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REGULATION on the Industrial Environmental Control

CONTENTS

1.	Scope	3
2.	Regulatory documents	3
3.	Terms, designations and abbreviations	4
4.	General provisions	6
4.1.	IEC position in the system of the environmental protection measures	6
4.2.	IEC objectives and tasks	6
4.3.	IEC principles and contents	7
4.4.	IEC components, objects and forms	9
4.5.	Requirements to the methods and means of the Environmental and	11
	Analytical Monitoring	
5.	IEC organization and implementation	11
5.1.	The officials responsible for the IEC organization and implementation	11
5.2.	IEC organization procedure	11
5.3.	IEC documentation keeping and storage	12
5.4.	Legal, regulatory, procedural and informational	13
	support	
5.5.	Headcounting and staff composition	13
6.	IEC at the Project construction sites	13
7.	Decisions making upon the IEC results	17
8.	Interaction of the environmental control bodies	18
Atto	chments:	
		20
	hedule of joint inspections of the environmental protection, industrial, labor safety condition at the construction sites of the Gas processing	20
-	blex within Ust-Luga ethane-rich gas processing cluster (form).	01
	neck list of the Contractor's compliance with HSE requirements (form).	21
	e Act of the detected violation of the Russian Federation legislation	26
	other legal acts in the field of labor, industrial and fire safety,	
	ronmental protection (form).	07
	eport on elimination of the violations identified in the course of	21
-	ection (form).	•
	eport in the field of the labor, industrial and fire safety and	28
	ronmental protection (form)	20
	Report in the field of the labor, industrial, fire safety, environmental	30
-	ection, Construction Management Plans (form)	~~
	egister of the identified violations (form).	32
	eport upon the results of the review of the project implementation	33
	ronmental and social aspects (form).	
	dustrial safety and environmental protection report (form).	54
	immary report on compliance with the requirements of the	62
	ronmental and Social Aspects Management Framework Plan and	
	truction Management Plans (form).	
10. I	ncidents register (form).	66

1. SCOPE

1.1. The Regulation on the Industrial Environmental Control (hereinafter – the Regulation) establishes the principles of organization and implementation of the Industrial Environmental Control (hereinafter – the IEC) in RusChemAlliance LLC (hereinafter – the Company), as well as the general requirements to the IEC contents and implementation.

1.2. The Regulation does not define the IEC implementation procedure in terms of the Environmental Management Systems audit.

1.3. The Regulation is binding for the third-party organizations interacting with the Company on the issues related to the Industrial environmental monitoring, Environmental monitoring (hereinafter – IEM) and other issues related to the environmental protection, responsible for the IEC organization and implementation in the Company, contractor organizations participating in the IEC and IEM implementation, all structural subdivisions of the Company.

2. REGULATORY DOCUMENTS

The Regulation has been developed in compliance with the following documents¹:

– Federal law dated 10.01.2002 No. 7-FZ "On environmental protection" (hereinafter – FL "On environmental protection");

- The Russian Federation Land Code dated 25.10.2001 No.136-FZ;

- The Russian Federation Water Code dated 03.06.2006 No. 74-FZ;

- The Russian Federation Forestry Code dated 04.12.2006 No. 200-FZ;

- Federal law dated 24.04.1995 No.52-FZ "Concerning fauna" (hereinafter - FL "Concerning fauna");

– Federal law dated 23.11.1995 No. 174-FZ "On environmental expertise" (hereinafter – FZ "On environmental expertise");

- Federal law dated 24.06.1998 No. 89-FZ "On production and consumption waste" (hereinafter – on production and consumption waste");

– Federal law dated 30.03.1999 No. 52-FZ "On sanitary and epidemiological welfare of the population" (hereinafter – FL "On sanitary and epidemiological welfare of the population");

- Federal law dated 04.05.1999 No. 96-FZ "On ambient air protection" (hereinafter FL "On ambient air protection");

– Federal law dated 31.07.2020 No. 248-FZ "On environmental control (supervision) and municipal control in the Russian Federation";

– Gazprom JSC Environmental Policy (approved by Gazprom JSC Management Committee Decree dated 25.09.2015 No.21) (hereinafter – Gazprom JSC Environmental Policy);

¹ When using the Regulation, it is necessary to check the validity of reference documents according to the relevant indexes compiled as of January 01 of the current year and information indexes published in the current year. If the reference document is replaced (changed), then when using this standard, it is necessary to be guided by the replaced (changed) document. If the reference document is canceled without replacement, the provision in which the reference to it is given applies in the part that does not affect this reference.

- RusChemAlliance LLC Regulation on the Environmental Protection (approved by the Board of Directors decision, MoM dated 28.09.2018 No.2);

– STO Gazprom 2-1.19-183-2007 (with amendment No.1) "Environmental protection. Terms and definitions";

– STO Gazprom 2-1.19-214-2008 "Environmental protection at the enterprises of Gazprom JSC. Industrial Environmental Control and monitoring. Terms and definitions";

- STO Gazprom 2-1.19-275-2008 (instead of sub-para. 4.5, 4.6, 4.8, 7.3 STO 12-2.1-024-2019 "Environmental protection at the enterprises of Gazprom JSC. Industrial Environmental Control. General requirements" is valid;

- STO Gazprom 2-1.19-297-2009 "Environmental protection at the enterprises of Gazprom JSC. Industrial environmental control of the ambient air protection. Organization and execution procedure";

- STO Gazprom 2-1.19-567-2011 "Corporate environmental reporting";

– STO Gazprom 12-2.1-024-2019 "Gas supply system. Industrial Environmental Control. Main requirements";

– STO Gazprom 12-3-002-2013 "Designing of the Industrial Environmental Monitoring systems".

3. TERMS, DESIGNATIONS AND ABBREVIATIONS

3.1.Used terms and definitions:

- **inspectional control** – an integral part of the IEC executed in order to ensure the general requirements of the environmental protection law, regulatory documents and standards of Gazprom PJSC in the field of the environment and rational use of the natural resources;

- control in the field of the environmental protection (environmental control) –a system of measures aimed to prevention, identification and suppression of violations of the environmental protection law, ensuring compliance with the requirements, including those of the regulations and regulatory documents, federal rules and regulations, in the field of environment;

- environment pollution monitoring – the activity which includes measurement of one or several environment contamination indicators and comparison of the obtained results with the established limited allowable values (hereinafter – LAV) in compliance with the requirements established by the federal body of the executive power in the field of hydrometeorology and its associated fields;

– **Industrial Environmental Control** – a type of environmental control, including a complex of the events carried out by the economic or other entities with the purpose of ensuring performance in the course of the economic or other activity the events on the environmental protection, rational use and restoration of the natural resources, as well as in order to comply with the environmental protection requirements, established by the environmental protection law and applicable international standards;

- Industrial Environmental Monitoring – a type of the environmental control including a complex of the events carried out by the economic or other entities with the purpose of ensuring performance in the course of the economic or other activity the events on the environmental protection, rational use and restoration

of the natural resources, as well as in order to comply with the environmental protection requirements, established by the environmental protection law and applicable international standards;

- an event on the Industrial Environmental Control (inspection) – a set of actions of the official carrying out the industrial environmental control, related to execution of the inspection of fulfilling by the user of the natural resources of the environmental protection requirements and regulations, carrying out the laboratory analysis y documental recording of the inspection results: inspection reports, measurement reports and, if necessary, admonitions on elimination of the violations identified;

– **environmental and analytical control** – an integral part of the Industrial Environmental Control, carried out by the certified organization with the use of instrumental and laboratory measurement methods and/or by the officials of the environmental services (using the calculation methods and automatic means and measurement means) in order to comply with the environmental protection regulations;

- **contractor/subcontractor organizations** - the organizations performing works at the Project construction sites within the Project implementation;

- **IEC area** – a system of the events carried out in the course of the Industrial Environmental Control in order to ensure execution, in the course of the economic and other activity, the events on protection of a specific environment component (ambient air, water, lands, fauna etc.) and compliance with the respective requirements of the environmental protection law.

3.2.Used abbreviations:

- EPD Environmental Protection Department;
- GPC gas processing plant;
- LNG Plant liquefied natural gas production plant;
- PSL product and storage loading facility;
- MST Marine shipment terminal;
- UI&O Utilities, infrastructure and off-sites;
- SES State environmental supervision;

- Project - Gas processing complex within Ust-Luga ethane-rich gas processing cluster;

- IEC Environmental industrial control;
- IEM Industrial Environmental Monitoring;
- RF Russian Federation;
- EP Environmental protection;
- SPNA Special protected natural area;
- SS structural subdivision;
- EIC Environmental analytical control;
- ESAMP Environmental and social aspects management plan;
- CMP Construction management plan;
- MP Measurement procedures;
- PA polluting agent;

- SAP sanitary protection area;
- EAC Environmental and analytical control.

4. GENERAL PROVISIONS

4.1.IEC position in the system of the environmental protection events.

4.1.1. Governmental, industrial and social environmental control carried out in the RF represents the measures of interaction forming part of the unified system of ensuring observance of the law requirements in the field of the environmental protection.

4.1.2. IEC is a mandatory element of the Company environmental protection activity and is implemented in combination with other FL provided "On environmental protection: and other environmental protection activity types applicable by the regulatory legal acts of the RF:

consideration of the negative environmental impacts and sources of these impacts;

- environmental impact assessment of the planned activity;

- standardization in the field of environmental protection;
- environmental monitoring;

- arrangement of the sanitary protection areas carried out in compliance with FL "On sanitary and epidemiological welfare of the population";

- environmental expertise carried out in compliance with FL "On environmental expertise";

as well as other measures of the environmental protection being carried out.

4.1.4. IEC executed in the Company includes a complex of events aimed to ensuring, in the course of the economic or other activity, of the events on the environmental protection, rational use and restoration of the natural resources, as well as to observance of the requirements in the field of the environmental protection established by the federal environmental protection law and applicable international standards.

4.2.IEC objectives and tasks.

4.2.1. IEC objectives are as follows:

- Ensuring observance of the requirements set out in the international standards and the RF environmental protection law, including the water, land and forestry law, the law in the field of ambient air protection and in the field of waste handling, other regulatory legal acts of Gazprom PJSC, defining the issues of the environmental protection and rational use of the natural resources in the course of the Project implementation;

- ensuring compliance with the obligations set out in Gazprom PJSC Environmental policy and corporate programs in the field of the environmental protection;

- ensuring compliance with the obligations set out in the Company Environmental policy;

- ensuring execution, in the course of economic or other activities, of the events on the environmental protection, rational use and restoration of the natural resources (hereinafter – the environmental protection events).

4.2.2. To achieve the IEC objectives the following tasks shall be resolved:

- compliance with the environmental protection, sanitary and hygienic and technical requirements in the course of the economic or other activity;

- compliance with the rational use of the natural resource and restoration of the natural resources in the course of the economic or other activity;

- implementation of the environmental protection-related action plans and construction management plans;

- compliance with the requirements to ambient air protection, water bodies, lands and soils, flora and fauna objects, as well as the environmental protection requirements in the field of production and consumption waste handling;

- observance of the water protection areas modes and coastal protection belts;

- compliance with the requirements on protection of the Special Protected Natural Areas;

- prompt and efficient elimination of the reasons of the potential emergencies related to the limit-exceeding environmental impact;

- obtaining the information regarding the current negative environmental impacts for filling the forms of the primary recording documentation;

- prompt informing of the management and employees of the Company regarding the cases of exceeding the limits of environmental protection and sanitary and hygienic regulations, violations of the environmental protection requirements, as well as regarding the reasons for the established violations;

- compliance with the requirements to the completeness and accuracy of the information in the field of environmental protection used when calculating the payments for the negative environmental impacts, to be submitted to the executive power bodies carrying out the State environmental supervision, and the state statistics supervision bodies;

- obtaining the primary information for arranging and planning the environmental monitoring;

- waste handling control;

- control over the timely development and observance of the established regulations, allowable environmental protection impacts and respective licenses;

- control over operation of the environmental protection equipment and facilities;

- control over keeping the documentation on the environmental protection;

- control over the timely submission of the information on the state and contamination of the environment, including the emergency one, on its contamination sources, on the natural resources condition, as well as other data provided by the documents defining the environmental protection-related activities in the organizations;

- control over the organization and carrying out the training, induction and examination in the field of the environmental protection and environmental management.

