



**MINISTRY OF ECONOMY OF UKRAINE
(Ministry of Economy)**

ORDER

13 January 2022

No. 108-22

Kyiv

**On approval of the professional standard
"Consulting Engineer (Construction)"**

According to Cl. 27, 28 of the "Procedure of development, enactment and revision of professional standards," approved by Resolution No. 373 of the Cabinet of Ministers of Ukraine dated 31 May 2017 year (amended),

I ORDER:

1. To approve the professional standard "Consulting Engineer (Construction)", which is enclosed.
2. The Directorate of Employment and Labor Migration to pass the approved professional standard "Consulting Engineer (Construction)" to the National Qualifications Agency for registration.

Yulia SVYRYDENKO

First Vice Prime Minister of Ukraine



Professional Standard "Consulting Engineer" (Construction)"

1. General information of the professional standard

1.1. Main goal of the professional activities

Organizational and consulting support for a complex of works related to the creation of a construction facility by providing engineering consulting services in construction related to procurement procedures for goods, design documentation development works, construction works, construction services, contractual relations, organization of construction production, construction project implementation management, control of quantitative and qualitative indicators of construction work, improvement of design documentation, management of risks arising during the construction project implementation, amicable settlement of disputes, and ensuring occupational health and safety measures to satisfy the needs of the construction market participants.

1.2. Names of types of economic activities, section, division, group and class of economic activities and their code (according to the National Classification of Ukraine ДК 009:2010 "Classification of Types of Economic Activities")

Section	Construction	Division	Construction of	Group	Organization of buildings construction
F		41	buildings	41.1	Organization of buildings construction
				Class 41.10	Organization of buildings construction
				Group 41.2	Residential construction and non-residential buildings
				Class 41.20	Construction of residential and non-residential buildings
		Division 42	Construction of structures	Group 42.1	Construction of roads and railways
				Class 42.11	Construction of roads and highways
				Class 42.12	Construction of railways and subways (undergrounds / metro)
				Class 42.13	Construction of bridges and tunnels
				Group 42.2	Construction of communications
				Class 42.21	Construction of pipelines
				Class 42.22	Construction of power supply facilities and telecommunications
				Group 42.9	Construction of other structures
				Class 42.91	Construction of water facilities
				Class 42.99	Construction of others facilities, not attributed to others groups

		Division 43	Specialized construction works	Group 43.1	Demolition and preparatory work on construction site
				Class 43.11	Demolition
				Class 43.12	Preparatory works on construction site
				Class 43.13	Exploring boring
				Group 43.2	Electrical, water-supply and other construction and installation works
				Class 43.21	Electrical installation works
				Class 43.22	Assembly of water supply networks, heating and air conditioning systems
				Class 43.29	Other construction and installation works
				Group 43.3	Construction completion works
				Class 43.31	Plastering works
				Class 43.32	Installation of carpentry products
				Class 43.33	Flooring and wall cladding
				Class 43.34	Painting works and glazing
				Class 43.39	Other construction completion works
				Group 43.9	Other specialized construction works
				Class 43.91	Roofing works
				Class 43.99	Others specialized construction works, not attributed to other groups
Section M	Professional, scientific and technical activity	Division 70	Activities of head offices; management consulting	Group 70.2	Management consulting
				Class 70.21	Public relations activities
				Class 70.22	Commercial activities and management consulting
		Division 71	Architecture and engineering activities; technical tests and research	Group 71.1	Architecture and engineering activities; technical consulting services
				Class 71.11	Architecture activities
				Class 71.12	engineering, geology and geodesy activities, technical consulting services in these areas
				Group 71.2	Technical tests and research
				Class 71.20	Technical tests and research

1.3. Name of the professional activity type and its code (according to the National Classification of Ukraine ДК 003:2010 "Classification of professions")

Section	Unit	Class	Subclass	Group
2	21	214	2142	2142.2
Professionals	Professionals in physical, mathematical and technical sciences	Professionals in architecture and engineering	Professionals in civil engineering	Construction engineers

1.4. Name of profession (professional title of job) and its code (according to the National Classification of Ukraine ДК 003:2010 "Classification of Professions")

2142.2 Consulting Engineer (Construction).

1.5. General name of the profession

Consulting Engineer.

1.6. Professional qualification

For the profession of "Consulting Engineer (Construction)", a four-level qualification categorization is applied with the following qualification categories:

- lead consulting engineer (construction) (job functions А, Б, В, Г, Д, Е, Ж, З for construction facilities of CC3 or lower consequence (responsibility) class);
- I category consulting engineer (construction) (job functions А, Б, В, Г, Д, З (Е, Ж job functions are carried out under the guidance of a higher category consulting engineer (construction)) on construction sites of CC2 or below consequence (responsibility) class);
- II category consulting engineer (construction) (job functions А, Б, В, Г, Д, З (Д, Е, Ж job functions are carried out under the guidance of a higher category consulting engineer (construction)) on construction sites of CC1 consequence (responsibility) class);
- Basic category consulting engineer (construction) (job function З (А, Б, В, Г, Д, Е, Ж job functions are carried out under the guidance of a higher category consulting engineer (construction)).

List of job functions and their legend symbols are mentioned in Cl. 6.

Correspondence of the level of the consulting engineer category to the consequence (responsibility) class of a construction facility during the fulfillment of job functions is presented in Cl. 8.

1.7. Certification requirements

The Consulting Engineer (Construction) must obtain from the staff certification body accredited in relevant field according to the Law of Ukraine "On Accreditation of Conformity Assessment Bodies" the certificate for the profession "Consulting Engineer

(Construction)”, confirming their compliance with the qualification characteristics of the professions of employees, defined in the valid version of the “Directory of qualification characteristics of employees’ professions,” Issue 64 “Construction, assembly and repair and works”, or in this professional standard, which grants the right to do works (provide services) defined for the corresponding or lower qualification category of employees.

The staff certification body carries out certification of specialists in the areas defined by the accreditation field according to the Law of Ukraine “On Accreditation of Conformity Assessment Bodies”.

Based on market needs, the staff certification body independently establishes types of specialization in the profession of “Consulting Engineer (Construction)” which it certifies, that are oriented on a certain kind or group of construction facilities with such specialization indicated in a relevant qualification certificate.

If the certificate does not specify the type of specialization, such certificate covers all types or groups of construction facilities.

In case the certificate indicates the kind of specialization, such certificate is limited exclusively to the specialization indicated in it, and does not cover other kinds and groups of construction facilities.

1.8. Place of the profession (position, professional name of job) in the organizational and production structure of the enterprise (institution, organization)

Consulting Engineer (construction) is directly subordinated to the director of the enterprise, institution, organization, managers of their structural and separate units in accordance with the job description approved in line with the established procedure, taking into account the approved structure and organizational chart of the enterprise, institution, organization, their structural and separate units. Within the limits of powers defined by the job description, the consulting engineer leads the subordinate employees.

1.9. Working conditions

Working and recreation hours are established in accordance to the applicable legislation.

Vacations are provided according to the applicable legislation.

There can be harmful production factors: industrial noise, dust, vibration, high or low outdoor temperatures, work at height, tense work, etc.

Special nature of work. Benefits and compensation are provided in accordance with the applicable legislation.

1.10. Conditions of admission to work by profession

To perform professional activities, Consulting Engineer (Construction) must meet the following qualification requirements:

lead consulting engineer (construction) — second-level higher education with a master's degree in "Architecture and Construction", "Mechanical Engineering", "Electrical Engineering", "Management and Administration". At least 5 years work experience in the construction industry and certification in the professions of lead construction supervision engineer and lead design engineer or lead construction expert (verifier).

Qualification certificate of the lead consulting engineer (construction) issued by the staff certification body accredited in the procedure established by law;

I category consulting engineer (construction) –second-level higher education with a master's degree in “Architecture and Construction”, “Mechanical engineering”, “Electrical engineering”, “Management and Administration”. At least 5 years of work experience in the construction industry and certification in the profession of category I construction supervision engineer and category I design engineer or category I construction expert. Category I qualification certificate of consulting engineer (construction) issued by the staff certification body accredited in the procedure established by law;

II category consulting engineer (construction) - second-level higher education with a master's degree in "Architecture and Construction", “Mechanical engineering,” “Electrical Engineering”, "Management and administration”. At least 5 years of work experience in the construction industry and certification in the professions of category II construction supervision engineer and category II design engineer or category II construction expert. Category II qualification certificate o consulting engineer (construction) issued by the staff certification body accredited in the procedure established by law;

Basic category consulting engineer (construction) - second-level higher education with the bachelor's degree in “Architecture and Construction”, “Mechanical engineering”, “Electrical Engineering”, “Management and Administration”. Work experience in the construction industry - at least 5 years.

The consulting engineer (construction) that received the certificate in the staff certification body accredited in accordance with the law, may perform the work (services) specified in the certificate from the day the information about them is entered in the “Single state electronic system in the field of construction.”

1.11. Documents confirming professional and educational qualifications, their classification in the National Qualifications Framework (NQF)

Diploma of bachelor (6th level of NQF) or diploma of master (specialist) (7th level of NQF) in the fields of knowledge “Architecture and Construction”, “Mechanical Engineering”, “Electrical Engineering”, “Management and Administration” according to the conditions specified in Cl. 1.10.

The certificate of relevant qualification category by profession “Consulting Engineer (Construction)”, issued by a staff certification body accredited in the procedure established by the legislation.

Documents of upskilling, employment records, work experience in construction, qualification certificates, and other documents confirming the possession of competencies, professional specialization, level of qualification and knowledge needed to perform the job functions.

2. Training and professional development

2.1. Primary professional training (name of qualification)

For the basic category consulting engineer (construction) - training at the first (bachelor's) level of the higher education (6 level of NQF and second cycle of higher education in the Qualifications Framework for the European Higher Education Area (QF-EHEA)) in the fields of knowledge "Architecture and Construction", "Mechanical Engineering", "Electrical Engineering", "Management and Administration".

