist with an academic degree.

When studying the documents and in interviews, it was found that there is no document where a step-by-step algorithm for organizing the educational process would be prescribed.

EEC Conclusions on Criteria. Compliant with 8 standards: fully -7, partially -1, non-compliant -0

Standard 8: Implemented

Recommendations for improvement identified during the external visit:

Refer to standards 3.2.1 and 8.4.1


Thus, when conducting an external institutional assessment, 8 accreditation standards were established, including 57 basic standards and 35 improvement standards. 7 basic standards and 4 improvement standards have been partially implemented. No standards inconsistencies have been established.

5. Recommendations for improving the institutional activities of the educational organization ALE SRO "Union of Disinfectionists of Kazakhstan":

- 1) Include stakeholders in the discussion and approval of the mission in order to ensure relevance and take into account the needs of practical health care (1.4.2).
- 2) Provide students with access to electronic databases for the study of modern scientific and practical literature in the specialty (2.2.2).
- 3) In the corresponding document, describe the methods of attracting students to the analysis of scientific literature and presentations (2.2.3).
- 4) Formalize approaches to assessing students' academic achievements in the form of an appropriate approved document (3.1.2)
- 5) Develop and approve standard operating procedures (SOPs) for the organization of the educational process (3.2.1 and 8.4.1)
- 6) Develop and approve methodological recommendations for the development, approval, storage and updating of educational programmes (3.2.2).
- 7) The document "Rights and Obligations of Students" should be transferred to the contract with students, where the obligations of the student to comply with the order and discipline during the training should be prescribed (4.1.2).
- 8) Provide for a staff of teachers and ensure a balance of full-time teachers and part-time employees for the implementation of systematic educational activities (5.1.5)
- 9) Individualize the approach to the preparation of educational programmes, taking into account the goals and duration of training, including in relation to the methods of training used. (5.2.3).
- 10) Develop a methodology for the use of various types of team training in the educational process and ways to assess their effectiveness (6.4.1)

6. Recommendation to the ECAQA Accreditation Board

EEC members established the compliance of ALE SRO “Union of Disinfectionists of Kazakhstan” with the Accreditation Standards and came to a unanimous opinion to recommend to the ECAQA Accreditation Council to accredit this organization for a period of 3 years with the visit of an accreditation expert and an observer from ECAQA in 1 year as part of post-accreditation monitoring.

	Name	Signature
Chairperson - Academic Expert	Urazova S.N.	
Foreign expert	Urrmambetova Zh.S.	
Academic expert	Yerzhanova F.N.	
Employers' Representative	Zhukubaeva A.A.	

Observer for ECAQA Umarova M.A.



**Quality profile and criteria for external evaluation of the educational programme
(generalization)**

Standard	Evaluation Criteria	Number of Standards	Basic standards/ Improvement standards	Estimation		
				Fully compliant	Partially compliant	Non-compliant
1.	MISSION AND END OUTCOMES	11	7/4	7/3	0/1	-
2.	EDUCATIONAL PROGRAMME	13	9/4	9/2	0/2	-
3.	ASSESSMENT AND DOCUMENTATION	11	8/3	5/3	3/0	-
4.	THE HEALTH CARE PROFESSIONALS (INDIVIDUAL PROFESSIONAL DEVELOPMENT)	13	8/5	7/5	1/0	-
5.	CPD PROVISION	11	5/6	4/5	1/1	-
6.	EDUCATIONAL RESOURCES	15	10/5	9/5	1/0	-
7.	EVALUATION of CPD ACTIVITIES	10	5/5	5/5	0/0	-
8.	ORGANISATION	8	5/3	4/3	1/0	-
9.	CONTINUOUS RENEWAL	5	5/0	-	-	-
	Total:	97	62/35	50/31	7/4	
			92			

List of documents examined by EEC members as part of an external assessment of the organization of education

№	Document Names	Quantity
1.	Charter of SRO DUK	1
2.	Mission	1
3.	SRO DUK rules	1
4.	Membership Regulation	1
5.	Code of Business Ethics	1
6.	Strategic development plan	1
7.	Regulations on educational activities	1
8.	Regulations on the Educational and Methodological Council	1
9.	Regulations on the provision of paid services	1
10.	Regulations on the consideration of complaints and appeals and the procedure for the activities of the Appeals and Grievances Commission	1
11.	Regulations on the educational center	1
12.	HR Policy of ALE SRO	1
13.	Calendar and thematic plan	1
14.	Work plan of the educational and methodological council for 2022	1
15.	Prices for training	1
16.	Staffing table	1
17.	Job descriptions	7
18.	Institutional self-assessment report	1
19.	SRO DUK PROTOCOLS	6
20.	EMC Protocols	2
21.	Orders	17
22.	Educational programmes	6
23.	Reviews	6
24.	Personal files of employees	8
25.	Methodological recommendations for practical classes	1
26.	Situational Tasks	31
27.	Test tasks	20
28.	Handouts (brochures, leaflets)	2
29.	Syllabuses	6
30.	Logbook of accounting and issuance of documents on advanced training and QS	1
31.	Contracts with production bases	5
32.	Contracts with teachers	4
33.	Learning Outcome Criteria	1
34.	2022 Progress Report	1
35.	Examination sheet	1
36.	Student Attendance and Performance Record Book	1
37.	Questionnaire for assessing the satisfaction of the participant of the training cycle/certification course	1
38.	Questionnaire on Employer Satisfaction with Quality of training of students	1
39.	Questionnaire for assessment of students by teachers	1
40.	Teacher assessment questionnaire quality of the course	1

41.	Listener statement	1
42.	Student base for 2023	1
43.	Data on the participation of teachers in scientific work (articles, reports)	1
44.	Cooperation agreement (republican, international levels)	1
45.	Safety precautions	1
46.	Simulation room	1
47.	References	1

ECAQA