4.3. IEC principles and contents.

4.3.1. IEC implementation major principles are as follows:

- compliance with the RF law requirements, international standards and local legal acts of Gazprom PJSC defining the environmental protection issues;

- consistency and planned nature of the control activity;

- a complex approach towards carrying out the control activity in the field of the environmental protection, rational use of natural resources and ensuring the environmental safety;

- optimal distribution of the authorities, rights and obligations between all levels of the environmental protection management;

- UEC methodology uniformity;

- A prompt processing of the control activity results and informing all the stakeholders about them, including of all the environmental protection management levels;

- A continuous character of improving the IEC system organization and methodology.

4.3.2. IEC structure shall comply with the Company activity specific nature and the negative environmental impact caused by it and shall include the following:

- IEC over compliance with the environmental protection law general requirements;

- IEC over ambient air protection;

- IEC over water bodies protection;
- IEC in the field of waste handling;
- IEC over lands and soils protection;
- IEC over fauna objects protection and their habitats;
- IEC over forests and flora objects protection;
- IEC over compliance with the Special Protected Natural Areas modes;

When performing the IEC over ambient are protection the following parameters and characteristics, regulated or used when establishing the limited allowable and temporarily approved emissions, are subject to the regular control:

pollutants emission sources into the atmosphere;

- organized and non-organized stationary pollutants emission sources into the atmosphere;

– gas purification units;

- an ambient air at the battery limit of the sanitary protection area (for the production facilities having the non-organized, linear and/or plane sources of atmosphere contamination).

When executing the EIC over the water bodies protection, the following regulated parameters and characteristics are subject to the regular control:

- processes and equipment related to waste water formation;
- water intake areas and used water recording;
- waste water discharges, including the treated ones;
- waste water treatment and sewage systems facilities;
- water consumption and dewatering systems;
- hydrotechnical facilities;

- surface and underground water bodies, the use of which is carried out on the basis of the permitting documentation, as well as of the water protection areas and coastal protection belts.

When carrying out the IEC in the field of waste handling the following regulated parameters and characteristics are subject to the regular control:

- processes and equipment related to waste water formation;

- waste handling procedure;

- facilities, locations (sites) of the temporary waste accumulation;

When carrying out the IEC in the field of land and soil protection the following conditions regulated parameters and characteristics are subject to the regular control:

 of the water fund lands in the areas of waste water discharges to the water bodies and crossings through the water bodies;

- forest fund lands;

- industrial, energy, transportation and other special purpose lands where the production facilities are located (including the sanitary protection areas) and/or construction, geological survey, testing, operation-related and other works are ongoing;

- land plots used for waste accumulation;

 land plots (lands of transportation and other category lands) where product ducts are routed;

- land plots contaminated as a result of emergencies;

- land plots subject to recultivation, and soil recultivation activities;

- land plots situated in the water protected area and coastal protection belt of the water body.

When carrying out the IEC over the flora and fauna objects protection and their habitats, the following activities are subject to the regular control:

- impact on the rare and endemic types of plants and animals' habitats positioned at the area of the potential impact of the production facilities;

- ensuring safety of the water crossings and hydrotechnical facilities operating in the habitats of water biological resources;

- implementation of the protective measures at the production facilities and power lines.

When carrying out the IEC over forests and other vegetation protection the activity related to use and protection of the forest fund, shrub and other vegetation growing at the areas of the production facilities under construction and operation, work performance at the forest fund lands, are subject to the regular control:

When carrying out the ICE over observing the Special Protected Natural Areas modes, the activity related to the potential negative impact of the production facilities to the Special Protected Natural Areas, protected areas of the Special Protected Natural Areas is subject to the regular control.

4.4.IEC components, objects and forms.

4.4.1. When carrying out the IEC, the following components are pointed out:

- Inspectional control;
- Industrial environmental and analytical control;

- control of the environmental protection-purpose systems and tools operation parameters;

- control of the emergency peak impacts on the environment;

- the internal audit of the environmental protection activity management system.

4.4.2. IEC facilities are as follows:

- natural resources;
- waste formation sources;
- locations of the temporary industrial and household waste accumulation;
- pollutants emission sources into the ambient air;
- pollutants emission sources into the water bodies;
- pollutants emission sources into the water discharge networks;
- waste water treatment systems;
- off-gases treatment systems;
- environmental facilities located within the construction site, the area.

List of the specific controlled objects, which parameters and characteristics are subject to the IEC on each field, shall be defined based on the types of caused environmental impacts according to the established standards and permitting documentation.

4.4.3. IEC is carried out in the following forms:

- Inspectional control;

- Industrial environmental monitoring.

4.4.3.1. The inspectional control is carried out in the form of the unscheduled or schedules inspections.

The unscheduled inspections shall be carried out in the following cases:

- inspections of completion of the acts, admonitions on elimination of the previously identified violations of the environmental protection requirements, failure to comply with the environmental protection events;

- obtaining from the state power bodies, local government bodies, organizations and citizens the data on violation of the environmental protection requirements, negative impact on the environment, failure to comply with the environmental protection events;

 industrial environmental monitoring results obtaining confirming the facts of violation of the environmental protection requirements, established standards of the allowable environmental impact, failure to comply with the environmental protection events;

- occurrence of the unfavorable weather conditions;

 arrival from the organizations of the information regarding the occurrence (threat of occurrence) of emergencies, accompanied by the negative environmental impact;

- the Company management Regulation.

4.4.4. IEC at the construction stages is carried out in compliance with the basic design documentation and IEC program on the continuous scheduled basis.

4.5.Requirements to IEC methods and means.

IEAC of the negative environmental impact parameters, regardless of the method used, shall be carried out based on the regulatory and technical documents (measurement procedures, calculation procedures, methodology guidelines, instructions etc.), allowed for use by the respective executive body, carrying out the State environmental supervision.

The requirements to the IEC methods and means used in the course of measurements within the IEC fields, are established by the regulatory documents, organization standards defining the respective IEC areas.

5. IEC ORGANIZATION AND IMPLEMENTATION

5.1. The officials responsible for the IEC organization and implementation.

5.1.1. IEC management is an integral part of the Environmental management system.

5.1.2. The overall Company IEC management is carried out by the General Director.

5.1.3. The Chief Engineer – The First General Director Deputy is the person responsible for the Company IEC arrangement.

5.1.4. The Head of Environmental Protection Department is the person responsible for the industrial environmental control.

5.1.5. Coordination of the Company joint ventures and officials participating in the IEC planning, maintenance and implementation is imposed on the Head of Environmental Protection Department.

Control over elimination of the violations identified in the course of IEC implementation, is carried out by the Head of the Environmental Protection Department.

5.1.6. The following units are responsible for arrangement of work on elimination of the violations identified in the IEC course within the GPC subproject:

- GPP and UI&O subprojects – GPP and UI&O subproject implementation Director;

- LNG subproject – Director of the LNG subproject implementation;

– Marine Shipment Terminal, PSL, infrastructure facilities subprojects-Construction Director.

5.1.7. The responsibility for accuracy of the data used within the IEC is imposed on the Company official submitting the data.

5.2.IEC organization procedure.

5.2.1. IEC in the Company is implemented based on this Regulation.

5.2.2. IEC structure is defined depending on the Company industrial activity nature and negative environmental impact types typical for this activity.

IEC at the facilities under construction is implemented by the Company as follows:

- compliance within the basic design documentation of the environmental protection requirements and standards of the negative environmental impact;

- availability of the environmental permits, including the positive state environmental expertise conclusion or state expert examination of the basic design documentation for construction of the facilities;

- compliance with the design solutions which obtained the positive conclusion of the state environmental expertise or state expertise of the basic design documentation (the engineering surveys results) for construction of the facilities;

- implementation of the Environmental protection events provided by the Project to the full extent;

- execution of construction works following the measures on prevention and elimination of the environmental pollution, preservation of the favorable environment, biodiversity, rational use and reproduction of the natural resources;

 non-admission of the activity which may lead to human health deterioration, extermination of the genetic fund of plants and/or animals, causing harm to the Special Protected Natural Areas in the course of facilities construction;

- compliance with the requirements on ambient air protection;

- compliance with the requirements on water bodies protection;

arrangement of the safe production and consumption waste handling in the course of construction works;

- ensuring protection of lands and soil, recultivation of the disturbed lands;

- compliance with the requirements on the fauna objects protection;
- compliance with the requirements on forests and fauna objects protection;

- compliance with the requirements on soils protection in terms of underground water protection;

- compliance with ESAMP and CMP;

5.2.3. Works on the IEC implementation include the following stages:

- IEC planning;

- control events planning;

- recording of the control events results;

making the decisions upon the results of inspections and control over their implementation.

IEC planning objective is to determine the necessary and sufficient extent of the events on control, carried out within each area of IEC according to sub-clause 4.3.2 of the Regulations.

IEC planning in the Company is carried out based on the principles of the IEC structure compliance principles with the environmental aspects of IEC production activity and specific nature of its areas.

The control events within IEC shall be carried out based on the requirements to the inspectional control implementation according to sub-clauses 4.4.3.1, 6.1 of the Regulation.

When making the decisions upon the IEC results and carrying out control over their implementation it is necessary to be guided by the requirements set out in cl. 7 of the Regulation.

5.3.IEC documentation keeping and storage.

IEC documentation includes the following:

- Regulation and local regulatory acts of Gazprom PJSC and the Company related to the IEC implementation issues;

- The documentation drafted upon the IEC results (inspection acts, including those of completion inspection of the previously issued acts, admonitions; the identified violations register, the reports on the violations elimination);

- other documents.

The Company IEC documentation is kept at the hardware and/or software carriers in the Environmental Protection Department.

IEC documentation in hard copy is kept no less than 3 (three) years.

IEM results shall be kept continuously in the Company.

5.4.IEC legal, regulatory and procedural and informational support.

5.4.1. The following documents serve as a legal and regulatory and procedural basis of IEC in the Company:

- applicable international standards;

- legal and regulatory and legal acts of the RF and RF territorial subjects;

- administrative documents of the federal executive bodies, the RF executive bodies (instructions and instructive bodies, lists of the accepted measurement procedures, lists of the accepted calculation procedures);

– national standards;

- corporate documents (standards, recommendations, local regulatory acts of Gazprom PJSC and Company) on the IEC organization issues and separate IEC areas in the Company.

5.4.2. With the purposes of the Company IEC implementation the Environmental Protection Department interacts with the executive bodies in charge of the State environmental supervision and other functions related to ensuring the environmental protection. Interaction of IEC and State environmental supervision bodies is carried out with due consideration of sub-clause 8 of the Regulation.

5.5.Headcounting and staff composition

Headcounting and staff composition of the Environmental Protection Department in charge of ICE implementation is determined by the Company Director based on the extent and complexity of the control events, as advised by the Environmental Protection Department.

6. IEC AT THE PROJECT CONSTRUCTION SITES

6.1.IEC at the construction sites is carried out in the form of the inspectional control and IEM by means of implementing the control events over observance of the environmental protection law by the Contractors engaged into the Project implementation.

IEC structure and extent is determined by the basic design documentation and IEC program approved according to the established procedure.

6.2. With the purposes of implementing cl. 67 of FL "On environmental protection" the Contractors carrying out the activity at the facilities causing the negative environmental impact and related to category III shall develop and approve IEC program according to the established procedure, and carry out IEC in compliance

with the established requirements, record the information and store the data obtained upon the results of the IEC implementation.

IEC program shall contain the following data:

- on inventory of the pollutants emission into ambient air and their sources;

- on inventory of the pollutants emission into the environment and their sources;

- on inventory of production and consumption waste and their disposal facilities;

- on subdivisions and/or officials responsible for IEC implementation;

- on the own and/or the engaged testing laboratories (centers), certified in compliance with the RF law on certification in the national certification system;

- on IEC frequency and implementation methods, sampling points and measurement procedures (methods).

Requirements to the form, contents, dates and procedure of submission by the Contractor of the monthly/quarterly reports are defined by the Contract/EPC Contract.

6.3.The Contractors carry out IEC in compliance with the internal approved documents (allowable limits of the emissions, discharges and waste formation), information on the current IEC shall be submitted as soon as the work completion reports on compliance with the internal approved documents are issued. IEC reports will be submitted by the contractor organizations to the Company Environmental Protection Departments specialists.

6.4.The Contractor carries out the execution control by the Subcontractor (up to the final work executor level) of the obligations on compliance with the international standards requirements, environmental protection law of the RF, Gazprom PJSC regulatory documents, local regulatory acts of the Company, determining the environmental protection issues while performing construction works at the Project construction sites.