2.2. Raising the qualification level and assignment of a new education level (name of qualification)

Raising the qualification level of the basic category consulting engineer (construction) and assignment of a new education level through training at the second (master's) level of higher education (7th level of NQF and second cycle of higher education in the QF-EHEA) in the fields of knowledge "Architecture and Construction", "Mechanical Engineering", "Electrical Engineering", "Management and Administration".

Advanced training of persons with a master's (specialist) degree through training on the third (educational and scientific) level of higher education to obtain the first academic degree "Doctor of Philosophy" (8th level of NQF).

Advanced training of persons with the first academic degree "Doctor of Philosophy" through training at the scientific level of higher education to obtain the second academic degree "Doctor of Sciences" (8th level of NQF).

2.3. Raising the qualification level without obtaining a new level of education (name of qualification)

The legislation provides for advanced training of employees at least once every 5 years.

3. The regulatory and legal framework that regulates relevant professional activities

Civil Code of Ukraine.

Commercial Code of Ukraine.

Labor Code of Ukraine.

Law of Ukraine "On architectural activities".

Law of Ukraine "On regulation of urban-planning activities".

Law of Ukraine "On public procurement".

Law of Ukraine "On occupational health and safety".

Law of Ukraine "On motor roads.

Law of Ukraine "On accreditation of conformity assessments bodies".

Resolution No. 995 of the Cabinet of Ministers of Ukraine dated 08.09.1997 "On the procedure of approving the titles of facilities constructed using the budgetary funds, funds of state-owned enterprises, institutions and organizations, as well as sovereign credits."

Resolution No. 668 of the Cabinet of Ministers of Ukraine dated 01.08.2005 "On

approval of the general conditions of conclusion and delivery of capital construction contracts.”

Resolution No. 903 of the Cabinet Ministers Ukraine dated 11.07.2007 “On The author’s (designer’s) and technical supervision during construction of architectural facilities.”

Resolution No. 1065 of the Cabinet of Ministers of Ukraine dated 28.12.2016 “On approval of uniform requirements for design, new construction, reconstruction and rehabilitation of public roads.”

Resolution No. 466 of the Cabinet of Ministers of Ukraine dated 13.04.2011 “Some issues of doing the preparatory and construction works.”

Resolution No. 461 of the Cabinet of Ministers of Ukraine dated 13.04.2011 “Issues of commissioning of completed construction facilities.”

Order No. 1050 of the Ministry of Social Policy of Ukraine dated 23.06.2017 “On approval of the minimum OHS requirements on temporary or mobile construction sites,” registered in the Ministry of Justice of Ukraine on 08.09.2017 with No. 1111/30979.

Order No. 89 of the Ministry for Development of Communities and Territories of Ukraine dated 13.04.2020 “On approval of standard forms of contracts for construction supervision and engineering consulting services in construction.”

4. Ethical principles and integrity grounds during the service provision

In their activities, the consulting engineer (construction) must be guided by the following ethical principles:

- to adhere to the professional ethics requirements during the service provision;
- to adhere to the service provision requirements established on the legislative level;
- when performing the job functions, provide equal and impartial attitude towards other process participants, in particular, construction customers (project owners), designers, contractors, subcontractors, construction supervision and designer’s supervision service providers, construction product suppliers;
- to stay impartial when providing any type of services;
- act in the interest of the customer, fulfill their duties conscientiously, in a fair and responsible manner;
- provide the customer only with the services defined in this standard or the qualification characteristics of employees’ professions and corresponding to the qualification level of the consulting engineer (construction);
- to refuse from participation in implementing a project in case they lack respective knowledge, experience, skills and qualifications;
- to prevent conflicts of interest when providing the services, and in case a conflict of interest arises, to refuse from rendering the services;
- to maintain the knowledge and skills at a high level and comply with the requirements for upskilling established by the applicable legislation;

- not to receive, no offer or facilitate receiving improper benefit by third parties;
- to determine responsibly the cost of the consulting engineer (construction) services taking into account weighted average market cost of such services;
- not to attempt in any way to take the place of another consulting engineer (construction) who is already providing the relevant services, and in the event of being engaged by the customer as a person providing additional services as part of the project implementation, to coordinate their actions with the consulting engineer (construction) that was engaged by the customer earlier;
- to focus actions on protecting the public interests, ensuring the priority of public well-being over personal, private and corporate interests;
- to avoid any conflicts between public and personal interests;
- not to divulge and use the information that became known in connection with the performance of the consulting engineer's (construction) duties, including after the termination of the service provision, except for cases established by the law;
- not to allow providing any advantages and expressing favor to individual natural persons and legal entities, political parties, public and religious organizations;
- to ensure the possibility of guaranteed compensation of damages caused by the consulting engineer (construction) while fulfilling their obligations, or unforeseen expenses incurred by the service recipient as a result of the action or inaction of the consulting engineer (construction), in particular, by means of professional indemnity insurance the consulting engineer (construction) must have for the service provision period.

5. General competence

Knowledge and understanding of the subject matter and understanding of professional activities.

Determination and persistence in relation to the tasks set and responsibilities undertaken.

Aspiration to the preservation of the environment.

Abilities:

- abstract thinking, analysis and synthesis;
- apply knowledge in practical situations;
- planning and time management;
- communicate in the state language both orally and in writing;
- communicate in a foreign language;
- use information and communication technologies;
- conduct research at an appropriate level;
- learn and master new knowledge;
- search, process and analyze information from different sources;
- be critical and self-critical;
- be adaptive and act in new situations;
- generate new ideas (creativity);

- identify, raise and resolve problems;
- make justified decisions;
- teamwork;
- interpersonal interaction;
- motivate people and move to achieve common goals;
- communicate with representatives of other professional groups of different levels (with experts from other fields of knowledge / types of economic activities);
- work in international environment;
- work autonomously;
- develop and manage projects;
- carry out safe activities;
- demonstrate initiative and entrepreneurship;
- act out of ethical considerations (motives);
- evaluate and ensure quality of executed works.

6. List of job functions (legend symbols of job functions)

Symbol	Job functions	Professional competencies (by job action (or group of job actions))	Symbol
A	Preparation and ensuring organizational measures aimed at creating conditions to implement a construction project	Ability to advise the customer on issues of forming investment intentions, developing organizational and financial options of project implementation, and risk management during the construction project implementation.	A.1
		Ability to obtain on the customer's instruction the urban-planning conditions and limitations, and technical specifications.	A.2
		Ability to prepare a draft design brief.	A.3
		Ability to prepare materials to carrying out the environmental impact assessment.	A.4
		Ability to develop a feasibility study or investment project.	A.5
		Ability to ensure obtaining topographic and geodetic underlay (survey) to deliver design and geological surveys.	A.6
		Ability to carry out analysis of input data for design, obtained by the customer or on their instructions, as well as design documentation, and provide proposals to the customer regarding the design stages, construction phases, start-up facilities, improvement of design and engineering decisions, methods of work execution, organizations of construction, and selection of materials and equipment.	A.7
B	Preparation and ensuring the holding of tender procedures and formation of contractual relations	Ability to define a list of requirements and criteria for selection of contractors which need to be involved in the topographic and geodetic as well as engineering and geological surveys, elaboration of design documentation, implementation of construction work.	B.1
		Ability to elaborate tender documentation and ensure holding tender procedures.	B.2

		Ability to develop the provisions of design and construction work contracts and ensure their conclusion.	B.3
		Ability to develop the provisions of design and construction work contracts taking into account the provisions of international contract forms, traditions and recommendations of international and national organizations.	B.4
B	Providing independent engineering control of quantitative and qualitative indicators of construction work performance	Ability to check completeness and ensure the design documentation is handed over to the contractor.	B.1
		Ability to participate in the construction site handover to the contractor.	B.2
		Ability to determine the completeness and truthfulness of the information provided in the documents obtained during the construction process, which confirm the quality characteristics of building materials, structures, products, and equipment.	B.3
		Ability to provide selective control during the construction work execution (installation of plant and equipment), in terms of determining the compliance of the quality of delivering such work with the requirements established by the design documentation, flowcharts, building codes, and other technical regulations that are mandatory to follow subject to the law.	B.4
		Ability to represent the construction customer's interests during inspections by representatives of regulatory authorities, analysis of validity of instructions and prescriptions issued as a result of such inspections, giving recommendations to the contractor regarding their observance.	B.5
		Ability to demand that the contractor provides the results of laboratory tests of the applied construction materials and products in order to confirm their compliance with quality certificates, and equipment - with technical (technological) passports, and in case of non-compliance of the construction materials and products with the design documentation, flowcharts, state building norms, standards, or rules, to demand rectification of the detected non-compliances.	B.6
		Ability to check the КБ-2В forms "Acceptance certificate of completed construction work" in terms of the cost indicators of the delivered work, materials used, plant and equipment, machinery and mechanisms, check the КБ-3 forms "Certificate on the cost of completed construction work and expenses", check other forms of primary accounting documents provided for by the contract, inform the customer about the possibility of making payments for the work performed, keep records of the quantities of the construction work accepted by the customer.	B.7