6.5.On a monthly basis the Contract provides the report containing the following data:

- number of the completed inspections of the requirements compliance in the field of the Environmental Protection;

- number of the identified and eliminated violations of the RF environmental protection law requirements;

- completed target meetings on the environmental safety issues, practical trainings and verification inspections;

- incidents status at the Project construction sites;

- completed weekly cleanings on the Project construction sites and adjacent areas;

- availability of the necessary set of the environmental protection permits and control of its drafting and obtaining in the authorized executive bodies carrying out the State environmental supervision.

- the report upon the results of the industrial environmental control (monitoring);

- the report on elimination of the violations identified in the course of inspections;

- the report on industrial safety and environmental protection (Attachment No.8);

- HSE incidents register (Attachment No.10);

- The report upon the results of monitoring of the environmental and social aspects of the Project implementation (Attachment No.7).

6.6.A quarterly report contains the section "HSE" where the following data are included:

- the report upon the monitoring results of the Project implementation environmental and social aspects;

- the summary report on compliance with the requirements set out in the Framework environmental and social aspects management plan and Construction Management Plan (Attachment No.9).

6.7.Upon the end of the calendar year the Contractor will compile and submit to the Company address the yearly report regarding the results of IEC and IEM keeping.

6.8.If necessary, the Company may establish other reporting forms for the Contractors.

6.9. The Company implements the IEC at the Project construction sites in the form of the inspectional control both independently and by engaging the third parties in interaction with the Contractor.

The inspectional control consists in the reviewing of compliance by the Contractors/Subcontractors with the environmental protection activity at the Project construction sites and inspection of compliance in the course of carrying out the economic and other activity with the requirements set out in the international standards, the RF environmental protection law, Gazprom PJSC and Company local regulatory acts in the field of the Environmental protection.

The inspectional control is carried out by the Company be means of inspections directly at the production facilities:

- availability of the permitting documents in the field of the natural use and environmental protection;

- arrangement of accumulation and ensuring the accuracy and completeness of the data provided for calculating the payments for the environmental pollution;

- timely processing of the payments for the negative environmental impact;

- keeping the records in the field of waste handling;

- observance of the RF legislation requirements regarding the state environmental expertise during preparation of the justification materials of the licenses to carry out the activities which may cause an impact;

- compliance with the recommendations stated in the obtained state environmental expertise conclusions;

- availability, technical condition and operation modes of the systems and devices of the environmental purpose;

- availability and justification of the environmental protection events plans, their completeness and timely completion;

- compliance with the environmental protection requirements in the course of different types of works;

- other aspects of production activity, in relation to which the environmental protection requirements have been set out by the international standards, the RF legislation in force or Gazprom PJSC and Company local regulatory acts.

The persons being in charge in the Company of the inspectional control at the Project construction sites and signing the inspection reports upon their results are:

- Environmental Protection Department specialists;

- HSE Department specialists in terms of the facilities forming part of the GPP and UI&O subproject.

Planning of the inspectional control is drafted in form of the yearly schedule of implementing by the Company and the Contractor of the joint inspections of the environmental protection, industrial, fire and labor safety (Attachment No.1).

The schedule shall be approved by the Chief Engineer – First General Director Deputy, and in his absence – by the Head of the Environmental Protection Department.

The check list including the list of the main issues to be inspected on compliance with the Environmental Protection requirements is provided in Attachment No.2.

The acts shall be issued upon the results of the completed joint inspections (Attachment No.3).

A typical form of the report of the violations elimination, identified in the course of inspection, is provided in Attachment No.4.

To ensure the control over elimination of the violations identified in the course of inspection a unified register of the identified violations is kept in the Company (Attachment No.6).

The information on the violations identified by the Environmental Protection Department, HSE Department specialists shall be incorporated into the register within 3 (three) working days from the date of submittal to the Contractor the document where they are recorded.

6.10. IEM at the Project construction sites within implementation of the contractual obligations is carried out by the Contractor in compliance with the developed and approved IEM programs and regulations.

IEM is carried out in order to ensure the timely control and minimize the potential negative impact on the environmental components in the course of the Project facilities construction.

IEM includes the monitoring of:

- physical factors of the impact (noise);
- ambient air;
- surface and underground water;
- bed deposits;
- topsoil;
- geological environment;
- biodiversity.

IEM contents and scope shall be defined according to the basic design documentation by each construction stage.

IEM program and regulation shall be compiled based on the approved basic design documentation for purposes of recording the construction process environmental impact, development of the suggestions on decreasing and prevention of the negative environmental impact based on the regular observations over the environment condition and changes in the area of the Project construction sites.

The data shall be accumulated for all areas, being the background ones in relation to the construction area, as well as the area of the construction work negative impact.

IEM program and regulation for each construction stage shall reflect the particularities of the specific construction works, including:

- the natural climatic properties of the facilities location area;

- the data fund on the state of the environment components in the area of construction accumulated by the commencement of construction works;

- types, extent, duration of the negative impact being caused;

- economic feasibility of using the method, accuracy and reliability of the information obtained.

6.11. Acceptance of the scopes of work based on the contracts for IEM and IEC implementation, signed by the Company, is carried out by the Environmental Protection Department. The Contractors shall identify and perform the ranking of their activities environmental aspects in the course of works performance. The results achieved in relation to the significant environmental aspects shall be included into the report on control of the significant environmental aspects of the Project.

7. DECISION-MAKING UPON THE IEC RESULTS

7.1.The decision-making procedure upon the results of the industrial environmental control.

Environmental Protection Department, HSE Department specialists responsible for the IEC implementation shall inform the Head of the Environmental Protection Department regarding all the cases identified in the course of the control events which require the management decisions making.

The Company official responsible for the IEC carrying out shall inform the Company management about the cases of identifying the following:

exceeding of the environmental protection limits at the Project construction sites;

- inefficient work or unjustified tripping of the systems and devices of the environmental protection-purpose;

- other violations of the requirements set out in the international standards, the RF legislation or Gazprom PJSC and Company local regulatory acts in the field of the Environmental Protection on the part of the Contractors/Subcontractors;

- increase of the environmental risk at the Project construction sites, occurrence of the environmental emergencies threat at the project construction sites;

- objective and subjective obstacles for the IEC implementation.

Based on the obtained information,

Based on the obtained information, the Company management makes the decision on the measures aimed to compliance with the environmental protection requirements and regulations.

7.2. The grounds for making the decisions aimed to comply with the environmental protection requirements and regulations.

In case of identifying, in the course of the inspection, carried out within the IEC, the violations of the environmental protection requirements, the officials performing the IEC, shall compile and submit to the Contractor's address the act with the proposal on elimination of the identified violations within the established dates.

Non-compliance with the environmental protection regulations, specified in the permitting documentation, is the necessary and sufficient basis for taking the immediate action in relation to operation of the respective negative environmental impact sources.

The decision on implementation of the special measures aimed to reduce the negative environmental impact, including on the suspension or termination of the production activity at the Project, shall be taken by the Company management based on the following documents drafted by the Environmental Protection Department specialists upon the results of the analytical control:

- environmental and analytical control reports which define the parameters of the negative environmental impact;

- control reports of the efficiency and technical condition of the environmental protection-purpose systems and devices;

- the current environmental monitoring results.

As the main events aimed to eliminate the reasons of above-limit negative environmental impacts, the following can be recommended:

- setup of the negative impact source operation mode;

- setup of the operation mode or use of the backup systems and devices of the environmental protection-purpose;

- load reduction (performance) of the negative environmental impact;

- suspension of the negative environmental impact operation.

7.3. Penalties system.

The penalties will be imposed on the Contractors for non-compliance with the liabilities undertaken in the field of the Environmental Protection according to the Contracts conditions.

This mechanism is related to the category of the Company internal standards in the field of the Environmental protection, and violations of the requirements specified in this document will be qualified in accordance with the Contract penalty List.

The Act is the document confirming the fact of the violations recording. The following actions sequence is established by the local regulatory act on the Company claim-related work.

8. INTERACTION OF THE ENVIRONMENTAL CONTROL BODIES

The Company structural units, carrying out the IEC, interact with the executive bodies performing the State environmental control, in order to obtain the following information necessary to organize the IEC:

- Notifications on the expected or occurred unfavorable weather conditions, high-floods, landslides, mudflows, fire hazardous conditions and other hazardous natural phenomena, natural calamities and anthropogenic catastrophes;

- data on introduction of the new sanitary and hygienic regulations;

- data on the background contamination of the environmental facilities in the area of the Project construction sites location.

Within interaction with the respective executive power body performing the State environmental supervision, the Company has the right, within the limits established by the RF legislation and the applicable regulatory legal acts, to do the following:

- to request, obtain and use the information regarding the qualitative and quantitative characteristics of the negative environmental impact on the part of any potential organizations situated at the areas adjacent to the Project construction sites;

- to request, obtain and use the contaminants lists which emissions are subject to the mandatory state environmental control at the area of the Project construction sites location;

- to request, obtain and use the clarifications on the issue of performing the state control and supervision in compliance with the RF legislation requirements and applicable regulatory legal acts;

- to carry out the control measurements of the qualitative and quantitative characteristics of the negative environmental impact, simultaneously with the executive bodies performing the State environmental supervision, as well as, if necessary, with the executive bodies performing sanitary and epidemiologic supervision, to the extent of the control measures implemented by them.

Attachment No.1 to the Regulation on the Industrial Environmental Control

APPROVED BY Chief Engineer – First General Director Deputy

SCHEDULE

Of joint inspections of the environmental protection, industrial, fire, labor safety condition at the construction sites of the Gas processing complex within Ust-Luga ethane-rich gas processing cluster¹ for year _____ (form)

Item No.	Month ²	Scope of inspection
1		All Contractors
2		All Contractors
3		All Contractors
4		All Contractors

Head of the Environmental Protection Department

_____ D. Zubairov

Head of Environmental Protection, Industrial and Labor Safety Department (if necessary) Head of Industrial Safety Department

_____D. Dunaev

Head of the Integrated Management System Department

_____V. Terenin

¹ The Schedule has been developed in order to monitor compliance with the requirements set out in the Framework Environmental and Social Aspects Management Plan at the stage of construction as well Construction Management Plans. Following the Regulation on the construction quality control by the general contractor organizations at Gazprom JSC facilities approved

by Gazprom JSC Deputy Chairman of the Board, V. Markelov, dated June 11, 2014.

 $^{^2}$ Specific periods and scope of inspections are established by the specialists independently in the course of interaction between RusChemAlliance LLC and the Contractor.

Attachment No.2 to the Regulation on the Industrial Environmental Control

Check list of the Contractor's compliance with HSE requirements (form)

Contractor's name:

Subcontractor's name:

Planned types of works: _____

Work performance place:

Г

Work performance period: from ______ till _____

Ite m No.	Issues	Yes/no/not applicable
1.	List of general issues in production safety	
1.1.	Contractor/Subcontractor personnel have undertaken preliminary medical examination that showed no contradictions and they have a permit for unsupervised work within their area of qualification	
1.2.	Contractor/Subcontractor personnel have respective qualification, undertaken training in occupational safety, and knowledge test in occupational safety, fire safety, environmental protection, certification in industrial safety, training in first aid in a production environment	
1.3.	Contractor/Subcontractor personnel involved for Work performance have read and understood the instructions in occupational safety, industrial and fire safety, emergency actions and environmental protection as well as production instructions	
1.4.	Contractor/Subcontractor personnel have been made aware of the emergency procedure, emergency service phone numbers, locations of first aid stations, first aid kits, emergency firefighting equipment	
1.5.	Work site limits and hazardous site limits are designated	
1.6.	Contractor/Subcontractor personnel are provided with all necessary PPE including respiratory and ocular PPE	
2.	Performing hazardous operations	
2.1.	Work permit for work at height is arranged	
2.2.	Involved personnel are equipped with respective PPE for working at height	
2.3.	Work permit for working in electrical installations is arranged	
2.4.	Contractor/Subcontractor personnel are provided with PPE for protection against electrical shock	
2.5.	Work permit for earthworks is arranged	
2.6.	Safe distance is ensured is provided when placing machinery and equipment near trenches and pits ob	