		<p>Ability to detect violations by the contractor when performing construction work, inform the customer about the identified facts of violations and provide the customer with proposals to suspend further performance of work by the contractor until the identified violations and deficiencies are removed. Ability to control the rectification of identified violations by the contractor. In the event of the contractor's refusal to remove the identified violations and deficiencies, ability to take measures aimed at implementing the rights of the construction customer in terms of applying the sanctions provided for by the construction contract, including by making proposals to the customer to terminate such contract.</p>	B.8
		<p>Ability to track sufficient quantity of staff, machines and mechanisms of the contractor and subcontractors (if any) during the construction work performance, compliance by the contractor (subcontractors) with the construction work schedule approved by the customer.</p>	B.9
Г	Project management and administration	<p>Ability to create a single base for planning and organizing the documentation formed or obtained during the construction project implementation, determine the connection between the works provided for in the design documentation and customer's accounting system, determine the content and develop the reporting documentation forms, and agree with the customer on the reporting frequency.</p>	Г.1
		<p>Ability to monitor the designer's compliance with the design documentation development schedule, provide the customer with proposals for improving the design solutions, carry out a preliminary analysis of the developed design documentation.</p>	Г.2
		<p>Ability to provide support for the verification of design documentation, monitor the elimination by the designer of deficiencies identified during the design documentation verification, ensure acceptance and approval of the design documentation by the customer in accordance with the procedure established by the law, prepare materials for payments for the work done by the design documentation developer.</p>	Г.3
		<p>Ability to organize and ensure meetings attended by participants of the construction project implementation in order to monitor the contract terms fulfillment in terms of compliance with construction deadlines outlined by the contract terms, payment schedules, etc. Prepare the meeting minutes, send them to all such meetings participants, and ensure monitoring that the construction project participants fulfill the decisions taken at such meetings.</p>	Г.4

	<p>Ability to track fulfillment of the contract terms by the construction project implementation participants in terms of costs and compliance with approved financing schedules and estimate value. Analysis of indicators of the construction project performance and proposals for their improvement through the use of new / alternative technologies, materials, construction products, involvement of additional manpower, use of machines and mechanisms. Ability to check the invoices issued by contractors for the completed work, delivered services, supplied materials, plant and equipment.</p>	Г.5
	<p>Ability to ensure the customer's interaction with control and oversight, environmental protection, local government authorities and the public during construction, to represent the customer's interests in accordance with the contract terms in public authorities, local governments, enterprises, institutions, and organizations, in particular, when receiving administrative services, including permitting (approval) procedures and inspections.</p>	Г.6
	<p>Ability to supervise implementation of incoming inspection and operational control by the contractor, in particular regarding the availability of documents confirming the quality of building materials, products and structures (technical passports, certificates of conformity, laboratory test results), to exercise control of the contractor's keeping of as-built documentation on the site.</p>	Г.7
	<p>Ability to carry out photo- and video documenting (if necessary) of the construction work process.</p>	Г.8
	<p>Ability to analyze the design documentation's relevance during the construction work and ensure timely introduction of appropriate amendments to the design documentation or development of additional drawings that became necessary during the construction work taking into account that they must meet basic requirements for buildings and structures.</p>	Г.9
	<p>Ability to review the contractor's proposals for changes in the scope of construction work, deadlines for their delivery, changes in the cost of their execution, determine whether or not such proposals are reasonable and inform the customer about their acceptability or unacceptability, and in case the contractor's proposals are acceptable, prepare the relevant changes and coordinate them with the customer and contractor.</p>	Г.10
	<p>Ability to advise the customer on engaging relevant specialists and/or organizations in scientific and technical support for the construction project implementation.</p>	Г.11
	<p>Ability to keep records of lab research and test results, carried out during the construction of the facility, and inform the customer in a timely manner about all discovered deviations and inconsistencies and their rectification.</p>	Г.12
	<p>Ability to coordinate the start-up works and provide their prompt acceptance, ability to participate in the organization of construction facility's connection to relevant engineering networks.</p>	Г.13

		Ability to participate in the organization of commissioning of the completed construction facility, draft the documents which in accordance to the applicable Ukrainian legislation formalize the contractor's warranty obligations to the customer, taking into account the timelines specified in the contract, prepare the materials for making final payments for the delivered work and services.	Г.14
		Ability to ensure maintaining a register of documentation provided for by the contract, general reporting under the contract, records of changes in contractual documentation, ensure storage of original warranties and conformity certificates for materials, plant and equipment, and hand over to the customer the as-built and financial documents formed and/or received during the construction of the facility.	Г.15
Д	Organization of occupational health and safety measures implementation	Ability, together with the customer, to provide organization of the OHS management on the construction site.	Д.1
		Ability to ensure development of the construction site OHS plan.	Д.2
		Ability to ensure coordination of OHS measures on the construction site.	Д.3
Є	Amicable settlement of disputes or disagreements	Ability to determine probable emergence of potentially controversial situations / disputes based on the analysis of relationship between the construction project implementation participants, analyze problems, disputes and claims.	Є.1
		Ability to ensure formation of bodies for amicable review and settlement of dispute (Dispute Resolution Boards), develop and agree with the construction project participants the regulations of dispute / disagreement review and the procedure of ruling.	Є.2
		Ability to timely inform the customer about problematic issues that have arisen or may arise in the course of work, to determine and agree between the construction project participants a list of preventive measures aimed at avoiding the potentially controversial situations / disputes.	Є.3
		Ability to study the circumstances that led to a dispute / disagreement, develop and agree a strategy of dispute / disagreement settlement taking into account the rights and interests of the parties, including through the use of alternative dispute resolution (ADR) methods, ability to participate in the amicable settlement of disputes / disagreements that arise during the construction project implementation, representing the customer's interests.	Є.4
		Ability to prepare materials on behalf of the customer for resolving a dispute / disagreement in court, including involving an arbitration court in the event the dispute / disagreement cannot be resolved through amicable settlement.	Є.5
Ж	Construction project risk management	Ability to analyze the conditions and status of implementation and identify possible risks during the construction project implementation.	Ж.1

		Ability to allocate risks and responsibility by their components between the participants of the construction project implementation and determine a list of measures aimed at preventing the risks from occurring.	Ж.2
		Ability to determine the party responsible for insurance in consent with the construction project participants.	Ж.3
3	Performing the functions of tracking the conditions of the construction project implementation and documentation directly at the construction site	Ability to carry out supervision of the contractor's actions consistency while doing the construction work.	3.1
		Ability to document the progress and conditions of the construction work.	3.2
		Ability to promptly inform a higher-level consulting engineer about the discovered violations, delays in construction work, and unforeseen situations at the construction site.	3.3
		Ability to prepare the of reporting documentation sections that directly reflect the process of construction work.	3.4

7. Description of job functions

Job functions	Professional competencies (by work activity or group of work activities)	Items and means of labor (plant, equipment, materials, tools)	Knowledge	Skills and abilities
<p>Job function "A." Preparation and provision of organizational measures aimed at creating the conditions for the construction project implementation.</p> <p>The job function covers the following work actions and operations:</p> <ul style="list-style-type: none"> - advising the customer on the formation of investment intentions, development of organizational and financial options for project implementation, and risk management during the implementation of a construction project; - obtaining, on behalf of the customer, the urban-planning conditions and restrictions, and technical specifications; - preparation of a draft design brief; - preparation of materials for conducting the environmental impact assessment; - development of a feasibility study or investment project; - ensuring the obtaining of a topographic and geodetic underlay (survey) for the design and geological surveys; <p>analysis of input data for design, obtained by the customer or on their behalf, as well as design documentation, and providing proposals to the customer regarding the design stages, construction phases, start-up facilities, improvement of design and engineering solutions, methods of work, construction organization, selection of materials and equipment.</p>				
A Preparation and ensuring organizational measures aimed at creating the conditions for the construction project implementation	A1. Ability to advise customer on forming investment intentions, development of organizational and financial options of project implementation, risks management during the construction project implementation.	Investment activity regulations, personal computer, software.	A131. Investment activity regulations. A132. Accounting regulations. A133. Urban-planning and architectural regulations. A134. Knowledge of the market of construction materials, goods, and services for construction	A1Y1. Develop and justify the concept of investment project or construction project. A1Y2. Evaluate the effectiveness of the construction project implementation taking into account risk and uncertainty factors. A1Y3. Carry out systematic planning of the construction project

			purposes.	implementation activities at all lifecycle stages of the future facility. A1Y4. Develop an investment cost estimate and make a preliminary calculation of the project budget. A1Y5. Manage investment project and construction project implementation.
	A2. Ability to obtain on behalf of the customer urban-planning conditions and restrictions, and technical specifications	Design regulations, personal computer, software.	A231. Urban-planning and architecture regulations. A232. Regulations concerning development of the design documentation for construction of facilities, approval of construction designs and their verification.	A2Y1. Prepare the documents necessary to obtain urban-planning conditions and restrictions, and technical conditions. A2Y2. On customer's instruction, to ensure the receipt of urban-planning conditions and restrictions, technical conditions. A2Y3. Analyze the received urban-planning conditions and restrictions and technical specifications in terms of compliance with customer's requirements and economic impact on the project implementation as a whole, the requirements established by urban-planning conditions and restrictions and technical specifications.
	A3. Ability to prepare a draft design brief.	Design regulations, personal computer, software.	A331. Urban-planning and architecture regulations. A332. Regulations and documents for development of design documentation for the construction of facilities.	A3Y1. Determine reasonable customer's requirements for planning, architectural, engineering, technical and technological solutions regarding the construction facility, its main parameters, cost indicators, organization of its construction taking into account the requirements established by urban-planning conditions and restrictions and technical specifications.
	A4. Ability to prepare materials to	Environmental impact	A431. Environmental impact assessment	A4Y1. Ensure the preparation of the EIA

	<p>conduct the environmental impact assessment.</p>	<p>assessment regulations, personal computer, software</p>	<p>regulations, criteria for determining planned activities that are not subject to environmental impact assessment, and criteria for determining expansions and changes to activities and facilities that are not subject to environmental impact assessment. A433. Documentation handover procedure for providing the EIA opinion and EIA financing, procedure of keeping the single register of EIA. A434. Regulations for holding public hearings during the environmental impact assessment.</p>	<p>report. A4Y2. Ensure conducting a public discussion. A4Y3. Ensure that the information provided in the EIA report, any additional information provided by the construction customer, and information from public discussions is sent to the authorized agencies for analysis during the procedure of transboundary impact assessment, and other information. A4Y4. Ensure receipt from authorized bodies a motivated conclusion on the EIA that takes into account the analysis results.</p>
	<p>A5. Ability to develop a feasibility study or investment project.</p>	<p>Regulations for development of feasibility studies, personal computer, software.</p>	<p>A531. Regulations for the development of design documentation for construction.</p>	<p>A5Y1. Determine technical possibility and economic feasibility of building the facility as a whole, by construction phases and startup facilities. A5Y2. Justify the construction facility's rated capacity. A5Y3. Determine the need for engineering surveys. A5Y4. Determine a list of basic technical solutions for the master plan and transport chart, consolidated plan of engineering networks, basic solutions for engineering preparation of the area and protection of houses, buildings and structures from dangerous natural or man-made hazards, technological, construction and architectural planning solutions, energy efficiency solutions and indicators, comparison of options, OHS, construction</p>

				organization provisions, technical protection of information.
	A6. Ability to ensure obtaining topographic and geodetic underlay (survey) for the design and implementation of geological surveys.	Documents confirming ownership or lease right of the land plot allocated for development, personal computer, software.	A631. Regulations for determination of cost of design and survey work. A632. Regulations for engineering surveys for construction. A633. Cadastral plan.	A6Y1. Determine a provider or contractor of the topographic and geodetic survey. A6Y2. Determine a contractor of topographic and geodetic survey and engineering and geological survey. A6Y3. Ensure receipt by the customer of the topographic and geodetic underlay (survey) and results of engineering and geological surveys on a contractual basis and making respective payments to contractors.
	A7. Ability to analyze the design basis received by the customer or on their behalf, and the design documentation and provide proposals to the customer regarding the design stages, construction phases, startup facilities, improvement of design and engineering solutions, work execution methods, organization of construction, selection of materials and equipment.	Design basis, personal computer, software.	A731. Urban-planning conditions and restrictions. A732. Technical specifications. A733. Engineering and geological survey data, topographic survey (underlay). A734. Cadastral plan.	A7Y1. Analyze the existing urban-planning conditions and restrictions, technical specifications, data of topographic and geodetic, and geological surveys. A7Y2. Determine the possibility of the construction project implementation based on the available design basis. A7Y3. Provide the customer with proposals regarding the design stages, construction phases, and startup facilities.
<p>Job function "Б." "Preparation and ensuring the conduct of tender procedures and formation of contractual relations"</p> <p>The job function covers the following work actions and operations:</p> <ul style="list-style-type: none"> - determining a list of requirements and criteria for the selection of contractors that must be involved in carrying out topographic and geodetic and engineering geological surveys, developing the design documentation, and doing the construction work; - developing the tender dossier and ensuring the conduct of tender procedures; - developing the provisions of contracts for the performance of topographic and geodetic and engineering surveys. 				
Preparation and ensuring conduct of tender procedures and formation of contractual	B1. Ability to define a list of requirements and criteria for the selection of contractors that must be involved in the topographic and geodetic as well as	Procurement regulations, initial data for design, copying a cadastral map (plan) from the State Land Cadaster,	B131. Public procurement regulations. B132. Pricing rules for design and design and survey work. B133. Initial data for design.	B1Y1. Form a list of requirements for contractors of topographic and geodetic surveys, design work, and construction work. B1Y2. Define the selection criteria for

<p>relations.</p>	<p>engineering and geological surveys, development of design documentation, and construction work.</p>	<p>personal computer, software.</p>	<p>B134. Officially approved design documentation. B135. Regulations for pricing of design and survey work. B136. Regulations for engineering surveys for construction.</p>	<p>respective work contractors.</p>
	<p>B2. Ability to develop the tender documentation and ensure the conduct of tender procedures.</p>	<p>Procurement legislation, personal computer, software, Internet.</p>	<p>B231. Public procurement regulations. B232. Initial data for design. B233. Officially approved design documentation. B234. Rules for pricing of design and design and survey work. B235. Rules for the use of electronic public procurement platforms.</p>	<p>B2Y1. Develop draft tender documentation and coordinate its provisions with the customer. B2Y2. Ensure the tender documentation is posted on an electronic platform. B2Y3. Provide the participants with clarifications on procurement issues. B2Y4. Assist the customer in determining the winner of the procurement.</p>
	<p>B3. Ability to develop the provisions of design and construction work contracts and ensure their conclusion.</p>	<p>Regulations on contractual relations in construction, personal computer, software, means of communication, Internet.</p>	<p>B331. Urban-planning and architecture regulations. B332. Regulations and documents on the conclusion and delivery of capital construction contracts.</p>	<p>B3Y1. Determine the essential conditions of the contract. B3Y2. Draft the contract and agree its provisions with the construction project implementation participants. B3Y3. Ensure the contract is signed by the parties.</p>
	<p>B4. Ability to develop provisions of design and construction work contracts, taking into account provisions of international contract forms, traditions and recommendations of international and national organizations.</p>	<p>Regulations on contractual relations in construction, copies of internationally recognized forms of construction contracts, personal computer, software, communication equipment, Internet.</p>	<p>B431. Urban planning and architecture regulations. B432. Regulations and documents on the conclusion and delivery of capital construction contracts.</p>	<p>B4Y1. Determine an internationally recognized contract form, acceptable for the formation of contractual relations during the construction project implementation. B4Y2. Determine the general and special conditions of contract. B4Y3. Determine the list of annexes to the contract, which should be its integral parts. B4Y4. Draft the contract and agree its provisions with the construction project participants. B4Y5. Ensure the contract is signed by the parties.</p>

Job function "B." Providing independent engineering control of quantitative and qualitative indicators of the construction work.

The job function covers the following job actions and operations:

- checking the completeness and ensuring the handover of design documentation to the contractor;
- participation in the construction site handover to the contractor;
- determining the completeness and truthfulness of the information provided in the documents obtained during the construction process, which confirm the quality characteristics of building materials, structures, products, and equipment;
- ensuring selective control in the course of construction work (installation of plants and equipment), in terms of determining compliance of the quality of such work with the requirements established by the design documentation, flowcharts, building codes, and other technical regulatory documents that are mandatory to observe in accordance with the legislation;
- representing the construction customer's interests during inspections by representatives of oversight authorities, analyzing the validity of the instructions and prescriptions issued as a result of such inspections, and providing the contractor with recommendations on their fulfillment;
- establishing requirements for the contractor to provide laboratory test results for the applied building materials and products in order to confirm their compliance with quality certificates, and equipment – with technical (technological) passports, and in case of detecting non-compliance of the applied building materials and products with design documentation, flowcharts, state building codes, standards, rules
- establishing requirements for eliminating the identified non-conformities;
- checking the forms КБ-2в "Acceptance certificate of completed construction work" in terms of cost indicators of the delivered work, materials, equipment, machinery and mechanisms used, checking the forms КБ-3 "Certificate of the cost of completed construction work and expenses", checking other forms of primary accounting documents provided for by the contract, informing the customer about the possibility of making payments for the completed work, maintaining the bill of quantities of the construction work accepted by the customer;
- identifying violations by the contractor in the course of construction work, informing the customer about the identified facts of violations and providing the customer with proposals to suspend further execution of work by the contractor until the identified violations and deficiencies are eliminated;
- ensuring monitoring the elimination of identified violations by the contractor, and in the event of the contractor's refusal to eliminate the identified violations and deficiencies, taking measures aimed at exercising the rights of the construction customer in terms of applying sanctions provided for by the construction contract, including by making proposals to the customer to terminate such a contract;
- tracking the sufficiency of staff, machines and mechanisms of the contractor and subcontractors (if any) during the construction work, compliance by the contractor (subcontractors) with the construction work schedule approved by the customer.

<p>B. Ensuring independent engineering control of quantitative and quality indicators of construction work performance.</p>	<p>B1. Ability to check the completeness and ensure handover of design documentation to the contractor.</p>	<p>Regulations on the development of design documentation for construction, design documentation, personal computer, software, Internet.</p>	<p>B131. Regulations and documents on the development of design documentation for construction. B132. Design documentation approved in accordance with the established procedure.</p>	<p>B1Y1. Check out for a positive expert opinion on after the review of design documentation. B1Y2. Check the completeness of the design documentation received from the designers. B1U3. Ensure the design documentation approved by the customer in accordance with the established procedure is handed over to the contractor and a relevant certificate is executed.</p>
	<p>B2. Ability to take part in the handover of the construction site to the contractor.</p>	<p>Contractual documentation, documentation confirming ownership or lease right for the land lot allocated for the development, personal computer,</p>	<p>B231. Provisions of the construction contract regulating the customer's obligations for the construction site's handover to the contractor.</p>	<p>B2Y1. Draft the certificate of delivery and acceptance of the construction site from the customer to the contractor. B2Y2. Ensure the actual handover of the construction site to the contractor on the basis of the above certificate.</p>

		software, Internet.		B3Y3. Ensure storage or handover of the certificate to the customer.
B3. Ability to determine the completeness and reliability of the information provided in documents obtained during the construction process, which confirm the quality characteristics of building materials, structures, products and equipment.		Construction organization regulations, duly approved design documentation, personal computer, software.	B331. Regulations and documents on the development of design documentation for construction. B332. Regulations for the organization of construction production. B333. Duly approved design documentation.	B3Y1. Determine the frequency of checking the availability of documents confirming the quality of building materials, structures, and products. B3Y2. Establish the requirements for the conditions and frequency of laboratory tests. B3Y3. Analyze the results of laboratory tests.
B4. Ability to provide selective control during the construction work (installation of plant and equipment), in terms of determining the compliance of such work quality with the requirements established by the design documentation, flowcharts, building codes, and other technical regulations that are mandatory to observe under the law.		Regulations on quality and quantity control of the delivered construction work, personal computer, software.	B431. Civil relations regulations. B432. Quality management regulations. B433. Regulations on the organization of construction production. B434. Construction production technology. B435. Devices necessary for instrumental testing (tape measure, curvimeter, level, theodolite, pyrometer, etc.)	B4Y1. Carry out visual inspection of the work performed. B4Y2. Carry out selective instrumental testing of the work performed. B4Y3. Determine the compliance of quantitative and qualitative characteristics of the work performed with the design documentation duly approved by the customer and regulations. B4Y4. Track the contractor's fulfillment of instructions and prescriptions issued as a result of construction supervision, state architectural and construction control and state oversight. B4Y5. Display information about the supervision and oversight results, revealed shortcomings and measures taken in the reporting documentation.
B5. Ability to represent the interests of the construction customer during inspections by representatives of oversight authorities, analysis of the validity of instructions and prescriptions issued as a result of such		Regulations on state supervision and oversight of construction, personal computer, software.	B531. Regulations on the provision of administrative services in the construction sector and functioning of the Single State Electronic System in the Construction Sector. B532. Regulations on the functioning of architectural and	B5Y1. Monitor the actions of the oversight authorities' representatives during inspections. B5Y2. Determine the validity of comments and instructions issued by oversight authorities. B5Y3. Monitor the rectification of comments