Ite m No.	Issues	Yes/no/not applicable
2.7.	Work permit for working near power lines is arranged	
3.	Installation of steel structures	
3.1.	Lifting capacity of used hoisting equipment (HE) complies with the required capacity	
3.2.	Measures are defined for using several HE items	
3.3.	Drivers (operators) have a license to drive HE	
3.4.	Timely evaluation of the technical condition of HE (partial technical examination, full technical examination)	
3.5.	HE is equipped with plates indicating their account number, serial number, rated capacity and dates of next full or partial technical examination	
3.6.	Installation of used HE on the site complies with the requirements (according to MS: hard and even coating that can perceive the maximum design load from HE with cargo: with a slope not exceeding 5° towards the external outline of the site, etc.)	
3.7.	HE operation shall be done in accordance with MS and process flow diagrams developed by the operating or special organization	
3.8.	 Responsible personnel have been designated (copies of orders): - for production monitoring during HE operation; - for HE maintenance in operable condition; - for safe work performance using HE. 	
3.9.	An acknowledgement sheet is available confirming that engineering and technical personnel responsible for production monitoring during HE operation, HE maintenance in operable condition and safe work performance using HE, driving operators, sling operators, etc. have been made aware of the method statement and process flow diagrams.	
3.10.	Fences along hazardous zone limits are provided where HE is operated	
3.11.	HE log is available	
3.12.	Capacity of used hoisting gear complies with requirements	
3.13.	Timely inspections of hoisting gear and ensuring their operability	
3.14.	Technical logbook and inspection log for loose hoisting gear is available	
3.15.	A certificate for unsupervised work is available for respective types of activity issued according to the procedure defined by the operating organization	
3.16.	Sling operators have special distinctive signs (clothes)	
4.	Using hoists, jacks, labour saving tools	
4.1.	Operability, inspection, issue, repair and operation procedures are ensured	
5.	Using hazardous substances and materials	
5.1.	Safe storage and transportation of equipment and materials are organized	
5.2.	Safe accumulation, handling, marking, disposal of residual hazardous substances and materials are ensured	

Ite m No.	Issues	Yes/no/not applicable
5.3.	Instructions are developed and PPE is provided for working with hazardous substances and materials	
6.	Using manual pneumatic and electrical tool	
6.1.	Accounting, inspection, issue, repair, operability monitoring procedures are organized	
7.	Using welding machines and equipment operated with natural fuel	
7.1.	Ensuring operability and repair, operability monitoring procedures are provided	
7.2.	Persons responsible for safe maintenance of equipment and tools are designated	
7.3.	Safe connection and take-off of utilities is arranged	
7.4.	Safe distance and protection against high heat radiation are ensured	
8.	Works inside vessels, confined circuits (premises), zones with possible sources of gas emissions	
8.1.	Work permit for gas hazardous works is arranged	
8.2.	Contractor/Subcontractor personnel are provided with intrinsically safe tools and equipment	
9.	Fire safety	
9.1.	Contractor/Subcontractor personnel have read fire safety instructions, know how to act in case of fire and are aware of firefighting equipment locations	
9.2.	Maintenance regulations for fire protection systems are available and followed, an operation log for fire protection systems is maintained	
9.3.	Emergency firefighting equipment is available and operable	
9.4.	Fire safety requirements to storage of substances and materials are followed	
9.5.	Requirements to safety gaps are followed	
9.6.	Fire protection systems and self-contained fire detectors are available and operable	
9.7.	Compliance with requirements in organization of permanent places for hot works	
9.8.	Informational signs of fire safety are available and operable	
9.9.	Requirements to organization and performance of gas hazardous and hot works	
10.	List of questions in environmental safety	
10.1.	Environmental management system is available	
10.2.	State registration of facilities having a negative environmental effect	
10.3.	Training in environmental protection and environmental safety of supervisors and specialists responsible for taking decisions during business and other activities that has or can have a negative environmental impact	

Т		
Ite	Issues	Yes/no/not
m No.	issues	applicable
10.4.	Making a duly payment for a negative environmental impact	
10.4.	Submitting a duly filled declaration of payment for a negative	
10.5.	environmental impact	
10.6.	Approved production environmental monitoring program	
10.7.	Production environmental monitoring in accordance with the	
	environmental monitoring program, documentation and storage of valid data obtained through environmental monitoring	
10.8.	Providing a report on organization and results of environmental monitoring in accordance with the established procedure	
10.9.		
	decontamination, dumping of I-IV hazard class wastes during the specified activities	
10.10	Persons permitted to collect, transport, process, dispose, decontaminate,	
	dump I-IV hazard class wastes possess qualification documents issued	
	after professional training or further vocational education necessary to work with I–IV hazard class wastes	
10.11		
10.11	training for drivers transporting such cargoes (ADR)	
10.12		
	special signs and data sheets for wastes and documentation indicating the	
	amount of transported wastes, purpose and destination of transportation	
10.13	Removal of metal scrap to organizations having a license for preparing, processing and selling scrap of ferrous/non-ferrous metals	
10.14		
10.14		
	Accounting of waste handling	
	Transfer and acceptance statements for wastes and primary accounting	
10.17	documents (waybills) are available confirming that wastes are transferred to licensed/specialized organizations for waste handling	
10.18	Accumulation of wastes in organized places (areas) of waste accumulation	
10.19	Disposing of wastes at waste disposal facilities listed in the state register	
	Complying with the prohibition for burial of wastes that comprise useful components to be disposed	
10.21	Complying with the prohibition to discharge production and	
	consumption wastes into surface and underground water bodies, to	
1.0.5	catchment areas, soil, subsoil	
10.22		
10.23		
10.24		
10.25	Failure to comply with water protection zones and protected shoreline belts	
10.26		
10.27		
	body for use	

Ite m No.	Issues	Yes/no/not applicable
10.28	Compliance of a prohibition during operation of the water utilization system to discharge waste water into the water body if such water is not treated or contaminated	
10.29	Providing statistical reporting in atmospheric air protection	
10.30	An action sheet is available for decreasing contaminant emissions to the atmospheric air during adverse weather conditions	

• The check list can be updated when publishing Owner's administrative documents in HSE or changes in the Russian laws.

The Contractor/Subcontractor complies/does not comply with safety requirements according to the evaluation based on the check list.

Reviewed and approved by:

The Owner's representative:

(signature)

(full name)

The Contractor's representative:

(signature)

(full name)

Attachment No. 3 to the "Regulation on the Industrial Environmental Control"

RusChemAlliance, Limited Liability Company (RusChemAlliance LLC)

The Act of the detected violation of the Russian Federation legislation and other legal acts in the field of labor, industrial and fire safety, environmental protection

NO._____ DATED "___" ____20____

(form)

I (Committee represented by)

in presence of

(full name, position)

(full names, positions of the persons present at the moment of the Act issuing)

the Act has been issued, stating that the organization or its employee

(organization, full name, position, etc.)

Has committed the following violation:

Item No.	Violations identified	Item of the regulatory documents	Completion due date
1	2	3	4

Position of the person who has performed the inspection:

(signature, full name, date and time)

Has been familiarized with the Act, has received a copy of the Act

(employee's signature, full name, date)

Attachment No.4 to the Regulation on the Industrial Environmental Control

Report on elimination of the violations identified in the course of inspection NO. DATED "___" ___20____

(forn	n)
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Act item No.	Violations identified	Item of the regulatory documents	Reason for the non-conformity occurrence	Contents of the corrective action (correction)	Responsible for elimination of the violation	Completion date established by the Act	Actual elimination date	Reasons for the deviation from the established date	Supporting documents
1	2	3	4	5	6	7	8	9	10

Attachment: supporting documents, photo materials on the elimination

Attachment No.5 To the Regulation on the Industrial Environmental Control

The Report in the field of the labor, industrial and fire safety and environmental protection (form)

Item No.	Violation identified	Contractor	Reference to the regulatory and technical document.	Photo	No., date of the document where the violation has been recorded
1	2	3	4	5	6
1					
2					

1. List of the violations identified in the course of the reporting period

2. Statistics of the violations identification and elimination (cumulatively, as of the year, with the increasing totals)

Area of control	Violations identified	Eliminated	Not eliminated
1	2	3	4
Labor safety			
Industrial safety			
Fire safety			
Environmental protection			

3. List of the non-eliminated violations

Item No.	Violation	Contractor	Elimination date	Reason for delays
1	2	3	4	5
1				
2				

4. Monitoring of the as-built documentation availability at the Subcontractors by disciplines

Item No.	Contractor	Name of permitting document	Reference to the regulatory and technical document.	Status	Remarks	
1	2	3	4	5	6	
Labor safety						
1						

2					
Industria	l safety				
1					
2					
Fire safet	ty				
1					
2					
Environm	Environmental protection				
1					
2					

5. Analysis of the violations identified

Represented in the form of the diagrams with the distribution by the control disciplines with the breakdown by a year, a quarter, a month, a week

Analysis of the violations identified as of 20year	Analysis of the violations identified as of the current quarter year 20	Analysis of the violations identified as of the current month 20года	Analysis of the violations identified as of the reporting period
Diagram	Diagram	Diagram	Diagram
Diagram legend	Diagram legend	Diagram legend	Diagram legend

6. Number of the incidents as of the period (cumulatively, as of the year, with the increasing totals and distribution by the control disciplines)

Item No.	Incident date	Contractor	Brief description	Incident type	Remarks
1	2	3	4	5	6
1					
2					

Attachment No. 5a to the Regulation on the Industrial Environmental Control

Report in the field of the labor, industrial, fire safety, environmental protection, Construction management Plans (form)

(name of the company)

Item No.	Violation identified	Contractor	Reference to the regulatory technical documentation	Photo	No., date of the document where the violation has been recorded
1	2	3	4	5	6
1					
2					

1. List of the violations identified as of the reporting period

2. Statistics of the violations identification and elimination (cumulatively, as of the year, with the increasing totals)

Inspection area	Violations identified	Eliminated	Not eliminated
1	2	3	4
Labor safety			
Industrial safety			
Fire safety			
Environmental protection			

3. List of the non-eliminated violations

Item No.	Violation	Contractor	Elimination due date	Reason for delays
1	2	3	4	5
1				
2				

4. Monitoring of the permitting documentation availability at the Subcontractors by disciplines

Item No.	Contractor	Name of the permitting document	Reference to the regulatory technical documentation	Status	Remarks
1	2	3	4	5	6
Labor sa	afety				
1					
2					
Industria	al safety	•	•		

1			
2			
Fire safe	ety		
1			
2			
Environ	mental protection		
1			
2			

5. Monitoring of the Framework ESAMP and CMP

Information on the Framework ESAMP and CMP implementation by the Contractors

Item No.	Contractor	The Contractor's Regulation on the implementation	Implementation status	Remarks
1	2	3	4	5
1				
2				

Information on the compliance of the Contractors' activity with the requirements of the Framework ESAMP and CMP (acc. to Attachment No.1 to each CMP)

Item No.	Contractor	Framework ESAMP CMP	Compliance status	Remarks
1	2	3	4	5
1				
2				

6. Analysis of the violations identified

To be represented as the diagrams with the distribution by the control disciplines with the breakdown by a year, a quarter, a month, a week

Analysis of the violations identified as of year	Analysis of the violations identified as of the current quarter	Analysis of the violations identified as of the current month	Analysis of the violations identified as of the reporting period	
	year	year		
Diagram	Diagram	Diagram	Diagram	
Diagram legend	Diagram legend	Diagram legend	Diagram legend	

7. Number of the incidents as of the period (cumulatively, as of the year, with the increasing totals and distribution by the control disciplines)

Item	Incident date	Contractor	Brief description	Incident type	Remarks	
No.						
1	2	3	4	5	6	
1						
2						

Attachment No. 6 to the Regulation on the Industial Environmental Control

								Violation category		
Total number of the v	violations		0			LS	0	Labor safety		
out of them:		•	•		1	IS		Industrial safety		
eliminated			0			15	0			
						FS	0	Fire safety		
in progress			0							
not eliminated			0			EP	0	Environmental		
Events implementation	on percentage									
	works performed and fac	ilities under operation	0							
out of them:					-			-		
Suspended			0			Total:	0	J		
Resumed			0							
Item Date	Contractor	Subcontractor	Facility	Title	Violation description	Violated item of the regulatory documentation	Violation category	completion due date	Report on e status not completed in progress completed	Remarks / Comments / Notification No.

Register of the identified violations

Attachment No.7 to the Regulation on the Industrial Environmental Control

REPORT UPON THE RESULTS OF REVIEW OF THE PROJECT IMPLEMENTATION ENVIRONMENTAL AND SOCIAL ASPECTS

(form)

Reporting period: (month/year) — (month/year)

Report date: (day/month/year)

1. INTRODUCTION

The report is made upon monitoring of environmental and social indicators of activity (the Report).

This template of the Report can be supplemented by appendixes if necessary that would ensure that all respective information of the GPC ERGPC Project implementation is provided.

If the Contractor does not have of the requested data, they can be provided as appendixes to this template form.

2. NOTIFICATION OF CONTRACTOR'S AUTHORIZED REPRESENTATIVES

Report date	
Reporting period	(month/year) — (month/year)
Report version	No.

Responsible	Signature
Full name	
Position	
Full name	
Position	
Full name	
Position	
Full name	
Position	
Full name	
Position	
Full name	
Position	

3. BACKGROUND OF PRIMARY ENVIRONMENTAL AND SOCIAL ASPECTS **3.1.** Goals and objectives of the Report

The report covers all respective elements of the GPC ERGPC Project (the Project).

3.1.1. Discrepancies in opinions between the Owner and the Contractor

This section must include a notification of any discrepancies in opinions between the Owner and the Contractor in terms of the contents of this or previous Reports.

3.2. Background of primary environmental and social aspects

3.2.1. Project implementation status

Provide an overview of the Projects status and any new events related to the Project including changes in the activity and Project facilities over the reporting period for which notifications are provided.

3.2.2. Environmental and social accidents

Provide an overview of all environmental and social accidents during the reporting period

Date	Description	Date of information submission to lenders	Plan of corrective measures and status

3.2.3. Changes concerning environmental and social aspects

Provide an overview of all environmental and social changes during the reporting period

Date	Description	Date of information submission to lenders	Status	Predicted date when change will be included in a respective plan

3.2.4. Improvements in operation indicators in environmental and social changes

Briefly describe any improvements/initiatives implemented during the reporting period to manage environmental and social changes of the Project (such as power/water savings, sustainable development reports, waste minimization).

3.2.5. Reporting for environmental and social issues under the applicable Russian laws

List reports in environmental issues submitted by respective authorities of the Russian Federation.

Summarize any measures in environmental monitoring and inspections of federal executive authorities.

Provide detailed information on claims for environmental and social changes submitted by federal executive authorities relative to the Project.

PS1 Evaluation of environmental and social impact

3.3. Evaluation of environmental and social impact/risks

Have there been any additional inspections of Project's environmental impact, society, health and safety and related risks during the reporting period?

If yes, provide copies and list all identified risks and impacts or their significant changes.

3.4. Results of management plans and systems analysis

Provide the current organizational structure of project HSE management as well as social management during the reporting period (as a diagram or table).

Also include information on interactions with other Contractors.

It is required to:

- list persons who bear responsibility for environmental protection, social sphere, health care, occupational health, human resources, safety and provide contact details;

- describe any changes over the reporting period.

3.5. Results of management plans and systems analysis

Provide the results of implementing the integrated management system (IMS) in occupational health, safety, environmental protection and local community issues of all contractors in accordance with the implementation plan.

Taking into account the Project in general, provide a summary of internal or external IMS audit in occupational safety, health, security, environmental protection and local community issues and/or their analysis by the management, while paying attention to significant changes:

- functions, obligations and resources within the management system for occupational safety, health, security, environmental protection;

- training and competences;

- efficiency of activity in terms of IMS goals and objectives in occupational safety, health, security, environmental protection and local community issues; and

- updated or new IMS operative monitoring equipment for occupational safety, health, security, environmental protection and local community issues.

Taking into account the Project in general and all Subcontractors, include detailed information on significant or to-be-reported changes in management plans and systems resulted from any such audits and/or management analysis.

3.6. Interaction with stakeholders

List measures of interaction with stakeholders including public hearings, consultations and information disclosure, interaction with non-governmental organizations, civil society and local communities in environmental and social issues.

Date	Partici- pant(s)	Format of interaction	Discussed issues	Company reply/achieved covenants (attach minutes if any)	Undertaken actions (if any)/Notes

Date	Partici- pant(s)	Format of interaction	Discussed issues	Company reply/achieved covenants (attach minutes if any)	Undertaken actions (if any)/Notes

3.7. Procedure of complaints and requests review

Indicate the number and type of requests and/or complaints received from persons covered by the Project, local communities, including a summary (no names indicated) of any complaints received during the reporting period with their registration dates, categories of complaints, actions undertaken to resolve a complaint, time necessary to resolve the complaint and updating their status.

How many complaints were resolved and how many are yet to be considered? (Attach the complaint log).

Report the number and types of legal actions for environmental and social matters (Attach a log of all legal actions and their status).

1.1. Community development management plans

Provide up-to-date information on the status and progress of plans as defined in the environmental and social aspects management plan (ESAMP). Optionally attach respective monitoring reports.

Indicate the implementation status and budget annually spent for community development initiatives.

Community development initiatives	Target community	Implementatio n status	Overall budget spent as of the report date	Sponsor

2. PS2:

2.1. Human resources management

2.1.1. Policies and regulations

Have there been any changes or updates in the human resources management policy and procedures, in the manual for personnel and occupational health and safety procedures during the reporting period?

If yes, provide detailed information.

2.1.2. Manpower statistics

Provide the following information regarding the manpower:

	Full-time personnel count as of reporting date	Full-time female personnel count as of reporting date	Personnel count hired during the reporting period	Personnel turnover	Count of temporary staff involved for certain activities
Previous year					
Reporting year					

Type of employees	Overall count over the reporting period	Count of female personnel	Count of wage workers	Manpower turnover
Full-time personnel as of reporting date				
Temporary staff involved for certain activities				

For Subcontractor involved in the project, provide the same information about its work force in the appendix.

For full-time personnel of the Contractor/Subcontractor as of the reporting date, provide statistics concerning new employees to be retired, leave the company or be dismissed.

2.1.3. Personnel organizations

Provide up-to-date information on personnel organizations as for full-time personnel of the Contractor/Subcontractor as of the reporting date. Provide information about collective agreements.

2.1.4. Dismissals and layoffs

Has there been any significant reduction of personnel count in any Subcontractor during the reporting period?

Number of dismissed personnel: ____.

If the answer is yes, provide description of the layoff program.

2.1.5. Procedure for considering complaints and requests at the workplace

Provide up-to-date information on the status of workplace complaint processing procedures for the Project and Subcontractors including the summary (no names indicated) of any complaints obtained during the reporting period, with their registration dates, categories of complaints (for example, persecution, labour conditions, discrimination, corruption), actions taken to resolve the complaint, time necessary to resolve complaint, and status update.

Attach a register of complaints for each Subcontractor.

List legal actions related with personnel and describe their status.

2.2. Occupational safety, health and security

Describe primary changes made in terms of occupational health and safety during the reporting period for example, reviewing occupational health management procedures, action plans for technical improvement of used/implemented advanced/delayed indicators, identification of hazards, new monitoring measures.

Attach reports of occupational health and safety reports available over the reporting period.

Trovide data instea below for the contractor and cach subcontractor.						
Indicate the total	Over the	reporting period	Last reporting period (not accumulated data) ¹			
number for each parameter (overall)	Full-time personnel as of reporting date	Temporary staff involved for certain activities	Full-time personnel as of reporting date	Temporary staff involved for certain activities		
Total number of employees						
Total man-hours worked						
per year						
Total lost time incidents ²						
Total number of						
working days lost ³ due						
to injuries						
Frequency of injuries with disability ⁴						
Fatal accidents						
Vehicle collisions ⁵						

2.2.1. Monitoring of workplace injuries

Provide data listed below for the Contractor and each Subcontractor.

¹ Data are provided after GPC ERGPC will be commissioned and will operate for at least two years in a row.

 $^{^{2}}$ A lost-time injury is considered to be an inability to work at least one full-time day after the day of the accident or illness.

³ Lost working days are the number of working days (not necessarily consecutive) after the day of injury or illness when the employee was absent from work or his ability to work was limited by an occupational injury or illness.

⁴ The number of injuries with loss of working time registered among Project employees per million man-hours worked by them. Frequency of injuries with loss of working time = number of injuries per million hours worked = number of lost-time injuries \times 1,000,000 hours/total number of man-hours worked.

⁵ Vehicle collisions: when a vehicle (a device used to transport people or goods) collides with another vehicle or an inanimate or animate object(s), resulting in injury (except in cases limited to first aid) or death.

Provide detailed information on non-fatal injuries with loss of working time during this reporting period.

Contractor, Subcontractor	Total working days lost	Description of the injury	Cause of the incident	Corrective measures to prevent a repeat of the incident

Provide detailed information about any fatalities during this reporting period (and copies of the results of the accident investigation and relevant remedial plans).

Date of accident/injury	Type of accident/ injury	Description of the accident/injury (if possible, specify the time of death after the accident: for example, immediately, within a month/year)	Death toll	Preventive measures taken after the incident

2.2.2. Occupational safety training

Describe the training programs on occupational safety conducted during the reporting period.

Date	Audience type (employees of the Company or Contractor(s)/Subcontractor(s))	Description of the training (and its duration)	Number of participants

2.2.3. Monitoring at the workplace

Provide a copy of any workplace monitoring reports developed during the reporting period.

2.2.4. Life safety and fire safety

Fill in the following table regarding operations.

Fire safety inspection activities	Date(s) of execution and verified sites	Detected deficiencies ⁶	Corrective actions and their implementation schedule7
Fire safety inspection activities			
Fire drills (training)			
Other measures to work out			
actions in an emergency situation			
Verification and certification of			
fire detection and extinguishing			
systems			
Inspection and refilling of fire			
extinguishers			

⁶ Attach additional sheets as necessary to fully describe the deficiencies detected.

⁷ Attach additional sheets as necessary to fully describe the corrective actions and their implementation.

Fire safety inspection activities	Date(s) of execution and verified sites	Detected deficiencies ⁶	Corrective actions and their implementation schedule7
Life safety audit and fire safety			
assessment			

3. PS3: RESOURCE EFFICIENCY AND ENVIRONMENTAL POLLUTION PREVENTION

3.1. Environmental monitoring

Submit copies of environmental monitoring reports (atmospheric air quality, noise, etc.) for the current reporting period, collected in accordance with the ESAMP. Include compliance analysis and determination of ambient air quality trends. If any of the standards is exceeded, it is necessary to explain the reason for this and, if necessary, describe the planned corrective actions to prevent its repeated excess.

Briefly describe the measures to reduce the environmental impact of the Project implemented during the reporting period to meet environmental and social requirements.

For each environmental component (for example, atmospheric air quality, etc.), include a final summary table of all parameters monitored during the reporting period. The tables shall also indicate the key performance indicators for each monitoring requirement in accordance with the following example (the figures and frequency given below are only indicative; the tables shall meet the requirements of the ESAMP).

Param eter	Task	Conducted monitoring	Achievements (KPI)	Threshold levels excess	Detailed information about the found excess	Control action performed in response to detected excess

3.2. Greenhouse Gases

Scope of action: 1. Direct greenhouse gas emissions Fixed sources of combustion gases

Clause	Figure	Unit	Note/Source				
Fuel type 1 (e. g., heavy fuel oil)							
A1 — Consumption of heavy fuel oil		kg					
B1 — Heating value of heavy fuel oil (lower heating value)		kcal/kg					
Fu	el type 2 (e. g.,	light distil	late fuel)				
A2 — Consumption of light distillate fuel		kg					
B2 — Heating value of light distillate fuel (lower heating value)		kcal/kg					
	Fuel type.	[Specify]				
A — Fuel consumption		kg					
B — Heating value of fuel		kcal/kg					
Fuel type [Specify]							

Clause	Figure	Unit	Note/Source
An — Fuel consumption		kg	
Bn — Heating value of oil (lower heating value)		kcal/kg	
C — Total amount of CO ₂ emissions of level 1 (direct) (in CO ₂ equivalent)		t CO ₂	C = (A1 * B1 + A2 * B2 ++ An * Bn) * 0.99 * 20.2 * 4.186 * 10E(-9) * (44/12)

Comment: The above calculation methods are based on the 1996 Guidelines of the Intergovernmental Panel on Climate Change. Alternatively, another recognized method for calculating greenhouse gas emissions can be used.

Mobile sources

Provide an estimate of CO₂ emissions from mobile sources (for gasoline)

Year	Total number of vehicles	Total mileage (km)	(l)	Gasoline onsumption (TJ — lower heating value)	Gasoline vehicle efficiency (l/km)	Factor of CO ₂ emissions (kg CO ₂ /TJ — lower heating value)	CO ₂ emissions (tons of CO ₂)
		D	E	F	G = E / D	H = 69,300	I=F*H/1000

Comment: The factor of CO_2 emissions (for gasoline) is 69,300 kg CO_2/TJ the lower heating value according to the Guidelines of the Intergovernmental Panel on Climate Change 2006.