	<p>inspections, and provision of recommendations to the contractor regarding their fulfillment.</p>		<p>construction oversight and supervision bodies. B533. Regulations on the liability for offenses in the field of urban development. B534. Regulations on the liability for administrative offenses.</p>	<p>and fulfillment of instructions. B5Y4. Inform the customer about the results of inspections and measures taken to remove the identified violations.</p>
	<p>B6. Ability to demand that the contractor provides laboratory test results of the applied construction materials and products in order to confirm their compliance with quality certificates, and equipment - with technical (technical) passports, and in case of detecting incompliance of the applied construction materials and products with design documentation, flowcharts, state building codes, standards, or rules, to demand elimination of the identified inconsistencies.</p>	<p>Construction work technology, design documentation, regulatory documents on construction work execution, personal computer, software.</p>	<p>B631. Regulations and documents on the organization of construction production. B632. Duly approved design documentation for construction. B633. Construction production technology.</p>	<p>B6Y1. Monitor the compliance with design and regulatory documentation of the applied building materials, structures, and products. B6Y2. Demand that the contractor conducts laboratory tests of materials and structures for their compliance with quality certificates, and equipment - with technical (technological) passports. B6Y3. If justified, to demand that the contractor suspends construction work by entering such information in the general work log and provide relevant instructions, and in case of detecting non-compliance of the applied building materials, structures, products. B6Y4. Issue reasoned orders in case the contractor removes the shortcomings. Ability to inform the customer about the violations detected and measures taken.</p>
	<p>B7. Ability to check the KB-2B forms "Acceptance certificate of completed construction work" in terms of cost indicators of completed work, materials, equipment, machinery and mechanisms used, check the KB-3 forms "Certificate on the cost of completed construction work and</p>	<p>Regulations on the of construction work implementation and primary accounting documents in construction, duly approved design documentation, method statement,</p>	<p>B731. Rules for determining the cost of construction. B732. Estimate-cost part of the design documentation.</p>	<p>B7Y1. Demand that the contractor submits KB-2B and KB-3 forms in time. B7Y2. Check the information entered by the contractor in the above forms regarding the compliance of the completed construction work quantity, taking into account the compliance of the work quality with the</p>

	<p>expenses", check other forms of primary accounting documents provided for by the contract, inform the customer about possibility to make payments for the work delivered, keep records of the of construction work quantities accepted by the customer.</p>	<p>flowcharts, cumulative BOQ of delivered construction work, personal computer, software.</p>		<p>established requirements. B7Y3. Track the quantitative indicators entered in the above forms in terms of compliance with the actual quantity of work delivered. B7Y4. Keep the cumulative BoQ of the construction work accepted by the customer. B7Y5. Inform the customer in a timely manner about the correspondence of the information entered in the КБ-2В form in terms of the reflected quantities to the construction work factually delivered by the contractor.</p>
	<p>B8. Ability to detect violations by the contractor in the course of construction work, inform the customer about the detected facts of violations and provide the customer with proposals to halt further work execution by the contractor until the detected violations and deficiencies are eliminated. Ability to control the elimination of the detected violations by the contractor. If the contractor refuses to eliminate the identified violations and shortcomings, ability to take measures aimed at exercising the construction customer's rights in terms of the application of sanctions provided for in the construction contract including offering the customer to terminate such a contract.</p>	<p>Design documentation approved in line with the procedure established by law, state building codes, standards, rules, personal computer, software.</p>	<p>B831. Regulations and documents on the organization of construction production. B832. Duly approved design documentation.</p>	<p>B8Y1. Monitor compliance of the work performed with the design documentation. B8Y2. Identify deviations from the design documentation made by the contractor. B8Y3. Issue instructions to the contractor to correct the identified deviations, monitor the contractor correcting the deviations. B8Y4. Require the contractor to stop the construction work in case of detecting threat factors. B8Y5. Inform in a timely and full manner the customer about the identified deviations and measures taken, and in case the contractor refuses to eliminate the identified threat factors, inform the customer about the work suspension and provide proposals for further actions of the customer.</p>
	<p>B9. Ability to monitor the sufficient number of staff, machines and mechanisms of the contractor and subcontractors (if any)</p>	<p>Duly approved design documentation, regulations on the organization of construction,</p>	<p>B931. Regulations and documents on the organization of construction production. B932. Documents of</p>	<p>B9Y1. Monitor compliance of construction work timelines with the approved schedule. B9Y2. Monitor the</p>

	<p>during the construction work, compliance by the contractor (subcontractors) with the construction work schedule approved by the customer.</p>	<p>personal computer, software.</p>	<p>organizational and administrative nature on executions of engagement letters and drawing up construction work schedules.</p>	<p>adequacy of personnel, machines and mechanisms of the contractor and subcontractors (if any) during the construction work. B9Y3. In case the contractor fails to meet the work schedule, has insufficient manpower and management staff, machines, mechanisms, to study the circumstances that led to such a situation and provide the contractor with proposals for eliminating the identified shortcomings, inform the customer about the identified shortcomings and measures taken. B9Y4. Enter information about the status of the construction schedule into the reporting documentation.</p>
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Job function "Г." Project Management and Administration.

The job function covers the following job actions and operations:

- creating a single base for planning, organizing the documentation formed or received during the construction project implementation, determining the connection between the work envisaged by the project and the customer's accounting system, determining the content and developing the forms of reporting documentation, and agreeing the reporting frequency with the customer;
- monitoring the compliance with design documentation development schedule, providing proposals for improving the design solutions, conducting a preliminary analysis of the developed design documentation;
- support for the verification of design documentation, monitor the designer's elimination of deficiencies identified during the design documentation verification, ensure the acceptance and approval of design documentation by the customer in accordance with the procedure established by the law, prepare materials for the customer's payments to the design documentation developer for the work delivered;
- organizing and ensuring meetings with the construction project implementation participants in order to monitor the fulfillment of the contract terms regarding compliance with the contract's deadlines, payment schedules, etc., drawing up minutes of meetings, sending them to all participants of such meetings, and monitoring the execution of protocol decisions by the parties;
- analysis of cost indicators of the construction project implementation and making proposals for their optimization by applying new / alternative technologies, materials, construction products, attracting labor, using machines and mechanisms; checking the invoices issued by the contractor for the work performed, services provided, materials, plant and equipment supplied, tracking the fulfillment of the contract terms regarding the costs and compliance with the approved cashflows and estimate cost;
- ensuring the customer's interaction during construction with oversight and supervision, environmental protection bodies, local government bodies, the public, representation in accordance with the terms of the contract of the customer's interests in state authorities, local government bodies, enterprises, institutions, organizations, in particular, when receiving administrative services, including the permit (approval) procedures, and inspections;
- supervising the contractor's incoming and operational control, in particular regarding the availability of documents confirming the quality of building materials, products and structures (technical passports, certificates of conformity, laboratory test results), monitoring the contractor's maintenance of as-built documentation at the site, checking the КБ-3 forms "Certificate of the cost of construction work performed and expenses" and informing the customer about the possibility of making payments for the work performed;

- taking photos and videos (if necessary) of the construction work process;
- analyzing the correctness of design documentation during the construction work and ensuring timely introduction of appropriate changes to the design documentation or development of additional drawings that became necessary during the construction work, taking into account the necessity to meet basic requirements for buildings and structures;
- reviewing the contractor's proposals regarding changes in the scope of construction work, deadlines for their completion, changes in the cost of their delivery, determining if such proposals are appropriate or not, and informing the customer about their acceptability or unacceptability, and in case of acceptability of the contractor's proposals, preparing and agreeing with the customer and the contractor the relevant changes;
- providing the customer with recommendations on involving relevant specialists and/or organizations in scientific and technical support for the project implementation;
- keeping records of the results of laboratory research, trials and tests carried out during the of the facility's construction, timely informing the customer about all discovered deviations and inconsistencies and their rectification;
- ensuring coordination of pre-commissioning work and ensuring its prompt acceptance, participating in organizing the connection of the construction facility to the relevant engineering networks;
- participation in organizing the commissioning of the completed facility, draft the documents that, in accordance with the applicable Ukrainian legislation, formalize the contractor's warranty obligations to the customer, taking into account the terms specified in the contract, preparing the materials for final payments for the work and services delivered;
- ensuring the maintenance of a register of documents provided for by the contract, general reporting under the contract, records of changes in the contractual documentation, storage of original warranties and certificates of conformity for materials, plant and equipment, and handover of the as-built and financial documentation formed and/or received during the facility's construction to the customer.