Estimated CO₂ emissions from mobile sources (for diesel engines):

			Diesel fuel consumption			Factor of CO ₂	CO ₂ emissions (tons of CO ₂)
Year	Total number of vehicles	Total mileage (km)	(1)) (TJ — lower heating value)	Diesel vehicle efficiency (l/km)	emissions (kg CO ₂ /TJ — lower heating value)	
		J	K	L	M = K / J	N = 74,100	O=L*N/1000

Comment: The factor of CO_2 emissions (for diesel fuel) is 74,100 kg CO_2/TJ -the lower heating value according to the Guidelines of the Intergovernmental Panel on Climate Change 2006.

Total tons of CO_2 — Scope 1 Annually generated emissions under the Project:

 $\mathbf{T} = \mathbf{C} + \mathbf{I} + \mathbf{O}$

Scope of action 2. CO_2 , emitted during the production of energy used on the Project, off-site (purchased electricity in Russia) = ____ tons.

Total tons of CO_2 generated annually by emissions from the Project = Provide detailed calculation reports, if any.

Analysis of results

Include analysis of the above results, including:

- comparison with the monitoring results of previous years;
- description of certain initiatives aimed at improving energy efficiency/reducing greenhouse gas emissions.

3.3. Resource efficiency: Energy and water

Provide data on energy and water consumption for the reporting period. If the requested data is available in a different format, it can be presented instead of the requested data.

Resource type	Units of	Annual consumption			Total
	measurement	Property No. 1	Property No. 2	Property	
Power supply	kW·h				
Natural gas	m3				
Diesel fuel	1				
Other fuel (specify)	1				
Water	m3				

If electricity is generated at the site, describe the electricity generation facility and provide information on the levels of emissions into the atmosphere and their compliance with national standards and applicable values in accordance with the Guidelines of the World Bank Group on the Environment, Health and Safety. Describe measures/efforts to improve resource efficiency taken to minimize fuel, energy and water consumption.

		-	Hazardou	is waste		
Clause	Generated volume ⁹	Processed	Disposed of	Processing factor (%)	Method of storage and/or processi ng ¹⁰	Disposal method ¹¹
	А	В	C=A-B	D=B/A		
Used fuels and lubricants						
Batteries						
Fuel						
Waste waters						

3.4. Hazardous and non-hazardous waste⁸

⁸ Waste types include, among others, the following: sludge, household waste, etc.

⁹ Specify the total weight (in tons) or volume (m³)/month and the total weight (in tons) or volume (m³)/year.

¹⁰ Specify how the collected wastes accumulate on site (for example, in barrels, trash cans, other containers, etc.).

¹¹ For example, landfill placement, incineration, agricultural use, reuse, etc.: Proposed responses: (1) Submit additional sheets as necessary to fully describe waste disposal methods, waste management organizations, permits for installation placement, agency permits, etc. (2) Indicate the name and location of the object used for disposal; indicate if the waste is sold as a by-product, scrap or material for use by other persons; the legal name and type of activity of the buyer.

		•	Non-haz	zardous wastes		
	Generated volume ¹²	Processe d	Disposed of	Processing factor (%)	Method of storage and/or processing ¹³	Disposal method ¹⁴
Clause						
			<u> </u>			
Household wastes	A	B	C=A-B	D=B/A		
Packing						
Containers						

3.5. Erosion control, slope stability and restoration

Describe the status and actions taken in terms of erosion control, slope stability and restoration of the soil layer within the Project and its zone of influence.

¹² Specify the total weight (in tons) or volume (m^3) /month and the total weight (in tons) or volume (m^3) /year.

¹³ Specify how the collected wastes accumulate on site (for example, in barrels, trash cans, other containers, etc.).

¹⁴ For example, landfill placement, incineration, agricultural use, reuse, etc.: Suggested replies: (1) submit additional sheets as necessary to fully describe waste disposal methods, waste management organizations, permits for installation placement, agency permits, etc.; (2) indicate the name and location of the facility used for disposal; indicate if the waste is sold as a by-product, scrap or material for use by other persons; the legal name and type of activity of the buyer.

4. PS4: HEALTH CARE AND PUBLIC ORDER PROTECTION4.1. Health care and public order protection

List and describe any initiatives implemented in relation to public health and safety during the reporting period. Include (i) risk/safety assessments, (ii) new infrastructure and equipment, (iii) hazardous materials and safety management procedures, (iv) resources, and (v) public safety awareness programs.

For each of the above items, provide a list and description of actions, expected or actual deadlines for implementation, progress/status and results obtained. It is possible to use a tabular format (as shown below) or present the information as an appendix to the report.

Questions	Mitigation measures	Expected or actual implementation date	Results/Current status

Were any measures taken to work out actions in an emergency situation with the participation of local authorities, public organizations for emergency situations and local communities during the reporting period? Are communities aware of emergency response plans?

Describe fire safety and life safety inspection programs for public buildings/passenger trains.

Life safety and fire safety inspection activities	Obligatory frequency	Date(s) of completion	Detected deficiencies	Corrective actions and their implementation schedule

Provide detailed information on updating the programs of safety courses for working specialties.

4.2. Reporting of fatal and non-fatal accidents

Provide detailed information about any non-fatal accidents involving third parties during the current reporting period.

Date of the incident	Type of the incident	Description of the incident	Casualty toll	Preventive measures taken after the incident

Provide detailed information about any fatalities during this reporting period (and copies of the results of the accident investigation and relevant remedial plans).

Date of the incident	Type of the incident	Description of the incident	Death toll	Preventive measures taken after the incident

Provide detailed information about (i) any incidents involving hazardous materials (including fuel).

	<u> </u>			
Date of the incident	Type of the incident	Description of the incident	Number of casualties/volume of hazardous substances involved in the incident	Preventive measures taken after the incident

4.3.Safety management

Describe significant changes (1) in the Project's interaction with private/public security agencies/organizations during the reporting period and under any relevant agreements, (2) any verification and training in accordance with industry best practices, and (3) in the Project's system designed to investigate, report and review credible endorsement of illegal or abusive actions by security/armed forces personnel.

Report any security incidents requiring notification of them that occurred during the reporting period related to Project activities. Include detailed information about any corrective actions planned or taken in relation to such incidents and their status.

5. PS5: LAND ACQUISITION AND INVOLUNTARY RESETTLEMENT

5.1. Resettlement factors

It is necessary to provide the following information (Indicate changes compared to the previous reporting period):

	Total area (ha)	Total families/ Business entities	Total individuals	Resettled/ Returned to their place of residence by now	Awaiting resettlem ent/retur n	Comments
Physically resettled						
Economically resettled						
Physically and economically resettled (in both senses)						
TOTAL						

5.2. Land allocation

Provide the following information regarding any acquisition of land required for the Project that took place during the reporting period. Provide information/attach an appropriate Plan for the acquisition of land and compensation for lost funds, depending on the circumstances.

	Number of plots	hectare	Status of land acquisition in % of total area
Total area acquired during the reporting period			
Total area of agricultural land affected by the Project			

5.3. Restoration of the livelihood

Describe the status and progress of the implementation of livelihood restoration programs during the reporting period. It is possible to attach reports on the monitoring results prepared within the framework of the programs.

Specify special measures for cases of particularly vulnerable groups (elderly people, households that support women, etc.).

5.4. Work with complaints and appeals

Use the table below or submit your own records, if they contain the necessary information, to compile a list of any complaints or disputes concerning land acquisition and forced relocation received or arising during the reporting period; describe how the complaint/the dispute has been reviewed and its current status.

Date of complaint/disp ute/appeal	Presented of complaint/appeal	Question	Permit (Yes/No)	Action taken	Date of closure

6. PS6: CONSERVATION OF BIODIVERSITY AND RATIONAL MANAGEMENT OF LIVING NATURAL RESOURCES

6.1. Biodiversity management

Describe the status and progress of the implementation of the biodiversity management plan within the framework of the ESAMP for the reporting period. Attach relevant reports with the results of biodiversity monitoring.

Based on the results of monitoring programs, report on the following aspects, as necessary, and the relevant assessments and mitigation measures of the Project impact carried out during the reporting period.

If necessary, using the table below, describe any new activities or extensions of its existing types that led to the extension of the Project to new biota habitats during the reporting period.

New activity/ extension	Total area covered	Habitat type: Description	Habitat type: Classification (modified/natural/critically sensitive habitats)	Control action ¹⁵

¹⁵ List the Project mitigation/compensation measures defined in the CCCV plan to ensure "No Net Loss" of biodiversity when affecting the natural habitat, or "Net Gain" in biodiversity when affecting critically sensitive habitats.

ENVIRONMENTAL AND SOCIAL ACTION PLAN

Insert an Action Plan on Environmental and social aspects

Closed
Performed according to the schedule
Risk of non-fulfilment
Not completed ¹⁶

Scope of action	Measure	Completion dates	Completion indicator	Status as of DD/MM/YYYY [provide details]	% completed [provide details]	Completion date*	Actions proposed for the next reporting period

* to be reported after the activities on this issue are completed and the % of implementation is 100 %.

¹⁶ For all items highlighted in red, provide detailed information about the plan to eliminate the corresponding problem.

7. DEVIATIONS/NONCONFORMITIES

This section shall list deviations from/inconsistencies with the requirements listed below during the reporting period:

i. necessary permits on issues of the natural and social environment;

ii. environmental and social action plan;

iii. legislation, codes and standards of the Russian Federation (RF);

iv. current international laws and conventions;

v. current requirements of the international creditor, including:

a. Equator Principles (2013);

b. General approaches of Organization for Economic Cooperation and Development (2012);

c. Performance standards of International Finance Corporation (2012);

d. The World Bank Group Guidelines on the Environment, Health and Safety, including the General Guidelines on the Environment, Health and Safety (April 2007) and industry guidelines (Guidelines on the Environment, Health and Safety in the Field of Natural Gas Processing and Guidelines on the Environment, Health and Safety for Ports, Harbours and Terminals);

vi. environmental and social legislation;

vii. Environmental and Social Management Plan;

viii. IMS on occupational safety, health, safety, ecology and relations with local communities.

Make entries in the table below about any nonconformity/deviation that occurred during the reporting period, providing additional information as an appendix as necessary. Explain the reason and, if necessary, describe the planned corrective actions to prevent the recurrence of such inconsistencies.

Environmental and social requirements (e. g., para. (i) – (xi) above)	Identified nonconformities	Corrective actions	Status of performing corrective actions	Date of completion of corrective actions/ planned date of their completion

ATTACHMENTS (if necessary)



Industrial safety and environmental protection report (form)

Subproject: Reporting period:

						ting period:															
No.	Reporting indicators	T	OTAL Subcontractor	Contractor	January Subcontractor	1 Contractor	ebruary Subcontractor	N Contractor	farch Subcontractor	A Contractor	pril Subcontractor	Contractor	May Subcontractor	Contractor	June Subcontractor	Contractor	July Subcontractor	Contractor	August Subcontractor	Se	eptember Subcontracto
	l indicators General industrial safety indicators	1																			
1.1.1	Number of employees, persons																				
1.1.2	Number of the specialists in the field of occupational safety, industrial and fire safety and environmental protection (hereinafter - HSE), persons:																				
	Out of them, "field" specialists																				
	Out of them, office specialists																				<u> </u>
1.1.3	Out of them, occupational safety specialists Number of man-hours worked																				
1.1.4	Number of involved construction machinery																				
115	Out of them, lifting devices Vehicle run period (rental, transportation services rendering)																				
1.1.5	Claims settlement based on the Owner's requirements																				
	Amount of the penalties charged to the Contractor (hereinafter - C) and backcharged to the																				
	Subcontractor (hereinafter - S/C) due to HSE-related violations, thousand rubles																				
	Out of them, amount of the penalties deducted due to alcoholic inebriation, thousand rubles																				
1.1.6	Number of penalties deducted from the Contractor and Subcontractor due to HSE-related																				
	violations, thousand rubles																				
	Out of them, amount of the penalties deducted due to alcoholic inebriation, thousand rubles																				
	Number of violations on which the penalties have been charged to the Contractor and Subcontractor and recharged to the S/C																				
	Claims settlement based on the Contractor's requirements																				
	Amount of the penalties charged to the Subcontractor for HSE-related violations, thousand rubles																				
1.1.7	Out of them, amount of the penalties due to alcoholic inebriation, thousand rubles																				
1.1./	Amount of the penalties deducted from S/C due to HSE-related violations, thousand rubles																				
	Out of them, amount of the penalties deducted due to alcoholic inebriation, thousand rubles	ſ																			
L	Number of violations for which the penalties have been charged to S/C			L																	
	Number of workers per 1 HSE specialist (Contractor)																				
1.1.9	Fatalities frequency rate (S/C) / FAR In total (Cs+S/Cs)		1		1		1				1						1				<u> </u>
1.1.10				L																	
	In total (Cs+S/Cs)		1		1						1						1				
1.1.11	Registered injuries frequency (S/C) / VRIR In total (Cs+S/Cs)																				
1.1.12	Traffic accidents frequency (S/C) / VIFR		1																		
	In total (Cs+S/Cs)																				
1.1.13	Injuries transparency index																				
12	In total (Cs+S/Cs) Environmental indicators																				
1.2.1	Amount of conducted unscheduled and targeted inspections of compliance with the																				
	environmental protection requirements																				
1.2.2	Amount of withdrawn water, m3, incl. from third parties																				
	from natural sources																				
	Amount of water for recirculating use, m3																				
1.2.4	Amount of water consumed for drinking and domestic needs, m3 Amount of water consumed for production needs, m3																				
	Amount of surface waste water, m3																				
	Amount of drained (discharged) water, m3, incl.																				<u> </u>
	to third parties to surface water bodies																				
1.2.8																					
	Amount of waste generated, tons, incl.																				
	1 hazard class 2 hazard class																				
	3 hazard class																				
	4 hazard class																				
1.2.9.5																					
1.2.10.1																					
	2 hazard class																				<u> </u>
	3 hazard class 4 hazard class		+	+	<u> </u>			<u> </u>													
1.2.10.5	5 hazard class																				
1.2.11	Amount of waste handed over to neutralization, tons, incl.		+																		<u> </u>
	1 hazard class 2 hazard class		+	1				<u> </u>													t
1.2.11.3	3 hazard class																				
1.2.11.4	4 hazard class		+																		<u> </u>
	5 hazard class Amount of waste handed over to disposal, tons, incl.																				<u> </u>
	I hazard class								<u> </u>												
1.2.12.2	2 hazard class						-														1
	3 hazard class 4 hazard class					<u> </u>															<u> </u>
	4 nizard class 5 hazard class																				
1.2.13	Amount of waste handed over to be processed, tons, incl.																				
	1 hazard class 2 hazard class		+																		I
	2 hazard class 3 hazard class			1				<u> </u>													<u> </u>
1.2.13.4	4 hazard class																				
	5 hazard class		<u> </u>	<u> </u>																	<u> </u>
	Amount of waste handed over to burial, tons, incl. 1 hazard class	<u> </u>	+	1				<u> </u>													l
1.2.14.2	2 hazard class																				
1.2.14.3	3 hazard class																				
1.2.14.4	4 hazard class 5 hazard class																				<u> </u>
	S hazard class Amount of waste handed over to storage, tons, incl.			1																	
1.2.15.1	1 hazard class																				<u> </u>
	2 hazard class		+	+	l																I
	3 hazard class 4 hazard class	1	+	1	 																<u> </u>
1.2.15.5	5 hazard class								<u> </u>				<u> </u>								
1.2.16	Amount of scrap handed over, tons, incl.						-						-								1
1.2.17	Number of contaminants emission sources, pcs., incl.	I	I	<u> </u>	I	I	1	I	1	I	I		1			I	I	I		I	L

Attachment No.8 to the Regulation on the Industrial Environmental Control

APPROVED BY:

Head of organization _____ _____ . . 20___ _____ Subconti

1.2.17.1 organized Television of the television of television																	
1.2.17.1 organized			1														
1.2.17.2 not organized																	
1.2.18 Fee for the negative environmental impact 1.2.19 Amount of the environmental damage, Rubles			+	+												 	
2. Leading indicators	1	1		1 1	1					1							L 1
2.1 Training and communications		1															
2.1.1 Safety induction, persons Including in the civil defence and emergency situations																 	
Briefings prior to works commencement (primary at the working place, repeated, unscheduled,																	
2.1.2 scheduled), persons Including the yearly induction in the civil defence and emergency situations																 	
2.1.3 Passed the training / knowledge assessment in the occupational safety, persons																	
Primarily:																	
Repeatedly (plan): Repeatedly (actual):																 	
2.1.4 Passed the training / qualification in the industrial safety																	
Primarily (persons)																	
Repeatedly (plan) (persons)																	
Repeatedly (actual) (persons) Primarily (qualification fields)			-	+												 	
Repeatedly (plan) (qualification areas)																	
Repeatedly (actual) (qualification fields)																	
2.1.5 Passed the training / knowledge assessment on the basics of fire safety, persons Primarily:																 	
Repeatedly (plan):																	
Repeatedly (actual):																	
2.1.6 Passed the training / examination in the electric safety, persons																 	
Primarily: Repeatedly (plan):																	
Repeatedly (actual):																	
2.1.7 Passed the special training (induction, OCO courses etc.), persons		<u>↓ </u>	+		├												
Planned: Actual:	-		1		<u>├</u>									+ +			+ +
2.1.8 Number of trainings conducted																	
Planned:			1														
Actual: Passed the training in compliance with the requirements of environmental regulations		+	1	+ +	├								<u>├── </u>		 	 	+ +
Passed the training in compliance with the requirements of environmental regulations Planned:			1											<u> </u>			
Actual:																	
2.1.9 Number of HSE meetings: 2.1.10 Passed medical examination:		┼──┼──			┝───┼								├──		 <u>_</u>	 	
2.1.10 Passed medical examination: Primary:	1		1		<u>├</u>					<u> </u>				1 1			
Periodical (planned):							ļ										
Periodical (actual):																	
2.2 Inspections and checks 2.2.1 Number of commission HSE walkthroughs		1	1							1 1							
Number of audits/checks (unscheduled, planned), performed:																	
2.2.2 By the Owner																 	
2.2.2 By the Owner By the auditors (IMS, ISS and others)			+														
By Contractor																	
2.2.3 Works suspended																 	
2.2.4 Works resumed 2.2.5 Number of the behaviour safety audits conducted (BSA)			+														
Number of hazardous actions/hazardous conditions identified in the course of BSA:																	
2.2.6 Specific index of hazardous situations (HIS)																	
2.2.7 Persons with disciplinary punishments due to HSE-related violations																	
including comments		1 1		1 1										1 1			
including comments including admonitions																	
including comments including admonitions including removal from site/dismissal																	
2.2.8 Number of bonuses for HSE-related achievements																	
including comments including comments including removal from site/dismissal 2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 [dentified violations																	
2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 Identified violations 3.1.1 Violations identified:																	
2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 Identified violations 3.1.1 Violations identified: By government authorities																	
2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 Identified violations 3.1.1 Violations identified:																	
2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 Identified violations 3.1.1 Violations identified: By government authorheits By the Owner By the auditors (IMS, ISS, others) Hazardous actions:																	
2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 Identified violations 3.1.1 Violations identified: By government authorities By the Owner By the downer Hazardous actions: Hazardous continues:																	
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2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators: 3.1 Identified violations 3.1.1 Violations identified: By government authorities By the Owner By the auditors (IMS, ISS, others) Hazardous actions: Hazardous actions; 3.1.2 Eliminated violations, identified: By government authorities By government authorities By government authorities By up overnment authorities By up overnment authorities																	
2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 Identified violations 3.1.1 Violations identified: By government authorities By the Owner By the auditors (IMS, ISS, others) Hazardous actions: Hazardous conditions. 3.1.2 Eliminated violations, identified: By government authorities By the Owner By the Auditor's committee:																	
2.2.8 Number of bonuses for HSE-related achievements 3. Lagging indicators 3.1 Identified violations 3.1.1 Violations identified: By opermment authorities By the Querer By the auditors (MS, ISS, others) Hazardous actions: Hazardous actions: J.1.2 Eliminated violations, identified: By government authorities By the Owner By government authorities By the Owner By the Auditors' committee: 3.1.3 Violations identified:																	
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Report has been developed by: _____ "__"___20__r.

Report has been approved by: _____ "_"___ 20_r.
signature full name

Classification of the identified HSE violations

Type of violation	January	February	March	April	May	June	July	August	September	October	November	December	Total
ES. Electric safety	0	0	0	0	0	0	0	0	0	0	0	0	0
ESI. Cabling. Insulation damages													0
ESC. Cabling. Gaskets and other violations													0
ESDs. Temporary electric equipment: automatic switches, ground fault interrupters at the socket groups													0
ESB. Temporary electric equipment: formalization, moisture and dust protection and other violations													0
ESG. Grounding, lightning protection													0
ESVs. Other violations													0
H. Height	0	0	0	0	0	0	0	0	0	0	0	0	0
HPTW. Lack of PTW for works at height or violation of the requirements													0
HD. Fencing of elevation differences, openings													0
HSc. Condition of scaffolding and stairs													0
HRF. Risks of the objects falling from height													0
HUC. Unstable/not fixed structures and their elements (steps, grating etc.)													0
HA. Safe access and evacuation routes from height													0
HPMH. Collective protection means against falling from height													0
HVs. Other violations													0
HO. Hazardous operations	0	0	0	0	0	0	0	0	0	0	0	0	0
HOGH. Violations in the course of gas hazardous, hot works or works in the confined space													0
HOEW. Violations in the course of earth works													0
HOPH. Violations in the course of pneaumatic/hydraulic tests performance													0
HOXR. Violations in the course of X-Ray works													0
HOLP. Violations in the course of lifting works in the proximity to power lines													0
HOOVs. Other violations													0
PPE. Special clothes and PPEs	0	0	0	0	0	0	0	0	0	0	0	0	0
PPEP. Fall arrest systems against falling from height													0
PPEPH. Protective helmet, chin straps													0
PPEG. Safety glasses													0
PPEC. Protective clothes													0
PPEGH. Gas helmet/self-rescue device													0
PPESh. Safety shoes													0
PPESp. Specialized PPEs													0
PPEPr. PPE handover procedure violations													0
PPEOs. Other violations													0
GCE. Gas-cylinder equipment	0	0	0	0	0	0	0	0	0	0	0	0	0
GCEO. Violations in the course of gas cylinders operation													0
GCT. Violations in the course of gas cylinders transportation													0
GCS. Violations in the course of gas cylinders storage													0
GSGH. Violations related to gears and gas hoses	1												0
GCOC. Other comments in the course of operation/storage/transportation of gas-cylinder equipment	1										1		0
DTE. Devices, tools, equipment	0	0	0	0	0	0	0	0	0	0	0	0	0
DTEF. Use of defective TTE/non-compliant with work types													0
DTEN. Use of detective TEPhoneomphant will work types DTENI. Use of non-inventory DTE, voluntary incorporation of the changes into the DTEs structure, use of DTE											1		
elements non-compliant with the manufacturing plant requirements													0
DTEL. Operation of DTE with tripped locks, ESD, physical protection (casings, stoppers etc.)													0
DTEE. Inspection and tests													0
DTEOvs. Other violations													0