<p>Г. Project management and administration</p>	<p>Г1. Ability to create a single base for planning, organizing the documentation formed or received in the process of implementing a construction project, determine the relationship between the work provided for in the design documentation and the customer's accounting system, determine the content and develop forms of the reporting documentation, and agree with the customer on the reporting frequency.</p>	<p>Regulations on investment activities, accounting, pricing in the construction sector, personal computer, software, project management software, digital information storage devices.</p>	<p>Г131. Regulations on taxation, accounting and financial reporting in Ukraine. Г132. Investment activity regulations. Г133. Rules for determining the cost of construction. Г134. Regulations on quality management in construction project implementation.</p>	<p>Г1Y1. Determine optimal planning mechanisms and means of ensuring the storage of received or formed information. Г1Y2. Determine the optimal form of information and data exchange between participants of the construction project implementation, including use of electronic communication means. Г1Y3. Determine the investment form best for the customer, taking into account the requirements established by the taxation legislation. Г1Y4. Determine the list of the reporting documentation. Г1Y5. Determine the content and prepare the forms of the reporting documentation. Г1Y6. Agree with the customer on the reporting frequency.</p>
	<p>Г2. Ability to monitor the designer's compliance with the schedule of design documentation</p>	<p>Regulations on the development of design documentation, contractual</p>	<p>Г231. Regulations and documents on the development of design documentation for construction.</p>	<p>Г2Y1. Track how the design schedule is followed. Г2Y2. Monitor the validity of urban-planning</p>

	<p>development, provide the customer with proposals to improve design solutions, and conduct a preliminary analysis of the prepared design documentation.</p>	<p>documentation including schedule of the design documentation development, personal computer, software, Internet.</p>	<p>Г232. Contractual documentation for the design documentation development.</p>	<p>conditions and restrictions, and technical specifications. Г2Y3. Analyze the design documentation at various stages of development. Г2Y4. Provide suggestions for improving the design solutions. Г2Y5. Carry out a detailed analysis of the prepared design documentation.</p>
	<p>Г3. Ability to provide support for the verification of design documentation, monitor the elimination by the designer of deficiencies found during the verification of design documentation, ensure the acceptance and approval of design documentation by the customer in accordance with the procedure established by law, prepare materials for payments by the customer to the design documentation developer for the work performed.</p>	<p>Regulations on the development, verification and approval of design documentation, contractual documentation, personal computer, software, special software.</p>	<p>Г331. Regulations on urban planning and architectural activities. Г332. Regulations and documents on the development, approval of construction designs and their verification. Г333. Local building regulations approved by relevant local governmental authorities. Г334. Rules for determining the cost of developing the design and survey documentation.</p>	<p>Г3Y1. Provide support for the approval (coordination) of design documentation by bodies whose powers are defined at the legislative level. Г3Y2. Provide support for the verification of design documentation, including monitoring elimination of deficiencies found by the verifying organization. Г3Y3. Report to the customer on the completion of the design documentation development, provide explanations regarding the quality of the design documentation development, its compliance with the customer's requirements, design brief, urban-planning conditions and restrictions, technical specification, and inform about the possibility of accepting and approving the design documentation. Г3Y4. Ensure handover of design documentation from the designer to the customer on the basis of a respective certificate. Г3Y5. Draft the order approving the design documentation by the customer. Г3Y6. Prepare materials for payments for the completed and accepted work on the design documentation development in accordance with the</p>

				procedure of the design contract.
	<p>Г4. Ability to organize and ensure meetings with the construction project implementation participants in order to monitor the fulfillment of contract conditions in terms of compliance with construction deadlines under the contract, payment schedules, etc. Prepare minutes of meetings, send them to all participants of such meetings, and ensure monitoring that the meeting's decisions are fulfilled by the construction project participants.</p>	<p>Personal computer, software, communication equipment, digital information storage devices.</p>	<p>Г431. Rules of business communication and document flow.</p>	<p>Г4Y1. Determine the frequency of meetings. Г4Y2. Determine the list of meeting participants. Г4Y3. Notify the designated participants in a timely manner about the date and venue of meetings. Г4Y4. Prepare the agenda, keep minutes of meetings, draft the meeting's decisions. Г4Y5. Inform the meeting participants about the content of the meeting's decisions and ensure control of their fulfillment.</p>
	<p>Г5. Ability to monitor that the construction project implementation participants fulfill the contract conditions in terms of costs and compliance with the approved financing schedules and estimate cost. Analyzing the construction project implementation performance and providing proposals for its optimization through the use of new /alternative technologies, materials, construction products, attracting additional labor, and using machines and mechanisms. Ability to verify the invoices issued by the contractors for the work delivered, services provided, materials, plant and equipment supplied.</p>	<p>Primary accounting documentation in construction, the cost-estimate part of the duly approved design documentation, personal computer, software, digital information storage devices.</p>	<p>Г531. Rules for determining the cost of construction. Г532. Market of construction goods, works and services.</p>	<p>Г5Y1. Analyze the cost indicators of the construction project implementation in terms of compliance of the cost of construction-related works, goods, and services in comparison with the weighted average cost of these components in the relevant region. Г5Y2. Check the invoices issued by contractors and provide the customer with explanations regarding the possibility of making payments. Г5Y3. Determine ways for optimizing the customer's costs during the construction project implementation. Г5Y4. Coordinate with the construction project implementation participants the measures to optimize the customer's costs and document the results of taking such measures.</p>
	<p>Г6. Ability to ensure the customer's interaction with oversight and</p>	<p>Regulations on state oversight of construction, personal</p>	<p>Г631. Regulations the functioning of architectural and construction control</p>	<p>Г6Y1. Determine the grounds for supervisory, environmental protection and local authorities to</p>

	<p>supervision, environmental protection bodies, local government authorities, and the public during construction, to represent the customer's interests in accordance with the contract in public authorities, local government bodies, enterprises, institutions, and organizations, in particular, when receiving administrative services, including permitting (approval) procedures, and inspections.</p>	<p>computer, software, digital information storage media.</p>	<p>and oversight bodies. Г632. Regulations on local self-government in Ukraine. Г633. Environmental protection regulations.</p>	<p>carry out the construction control and oversight. Г6Y2. Represent the construction customer's interests when environmental control and supervision bodies and local authorities carry out construction control and oversight. Г6Y3. Ensure interaction with representatives of the public.</p>
	<p>Г7. Ability to supervise the contractor's incoming and operational control, in particular regarding the availability of documents confirming the quality of construction materials, products and structures (technical passports, certificates of conformity, laboratory test results), to monitor the contractor's maintenance of as-built documentation on the site.</p>	<p>Regulations on the organization of construction production and quality assurance of construction products, personal computer, software, Internet.</p>	<p>Г731. Regulations and documents on the organization of construction production. Г732. Regulations on accounting in the construction sector. Г733. Rules for determining the cost of construction. Г734. Duly approved design documentation.</p>	<p>Г7Y1. Verify the contractor's implementation of incoming control of design documentation in terms of checking its completeness, technical feasibility of design solutions, and sufficiency of technical information to do the work. Г7Y2. Check the contractor performing the incoming inspection of structures, products, materials and equipment for their compliance with the requirements of the working documentation, passports, certificates and other accompanying documents. Г7Y3. Check the contractor's operational control in terms of compliance with the construction and installation work technology, its compliance with the requirements of regulatory documents - national standards of Ukraine, state building norms and rules, as well as technical documents such as construction</p>

				organization plan, method statement, flowcharts, operational quality control patterns. Г7Y4. Check the cost indicators of completed construction work and expenses.
Г8. Ability to take photos and videos (if necessary) of the construction work process.	Camera, video camera, personal computer, software, special software.	Г831. Rules of using the photo equipment. Г832. Rules of using video equipment. Г833. Rules of processing the photo and video materials preserving the quality of such materials.	Г8Y1. Provide photo and video documenting of the construction work process. Г8Y2. Provide photo and video documenting of the construction work performed with violations or defects. Г8Y3. Provide photo and video documenting of the actual rectification of the revealed violations or defects by the contractor.	
Г9. Ability to analyze the relevance of design documentation during construction work and ensure timely introduction of appropriate changes to the design documentation or development of additional drawings that became needed during construction work, taking into account the necessity to comply with the basic requirements for buildings and structures.	Regulatory documents on the development of design documentation, organization of construction production, duly approved design documentation, personal computer, software.	Г931. Regulations and documents on the composition and content of the design documentation for construction. Г932. Regulations and documents on the organization of construction production. Г933. Duly approved design documentation.	Г9Y1. Together with the contractor, monitor the adequacy and relevance of the working documentation for the construction work planned to be performed. Г9Y2. Timely determine, independently or upon the contractor's request, the justification, necessity and expediency of making appropriate changes to the design documentation. Г9Y3. Inform the customer in a timely manner about the need to make changes to the design documentation. Г9Y4. Together with the designer, ensure timely changes to the design documentation. Г9Y5. Provide documentary support for making changes to the design documentation, including conclusion of respective agreements, ensuring payments from the customer to the designer for the work delivered.	
Г10. Ability to review the contractor's proposals regarding changes in the scope of construction work,	Regulatory documents on construction organization, primary	Г1031. Regulations and documents on the organization of construction production. Г1032. Construction	Г10Y1. Monitor compliance of the scope of work performed with the duly approved design documentation. Г10Y2. Monitor	

	<p>its completion deadlines, changes of their cost, determine if such proposals are appropriate or not, and inform the customer about their acceptability or unacceptability, and in case of acceptability of the contractor's proposals, prepare and agree with the customer and the contractor the respective changes.</p>	<p>accounting documentation, duly approved design documentation, including approved work schedules, personal computer, software, Internet.</p>	<p>production technology. Г1033. Rules for determining the cost of construction. Г1034. Cumulative BoQ of construction work delivered. Г1035. Rules of business document flow.</p>	<p>compliance of actual costs with approved designed indicators. Г10Y3. Investigate the reasons for the need/expediency and analyze the contractor's proposals regarding changes of the work completion timelines, changes of the cost of work. Г10Y4. Justify the acceptability or unacceptability of the contractor's proposals. Г10Y5. Prepare a certificate for the customer stating the acceptability or unacceptability of the contractor's proposals. Г10Y6. In case of accepting the contractor's proposals, provide documentary support to make relevant changes to the contractual and/or design documentation.</p>
	<p>Г11. Ability to advise the customer on involving relevant specialists and/or organizations in scientific and technical support for the construction project implementation.</p>	<p>Regulatory framework for the implementation of scientific and technical support for construction, personal computer, software, Internet.</p>	<p>Г1131. Regulations on the activities of base organizations for scientific and technical activities in construction. Г1132. Regulations and documents on scientific and technical support of construction projects.</p>	<p>Г11Y1. Determine the need to provide informational assistance in solving construction production tasks regarding its preparation, development of design and technological documentation, planning and management, provision of all types of resources, accounting, etc. Г11Y2. Determine the need to monitor the condition of structures and engineering equipment; if necessary, develop design solutions for individual units, taking into account specific conditions of work. Г11Y3. Determine the need to develop individual technological solutions related to the real conditions of work; quality control of materials, products and structures. Г11Y4. Determine the need to adjust (revise) operation projects and monitoring technologies used at the stages of operation and</p>

				decommissioning of the facility, etc.
Г12. Ability to keep records of the laboratory research, trials and tests results, carried out during the construction of the facility, to timely inform the customer about all identified deviations and inconsistencies and their rectification.	Regulations on laboratory research, testing, personal computer, software, communication equipment.	Г1231. Regulations on metrology and metrological activities. Г1232. Regulations on the marketing of construction products. Г1233. Regulations and documents that establish general requirements for the competence of testing and calibration laboratories.	Г12Y1. Determine the list of laboratories that need to be involved in trials and tests during construction. Г12Y2. Determine the list of tests and trials during construction. Г12Y3. Keep records of the conducted trials and tests. Г12Y4. Ensure storage of test results. Г12Y5. Inform the customer about the detection of deviations and non-conformities based on the results of tests and trials and their rectification. Г12Y6. Ensure the customer is informed about the of test results.	
Г13. Ability to coordinate pre-commissioning and commissioning work and ensure its prompt acceptance; ability to participate in organizing the connection of the construction facility to the necessary utility networks.	Regulations on pre-commissioning work and connection of the construction facility to the necessary utility network, personal computer, software, internet.	Г1331. Regulations on determining the cost of commissioning work carried out at enterprises, buildings and structures located on the territory of Ukraine. Г1332. Urban-planning and architectural regulations. Г1333. Regulations on the commissioning of completed construction facilities.	Г13Y1. Participate in the development of technical specifications for the pre-commissioning work. Г13Y2. Analyze the pre-commissioning work plan. Г13Y3. Analyze the report on conducting the pre-commissioning work. Г13Y4. Prepare the customer's addresses to the owners of relevant elements of engineering infrastructure or organizations that operate them. Г13Y5. On behalf of the customer, ensure the conclusion of agreements on connecting the construction facility to the necessary utility networks.	
Г14. Ability to participate in organizing the commissioning of the completed facility, draft the documents that, in accordance with the applicable Ukrainian legislation, formalize the contractor's warranty obligations before the	Regulations on the commissioning of completed construction facilities, regulations on the establishment of warranty periods and determination of warranty	Г1431. Regulations on the commissioning of completed construction facilities. Г1432. Regulations and documents on improving the procedure of providing administrative services in the construction sector	Г14Y1. Prepare a set of documents necessary for commissioning of a completed construction facility. Г14Y2. Ensure the facility's registration using the Single State Electronic System in the Construction Sector. Г14Y3. Ensure interaction of the construction customer with the relevant	

	customer, taking into account the terms specified in the contract, prepare materials for making the final payments for the work delivered and services provided.	obligations, personal computer, software, Internet.	and creating the Single State Electronic System in the Construction Sector. Г1433. Regulations on the conclusion and delivery of capital construction contracts. Г1434. Regulations on civil and economic relations. Г1436. Regulations on the consumer rights protection.	authorities, which, in accordance with the procedure established by law, are involved in the commissioning of the completed construction facility. Г14Y4. Apply regulations in terms of determining the warranty periods in accordance with the construction contract. Г14Y5. Determine the warranty periods taking into account the specifics of the completed construction facility and provisions of the construction contract. Г14Y6. Prepare the documents that formalize the relationship between the owner of the completed construction facility and the organization (contractor) that provides warranty service.
	Г15. Ability to ensure the maintenance of a register of documentation provided for by the contract, general reporting under the contract, recording of changes in the contractual documentation, ensure the storage of original guarantees and certificates of conformity for materials, plant and equipment, and handover to the customer of as-built and financial documentation formed and/or received during the construction of the facility.	Personal computer, software, special software, Internet, communication equipment, digital information storage media.	Г1531. Rules for organizing the document flow and archival storage of documents in public authorities, local self-government authorities, enterprises, institutions and organizations.	Г15Y1. Ensure smooth document flow during the construction project implementation.
<p>Job function "Д" "Ensuring the implementation of occupational health and safety (OHS) measures"</p> <p>The job function covers the following job actions and operations:</p> <ul style="list-style-type: none"> - ensure organization of OHS management at the construction site jointly with the customer; - ensure the development of the construction site OHS plan; - ensure coordination of OHS measures at the construction site 				
Д. Organization of	Д1. Ability to ensure, jointly with the customer, the	Regulations on OHS in construction,	Д131. Regulations on state supervision (control) in the field	Д1Y1. Together with the customer, ensure appointment of the OHS

<p>OHS measures</p>	<p>organization of occupational health and safety management at the construction site.</p>	<p>personal computer, software, communication equipment.</p>	<p>of economic activities. Д132. OHS requirements for temporary and mobile construction sites. Д133. Regulations and documents on OHS and industrial safety in construction.</p>	<p>coordinator. Д1Y2. Control that within 30 days, the OHS coordinator sends a preliminary notification of the construction work execution to the territorial unit of the State Labor Service of Ukraine. Д1Y3. Control that a copy of the preliminary notice of construction work is put in a place on the territory of the construction site, visible to all construction participants. Д1Y4. Control the constant updating of the preliminary notice of construction work placed on the construction site in the event of changes in the information written therein.</p>
	<p>Д2. Ability to ensure development of the construction site occupational health and safety plan.</p>	<p>Regulations on OHS in construction, personal computer, software, communication equipment.</p>	<p>Д232. Regulations on OHS on temporary and mobile construction sites. Д233. Standards system of OHS and industrial safety in construction.</p>	<p>Д2Y1. Participate in the development or organization of the construction site OHS plan. Д2Y2. Analyze the construction site OHS plan and inform the customer that the OHS coordinator can sign it. Д2Y3. Ensure coordination of the construction site OHS plan fulfillment.</p>
	<p>Д3. Ability to ensure coordination of the OHS activities at the construction site.</p>	<p>Regulations on OHS in construction, personal computer, software, communication equipment.</p>	<p>Д331. Regulations and documents on OHS in construction</p>	<p>Д3Y1. Ensure coordination of the general OHS requirements fulfillment when choosing technical and/or organizational solutions aimed at planning various works or work stages that can be performed simultaneously or consecutively, and when determining the time required to deliver such works or work stages. Д3Y2. Ensure coordination of measures aimed at ensuring compliance by contractors and individuals with the construction site OHS plan and OHS</p>

				<p>regulations.</p> <p>Д3У3. Introduce or organize introduction of necessary changes to the construction site OHS plan and relevant documentation, taking into account the progress of work and changes that happen, in particular, in the design documentation.</p> <p>Д3У4. Ensure cooperation between contractors and subcontractors, including those replacing each other, and coordinate their actions to protect workers and prevent accidents at work and occupational diseases.</p> <p>Д3У5. Organize mutual exchange of information between the construction project implementation participants.</p> <p>Д3У6. Monitor the OHS coordinator's approval of the contractor's OHS measures, particularly those stipulated in the method statements and flowcharts, and check how such measures are fulfilled.</p> <p>Д3У7. Monitor the contractor's oversight of compliance with the established OHS requirements during the work execution.</p> <p>Д3У8. Together with the OHS coordinator and contractor, determine the procedure for admitting the workers to the construction site, use of collective and individual protective equipment, compliance with the rules for operating the lifting mechanisms, and conditions for connecting to electrical networks.</p> <p>Д3У9. Monitor the contractor's taking of necessary measures aimed at preventing unauthorized persons</p>
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				from being on the construction site.
Job function "C" "Amicable settlement of disputes or controversies"				
The job function covers the following job actions and operations:				
<ul style="list-style-type: none"> - determining the probability of potentially controversial situations / disputes based on the analysis of relationships between the construction project implementation participants; analyzing problems, disputes and claims; - ensuring the formation of bodies for pre-trial review and amicable dispute settlement (Dispute Resolution Boards); developing and agreeing with the construction project participants on the regulations for reviewing the disputes/controversies and the ruling procedure; - timely informing the customer about the problematic issues that have occurred or may arise in the course of work, determining and agreeing with the of construction project implementation participants a list of preventive measures aimed at avoiding the occurrence of potentially controversial situations / disputes; - studying the circumstances that have led to the dispute/controversy, agreeing on a dispute/controversy settlement strategy taking into account the rights and interests of the parties, including through alternative dispute resolution methods (ADR), participating in the amicable settlement of disputes/controversies that arise during the construction project implementation, representing the interests of the customer. - on the customer's instruction, preparing the materials for resolving a dispute/controversy in court, including involving an arbitration court in the event that the dispute/controversy cannot be resolved through amicable settlement. 				
Є. Amicable settlement of disputes or controversies	Є1. Ability to identify the probability of potentially controversial situations/disputes based on the analysis of relationships between the construction project participants, analyze problems, disputes and claims.	Regulations regulating the relationships that occur in the process of economic activities, personal computer, software, means of communication.	Є131. Regulations on civil and economic relations. Є132. Rules of business communication and document flow.	Є1Y1. Identify a list of potentially disputable situations that may occur during construction project implementation, or circumstances that may lead to potentially disputable situations/disputes. Є1Y2. Based on the analysis of conditions and circumstances of the construction project implementation, determine the probability of potentially controversial situations /disputes involving the parties to the construction project Є1Y3. Inform the construction project implementation participants about the probability of potentially controversial situations/disputes.
	Є2. Ability to ensure formation of the pre-trial review and amicable dispute settlement bodies (Dispute Resolution Boards), develop and agree with the construction project participants on the rules for reviewing disputes/controversies	Regulations on relationships occurring in the process of economic activities, contractual documentation, personal computer, software, means of	Є231. Regulations on civil and economic relations. Є232. Rules of business communication. Є233. General rules of business document flow.	Є2Y1. Develop and agree with the construction project implementation participants the regulations for reviewing the disputes / controversies. Є2Y2. With the participation of representatives of the construction project