MS. Material storage MSR. Material storage MSR. Material storage with the risk of spontaneous falling, tripping, displacement, rolling MSOvs. Other violations AWPM. Area and working place maintenance AWPMO. Obstruction of the territory with construction material/debris AWPMA. Lack of/obstruction of passages/vehicle accesses to the working areas AWPMA. Lacks of falling/tripping of the personnel related to uneven/unstable floor surface AWPMI. Risks of falling/tripping of the personnel related to uneven/unstable floor surface AWPMSR. Snow/ice/icicles removal AWPMOvs. Other violations TRS. Transport and traffic safety	0	0	0	0	0	0							0
MSOvs. Other violations AWPM. Area and working place maintenance AWPMO. Obstruction of the territory with construction material/debris AWPMA. Lack of/obstruction of passages/vehicle accesses to the working areas AWPMR. Risks of falling/tripping of the personnel related to uneven/unstable floor surface AWPMI. Risks of personnel injuring with the sharp protruding edges AWPMSR. Snow/ice/icicles removal AWPMOvs. Other violations TRS. Transport and traffic safety	0	0	0	0	0	0							
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AWPMOvs. Other violations TRS. Transport and traffic safety													0
TRS. Transport and traffic safety													0
	0	0	0	0	0	0	0	0	0	0	0	0	0
TRSS. Speed regimew violation		-		~					-		-		0
TRSP. Violation of parking rules/vehicle station rules													0
TRSEM. Violation of the employees movement rules along the plant territory													0
TRSDO. Lack/non-compliance of the documentation (trip ticket, driver's lisence)													0
TRSDO: Lack non-compliance of the documentation (http://cket, driversinsence)													0
TRSE. Lack/non-compliance of the vehicle driver's emergency kit													0
													0
TRSS. Lack of signs, road marking/insatisfactory road paving condition													0
TRSOVs. Other violations	0	0	0	0	0	0	0	0	0	0	0	0	0
LW. Lifting works	0	0	0	U	0	U	U	0	0	U	0	U	
LWLGC. Loose lifting gears condition													0
LWLF. Fencing of lifting works areas													0
LWSV. Violations of slinging schemes/Method Statement and process Flow Chart requirements													0
LWOV. Other violations in the course of works performance with the use of lifting facilities	0	0	۵	0	0	0	0	0	0	0	0	0	0
T. Machinery condition	0	0	0	0	0	0	U	0	0	0	0	0	0
TS. Shutdown/malfunction of stoppers or locks													0
TS. Shutdown/malfunction of the indicators													0
TR. Tripping/malfunction of the registration devices													0
THF. Malfunction/leakage of hydraulic or fuel system													0
TM. Malfunction of the boom/rope mechanism or hook hanger													0
TB. Vehicl body condition (incl. tyres, glasses, mirrors, optical components)													0
TE. Inspection, expert review, authorizations													0
TD. Technical and other documentation													0
TES. Vehicle driver emergency kit													0
TO. Other violations													0
E. Environmental protection	0	0	0	0	0	0	0	0	0	0	0	0	0
EMH. Materials handling													0
EW. Waste handling													0
ET. Operation of automatic vehicles, construction machinery and equipment													0
EP. Process compliance													0
ES Ensuring sanitary and living conditions													0
Ed. Availability of the necessary documents													0
EO. Other violations													0
IS. Industrial, fire safety, civil defence and emergency situations	0	0	0	0	0	0	0	0	0	0	0	0	0
ISL. Unsafe storage/use of highly-flammable liquidis, combustible liquids													0
ISM. Unsafe operation/flammable materials, debris storage													0
ISHw. Violations occurred in the course of hot, gas hazardous and/or fire hazardous works													0
ISP. Primary firefighting means, fire safety boards	1												0
ISE. Obstruction of passages/evacuation routes/accesses to the protected facilities/fire equipment	1	1											0
ISS. Lack of/tripping/malfunction of communication/alarm/firefighting systems	1	1											0
ISV. Visualisation, instruction, categorization, signs	1	İ											0
ISCD. Violations in the field of civil defence and emergency situations	1	1	1	1						1	1	1	0

ISO. Other violations in the field of fire, industrial safety, civil defence and emergency situations			1									,	0
D. Documentation	0	0	0	0	0	0	0	0	0	0	0	0	0
DMs. Lack of Method Statement/Method Statement for Crane Works/Method Statement for Work at Height/Process													
Flow Chart, violations related to the approval, confirmation, authorization													0
DN. Lack of/corrections/mistakes in the PTWs/permits to Hazardous Works performance													0
DO. Other violations												ľ	0
TI. Qualification, training, inductions	0	0	0	0	0	0	0	0	0	0	0	0	0
TIQ. Lack of/non-conformities in the qualification documents													0
TII. Failure to pass the inductions													0
TIT. Failure to pass the preassigned special training (inductions)													0
TIO. Other violations													0
TCF. TCF condition	0	0	0	0	0	0	0	0	0	0	0	0	0
TCFDFr. Formalization of TCFs (availability of identification infromation, instructions, emergency services contact													
data etc.)													0
TCFC. TCFs condition/procedure/hygienic requirements												ļ!	0
TCFF. Fire safety of TCFs													0
TCFE. Electric safety of TCFs													0
TCFO. Other violations													0
LH. Labor hygiene	0	0	0	0	0	0	0	0	0	0	0	0	0
LHI. Illumination													0
LHN. Noise													0
LHM. Microclimate													0
LHD. Dust content													0
HTV. Vibration													0
LHT. Availability and maintenance of WC, wash stands													0
LHF. Availability and maintenance of dining areas												ľ	0
LHH. Availability and maintenance of the heating stations													0
HDW. Water drinking procedure arrangement												ľ	0
LHO. Other violations													0
OV. Other violations	0	0	0	0	0	0	0	0	0	0	0	0	0
OL. Hazardous liquids/substances													0
OCW. Violations occurred in course of concrete works													0
OPW. Violations occurred in the course of piling works													0
OP. Violations occurred in the course of painting and sandblasting works													0
OMS. Medical services, first aid means			1										0
OC. Violations of construction/quality procedure with the risks of personnel injuries			1										0
OR. Violations of the specific Project/Owner's requirements													0
OSSR. Violations of the access and site security regime													0
OEW. Withholding of the information regarding the incidents			1						l				0

Attachment No.2 to the Industrial safety and environmental protection report

Summary statistics of major and significant incidents*

Item No.	Incident category	Description	Incident reason	Internal investigation status	Execution writ issue status upon the results of investigation	Actions developed	Action due date	Responsible persons	Action implementation status	Remark
										-
								-		
i i										

* - to be filled in case of major and/or significant incidents occurrence during the reporting period

Planned actions / actions under implementation (SMART format)*

The actions planned for the next month

Item	Action	Result	Due date						
	No. Action Ductance D								
Health o	care:								
Industri	ial and transport safety:								
D'									
Fire safe	ety, civil defence and emergency situations:								
Enviror	mental protection:								
21111101									
Other a	ctivities (HR-related, intercation with the persons in charge of the	e occupational safety, trade unions etc.):							

Actions taken during the reporting month

Action	Result	Due date						
No. Ductate Labor safety:								
are:								
al and transport sofaty.								
ar and transport sarcty.								
ety, civil defence and emergency situations:								
mental protection:								
ativities (HD related interaction with the persons in change of the	a accurational safety trade unions etc.).							
cuvities (HK-related, interaction with the persons in charge of the	e occupational safety, trade unions etc.):							
	are: are: al and transport safety: ety, civil defence and emergency situations: mental protection:	afety: afety: are: re:						

* - SMART format - Specific (specificity), Measurable (measurability), Attainable (attainability), Relevant (relevancy), Time-bound (Time limitation)

Attachment No.9 to the Regulation on the Industrial Environmental Control

Summary report on compliance with the requirements of the Environmental and Social Aspects Management Framework Plan and Construction Management Plans¹

(reporting period: quarter, year) (form)

1. Status of work on the Project (compliance with the calendar and activity-based network schedule, changes, completed works status etc.).

2. List of the subcontractors operating at the GPC ERGPC construction sites.

				Table 1
Item No.	Subcontractor	Activity type (construction, maintenance, operation, rendering services)	Work performance period	Remarks

3. Contractor's and Subcontractors' Management systems implementation status, including implementation of the Environmental and Social Aspects Management Plan (ESAMP) and Construction Management Plans (CMP).

	_			Table 2
Ite m No	Contractor, Subcontractor	Regulation on the implementation	Availability of the own plan on CMP implementation	Implementati on status

4. Status of ESAP items completion by the Contractor and Subcontractors²

Table 3

Item No.	Subcontractor, Contractor	Framework ESAMP, CMP, ESAP	Status of compliance (yes/no)	Remarks

 $^{^{1}}$ The tables shall be submitted in Microsoft Excel format in addition to the main report to be submitted in Microsoft Word format. The report form can be subject to adjustments or can be supplemented upon the results of obtaining the information.

 $^{^{2}}$ Environmental Social Action Plan – Action plan in the field of the environmental protection and social media. The information on ESAP completion status shall be provided upon its submittal.

- 5. Status of the Stakeholder Engagement Plan implementation (SEP).
- 6. Information regarding the availability/lack of the permitting documentation.

т	a	h	le	4
	u			

							T doite +			
					Referen					
					ce to					
	Contractor				the					
Item	Contractor	Permitting	Permitting	Date of	regulat	Availabil	Remark			
No.	, Subcontra	document	document	approva	ory	ity status	S			
	ctor	description	requisites	I	technic		~			
					al					
					docume					
					nt					
Labor	safety									
Indust	rial safety									
Fire sa	afety									
Enviro	onmental prote	ection								
Transp	Transport safety, logistics									
Emplo	Employment and labor conditions									
Cultur	Cultural heritage									
Indige	nous populati	on								

7. Binding payments to be made by the Contractor and Subcontractor (expenses for the labor safety-related events, payments for negative impact, expenses for obtaining the licenses for a hazardous production facility operation etc.).

Table 5

Item No.	Contractor, Subcontractor	Type of binding payment	Payment date	Amount of binding payment	Remarks

8. Penalties for the violations identified as a result of the inspections carried out by the executive power bodies, as well as the penalties charged by the Contractor to the Subcontractors.

Table 6

Ite m No	Contractor, Subcontractor	Name of the executive power body which performed the inspection	Violation identified	Reference to the regulatory technical document	Penalty amoub nt	Remark s

9. Amount of the harm caused to the surrounding natural environment.

						Table 7
Ite m No	Contractor, Subcontractor	Name of the executive power body which performed the inspection	Violation identified	Reference to the harm calculation methodolog y	Amoun t of the harm, rubles	Remarks

10. Inspections, audits, monitoring, monitoring by the governmental bodies, the internal corporate monitoring by Gazprom PJSC, RusChemAlliance LLC.

Table 8 Ite Number of the Contractor, Regulatory Number of the Inspection nonm Subcontract body non-conformities Remarks No date conformities (organization) eliminated or identified

Analysis of the non-conformities identified (systematic nature, repetition, occurrence reasons, corrective action etc.).

Information regarding the results of Level 3 internal audits and inspections.

Analysis of the stakeholders' applications obtained.

11. Environmental and social activity indicators, achievement of the key performance indicators.

					Table 9
Item No.	Contractor, Subcontractor	Framework ESAMP, CMP	Key performance indicator, %	Reasons for non- achievement of the key performance indicators	Remarks

12. Number of the incidents related to the environmental and social media, as of the period (with the distribution by the control disciplines³).

Table 10

Contractor, Subcontractor	Incident date	Type of incident	Brief description	Remarks	
		Incident date			

³- environmental protection (oil spillages, limit-exceeding negative impact etc.);

- fires.

⁻ an accident (production-related, not production-related);

⁻ microtrauma;

⁻ acute professional disease (poisoning);

⁻ transport-related incidents;

⁻ an incident, emergency case at the hazardous production facility;

Analysis of the incidents identified (systematic nature, repetition, reasons for occurrence, corrective action etc.).

13. Other information of the environmental and social nature submitted in compliance with the Key Performance Indicators specified in the CMP.

14. The conclusions made based on the activity results and the recommendations (analysis upon the results of the information obtained, the need for development of the correction action).

Incidents register (form)

Ite m No.	Yea r	Month	Incident date	related to the works performance (yes/no)	Number of the injured employees	Number of dead employees	Type of incident	Incident place	Subproject	Circumstances	Incident consequences: the nature of injures obtained/Physical damage prejudice	Incident route cause	Sick leave	Light labor	Requisites of act H- 1 (date;number)
	-														
-	+														
-	-														
	-														
-	-														
-	-														

Accidents classifier

Road traffic accident
Emergency call with subsequent medical transportation
An accident not related to production
Industrial accident (light)
Industrial accident (severe)
Fatal accident
Group accident
Contacting a medical center with a common disease
Microtrauma (medical care)
Dangerous action, condition
Fire
Appearance on the territory of the enterprise in a state of
alcoholic, narcotic or other toxic intoxication (Key Safety Rules)
Carrying out high-risk work without a work permit,
as well as violation of its requirements (Key Safety Rules)
Concealment of information about accidents, fires, incidents,
facts of industrial injuries, potentially dangerous violations (Key Safety Rules)
Death due to a common disease or suicide
Death or other damage to health, the only cause of which was
alcohol, narcotic or other toxic intoxication (poisoning)
of an employee (according to the conclusion of a healthcare institution)
An accident occurred when the injured person committed actions
qualified by law enforcement agencies as a criminal offense (crime)
Emergency medical evacuation
Incident without consequences (prerequisites for incidents)
Oil spill
Waste handling
Spillage of wastewater/liquid household waste
Land pollution
Marine pollution
Air pollution
Transport accidents
Violation of subsurface use
Accidents with the release of biologically hazardous substances
Accidents at sewage treatment facilities
Accidents with the release of chemically hazardous substances
Accidents with the release of radioactive substances
Accidents on energy systems
Accidents on communal life support systems