	and the ruling procedure.	communication.		implementation participants, form the composition of the dispute resolution board, determine its powers, rights and obligations, and agree with the parties the procedure for ruling and implementing the decisions. €2Y3. Ensure documentation of the procedure for establishing the Dispute Resolution Board.
	€3. Ability to timely inform the customer about problematic issues that have arisen or may arise during the work execution, to determine and agree with the construction project implementation participants a list of preventive measures aimed at avoiding the emergence of potentially controversial situations / disputes.	Regulations on relationships that occur in the process of pursuing the economic activities, contractual documentation, personal computer, software, means of communication.	€331. Rules of business communication. €332. General rules of business document flow	€Y1. Detect in a timely manner the circumstances that can potentially lead to disputes / controversies. €Y2. Ability to timely inform the customer about the occurrence of such circumstances. €3Y3. Ability, in consent with the customer, to inform other potential participants of disputes/controversies about the detected circumstance. €3Y4. Ability to offer the parties a list of preventive measures aimed at avoiding or eliminating the potentially controversial situations / disputes.
	€4. Ability to study the circumstances that led to a dispute /controversy, develop and agree on a dispute/controversy resolution strategy taking into account the rights and interests of the parties, including through the use of alternative dispute resolution methods (ADR), ability to participate in the amicable settlement of disputes /controversies that arise during the construction project implementation, representing the interests of the	Regulations on relationships that occur in the process of economic activities, contractual documentation, personal computer, software, means of communication.	€431. Regulations on civil and economic relations. €432. Contractual documentation related to the implementation of a construction project. €433. Duly approved design documentation for the construction of a facility.	€4Y1. Ability to study the circumstances that led to the dispute /controversy. €4Y2. Ability to propose and agree on the amicable settlement strategy for a dispute /controversy. €4Y3. Based on your own analysis of current controversial situations /disputes, recommend and explain to participants the options of alternative dispute resolution (ADR), e.g., mediation, dispute resolution board, etc. €4Y4. Represent the interests of the customer in resolving the dispute/controversy by any available ADR

	customer.			method, including a dispute resolution board.
	Є5. Ability to prepare materials on behalf of the customer for resolving the dispute /controversy in court, including with the involvement of an arbitration court if it is impossible to settle the dispute /controversy amicably.	Regulations on the resolution of commercial disputes in court, personal computer, software, Internet.	Є531. Regulations on civil and economic relations. Є532. Regulations on determining the jurisdiction and powers of general and commercial courts and legal proceedings procedure in general and commercial courts. Є533. Regulations on the judicial system and the status of judges in Ukraine. Є534. Regulations on arbitration courts.	Є5Y1. Prepare materials for the formation of a lawsuit. Є5U2. Provide qualified legal support for the review of a dispute /controversy in court by engaging a person who has the right, in accordance with the procedure established by law, to represent the interests of the plaintiff. Є5Y3. Participate in a court hearing.

Job function "Ж" "Project Risk Management"

The job function covers the following job actions and operations:

- analysis of the conditions and status of implementation and identification of possible risks during the construction project implementation;
- allocation of risks and responsibility by their components among the construction project participants and determination of a list of measures aimed at preventing the occurrence of risks;
- in consent with the participants in the construction project implementation, determination of the party responsible for insurance

Ж. Project risk management	Ж1. Ability to analyze the conditions and status of implementation and identify possible risks in the construction project implementation.	Regulatory documents on risk management in construction, personal computer, software, communication equipment, Internet, design documentation.	Ж131. Regulations and documents on risk management. Ж132. Regulations and documents on determining the consequence (responsibility) class of construction facilities.	Ж1Y1. Analyze the conditions and circumstances of the construction project implementation. Ж1Y2. Identify risks that may occur during the implementation of a construction project.
	Ж2. Ability to allocate risks and responsibilities among the construction project participants and determine the list of measures aimed at preventing the occurrence of risks.	Regulations on contractual relations in construction, liability for violations in the field of urban planning activities, regulatory documents on risk management in construction, design documentation, personal computer, software,	Ж231. Urban-planning and architectural regulations. Ж232. Insurance regulations. Ж233. Regulations on the conclusion and delivery of capital construction contracts. Ж234. Risk management regulations. Ж236. Regulations and documents on determining the consequence (responsibility) class	Ж2Y1. Identify and group possible construction project implementation risks by components, stating them in a relevant document. Ж2Y2. Coordinate allocation of the identified risks and responsibility for their occurrence among the construction project implementation participants. Ж2Y3. Develop and coordinate with the construction project implementation

		communication means, Internet.	of construction facilities.	participants the measures aimed at preventing the occurrence of risks. Ж2У4. Ensure control of how the parties fulfill their risk management obligations.
	Ж3. Ability to determine the party responsible for insurance in consent with the construction project participants.	Regulations on contractual relations in construction, liability for violations in the field of urban planning and insurance, personal computer, software, means of communication, Internet.	Ж331. Urban planning and architectural regulations. Ж332. Insurance regulations Ж333. Regulations on liability for offenses in the field of urban planning activities. Ж334. Regulations on the conclusion and delivery of capital construction contracts.	Ж3УУ1. Determine the list of events during construction that are subject to insurance. Ж3УУ2. Determine the party responsible for insurance, which is the construction project implementation participant. Ж3УУ3. Agree with the construction project implementation participants the terms of insurance and the subject of the insurer. Ж3УУ4. Ensure documentation of obligations of the party determined to be responsible for insurance.

Job function "3" "Performing supervisory functions and documenting during the construction project implementation directly at the construction site"

The job function covers the following job actions and operations:

- supervision of the contractor's sequence of actions in the course of construction work;
- documenting the progress and conditions of construction work;
- timely informing a higher category consulting engineer about the revealed violations or delays in the construction work and occurrence of unforeseen situations at the construction site;
- preparation of the reporting documentation sections that directly reflect the construction work process.

3. Performing the functions to track the conditions of the construction project implementation and documenting directly at the construction site.	31. Ability to supervise the sequence of the contractor's actions during the construction work.	Regulations and documents on the organization of construction production, duly approved design documentation.	3131. Regulations on urban planning and architectural activities. 3132. Regulations on the organization of construction production. 3133. Technology of construction work. 3134. Construction work schedule.	31У1. Supervise the execution of construction work directly at the construction site. 31У2. Monitor the compliance of the contractor's sequence of actions when performing construction work with the duly approved design documentation.
	32. Ability to document the progress and conditions of construction work.	Regulations and documents on the organization of construction production, rules of business communication and document flow, personal computer,	3231. Regulations and documents on the organization of construction production.	32У1. Carry out regular documenting of the work progress at the construction site, including, but not limited to, information on weather conditions, information on the presence of the contractor's

		software.		(subcontractor's) staff at the construction site, areas where work is being carried out, information on circumstances that led to changes in the timing of construction work.
33. Ability to promptly inform a higher-level consulting engineer about the identified violations or delays in the construction work and occurrence of unforeseen situations at the construction site.	Regulations and documents on the organization of construction production, rules of business communication and document flow, personal computer, software, Internet, means of communication.	3331. Regulations and documents on the organization of construction production. 3332. OHS regulations and documents. 3334. Construction work schedule.	33Y1. Monitor the construction work deadlines according to the duly approved schedule. 33Y2. In the event of unforeseen situations or circumstances, including occurrence of forces majeures, which have led or may lead to a change in the timeframe of construction work or will impact the construction project implementation as a whole, promptly inform a higher-category consulting engineer about that.	
34. Ability to prepare sections of the reporting documentation that directly reflect the process of construction work.	Regulations and documents on the organization of construction production, rules of business communication and document flow, personal computer, software.	3431. Regulations and documents on the organization of construction production. 3432. Duly approved design documentation.	34Y1. Based on information about the construction work progress obtained through regular documenting directly at the construction site, prepare the relevant reporting documentation sections which reflect the progress of the construction project implementation. 34Y2. In the manner, in the amount, and within the time limits determined by the consulting engineer of a higher category, provide the developed sections for their inclusion in the reporting documentation.	

CC1	Independently: specialists of the "lead" category, category I, category II	Independently: specialists of the "lead" category, category I, category II	Independently: specialists of the "lead" category, category I, category II	Independently: specialists of the "lead" category, category I, category II	Independently: specialists of the "lead" category, category I	Independently: specialists of the "lead" category	Independently: specialists of the "lead" category	Independently: specialists of the "lead" category, category I, category II, "basic" category
	Under the guidance of specialists of the "lead" category, category I, category II: specialist of the "basic" category	Under the guidance of specialists of the "lead" category, category I, category II: specialist of the "basic" category	Under the guidance of specialists of the "lead" category, category I, category II: specialist of the "basic" category	Under the guidance of specialists of the "lead" category, category I, category II: specialist of the "basic" category	Under the guidance of specialists of the "lead" category or category I: specialists of category II, "basic" category	Under the guidance of specialists of the "lead" category: specialists of category I, category II, "basic" category	Under the guidance of specialists of the "lead" category: specialists of category I, category II, "basic" category	

9. Information about the development and approval of the professional standard

9.1. Developer of the professional standard

Public Union “Interstate Consultants Engineers Guild”

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9.2. Verifier of the professional standard

Research Institute of Social Policy of the Ministry of Social Policy of Ukraine and the National Academy of Sciences of Ukraine.

9.3. Date of approval of the professional standard

13 January 2022.

9.4. Recommended date of the next revision of the professional standard

January 2027.