The European Union's IPA 2010 programme for Albania

Technical Assistance for Strengthening the Capacity of the Ministry of Environment in Albania for Law Drafting and Enforcement of National Environmental Legislation

(EuropeAid/130987/C/SER/AL)

Environmental Permit Format Type A

Activity C.3

Final Document

This project is funded by the European Union

Project title:	Technical Assistance for Strengthening the Capacity of the Ministry of Environment in Albania for Law Drafting and Enforcement of National Environmental Legislation
Project number:	Europe Aid/130987/C/SER/AL;
Contract no.	2011/275-693
Country:	Republic of Albania

	Beneficiary	**Contractor**
Name:	Ministry of Environment	Grontmij A/S
Address:	**Durresi Str, Nr 27, Tirana, Albania**	**Granskoven 8 DK-2600 Glostrup**
Contact Person:	Ardiana Sokoli	Paolo Bacca
Phone:	+355 4 2270622	+355 4 2226493
E-mail:	Ardiana.Sokoli@moe.gov.al	Paolo.Bacca@selea.al

Date of Report:	June 2014
Title:	**Environmental Permit Format Type A**
Authors:	Erjola Muka, Bosko Nikov and Kurt Terpgaard-Jensen, Alma Bako
QA/QC	Paolo Bacca

Acknowledgement
The project team wishes to express its gratitude to all resource persons and experts from all institutions and stakeholders involved in the collection of data and information and to all persons and bodies that have supported the development of this Manual. Special thanks are extended to the National Environmental Agency and the Ministry of Environment.

REPUBLIC OF ALBANIA
MINISTRY OF ENVIRONMENT
NATIONAL ENVIRONMENTAL AGENCY

APPROVED

MINISTER
(sign, seal)

No. ___ Prot.
Permit ID Number (According to NEA Register) Date_____
_____

APPROVAL ACT
Environmental Permit Type A

Based on the Law No. 10448, dated 14.7.2011 "On Environmental Permitting" and bylaws for its implementation.

NEA after the reviewing of Environmental Permit Application, proposes the approval of the permit with the attached conditions for the below Applicant:

a) Legal Person (Company) (Trade Name, NIPT No., Address)
_____

or

b) Natural Person (Name, Surname, NIPT No., Address)_____

For the plant/installation:

1. Title of the plant/installation (describe according to column 1 of Annex 1 to the Law. No. 10448, dated 14.7.2011 "On the Environmental Permits)
   _____
2. Description of the activity and capacity (describe according to column 1 and 2 of Annex 1 to the Law. No. 10448, dated 14.7.2011 "On the Environmental Permits")
   _____
3. Location_____

The validity of this permit and its conditions starts on_____ (date)

The administrative fee paid on _____ (date)
☐ for application for environmental permit
☐ modification to the environmental permit conditions

DIRECTOR OF NATIONAL ENVIRONMENTAL AGENCY
(name, surname, sign, seal)

REPUBLIC OF ALBANIA
MINISTRY OF ENVIRONMENT
NATIONAL ENVIRONMENTAL AGENCY

REFUSED

MINISTER
(sign, seal)

No. ___Prot.
Permit ID Number (According to NEA Register) **Date_____**

REFUSAL ACT
Environmental Permit Type A

Based on the Law No. 10448, dated 14.7.2011 "On Environmental Permitting" and bylaws for its implementation.

NEA after the reviewing of Environmental Permit Application, gives the opinion on the refusal of the of the permit with the attached arguments for the below Applicant:

a) Legal Person (Company) (Trade Name, NIPT No., Address)
_____

or

b) Natural Person (Name, Surname, NIPT No., Address)_____

For the plant/installation:

1. Title of the plant/installation (describe according to column 1 of Annex 1 to the Law. No. 10448, dated 14.7.2011 "On the Environmental Permits")
   _____
2. Description of the activity and capacity (describe according to column 1 and 2 of Annex 1 to the Law. No. 10448, dated 14.7.2011 "On the Environmental Permits")
   _____
3. Location_____

The validity of this Permit and its conditions starts from (date)_____

The administrative fee paid on _____(date)
☐ for application for environmental permit
☐ modification to the environmental permit conditions

DIRECTOR OF NATIONAL ENVIRONMENTAL AGENCY
(name, surname, sign, seal)

Content

Acronyms and Abbreviations

BAT	Best Available Techniques
EEC	European Economic Community
EMS	Environmental Management System
EPRTR	European Pollutant Release and Transfer Register
EWC	European Waste Catalogue
MoE	Ministry of Environment
AER	Annual Environmental Report
ELV	Emission Limit Value
IPPC	Integrated Pollution Prevention and Control
L_{eq}	Equivalent Sound Level
DoPA	Department of Public Affairs
PER	Pollution Emission Register
PRTR	Pollution Release and Transfer Register
UTM	Universal Transverse Mercator coordinate system
VOC	Volatile Organic Compounds

CONDITION 1 – SCOPE

1.1. This permit pertains to activities and capacities as stipulated in chapter 2-4 of the application for this permit or as modified according to the conditions of this permit. The operator is authorised to carry out the activities and/or associated activities as specified in Table 1.1.1. and 1.1.2.

TABLE 1.1.1 - List of Activities		
Activity under Appendix 1 of the Law "On Environmental Permitting" No. 10448, date 14.07.2011		**Limits of specified activity**
ID	**Description of specified activity**	

TABLE 1.1.2 - List of Associated Activities	
Main associated activities	**Description of specified activity**

1.2. Operation, control, maintenance of the installation and emissions from the installation shall be carried out only in accordance with the conditions in this permit. All programmes, plans and other documents that will be produced as a result of the permit shall form an integral part of the permit.

1.3. Changes related to functioning and considerable changes in relation to the installation that may lead to a change in the nature or increase in emissions, emission reduction system, fuel, raw materials and auxiliary materials, products or waste generation, installation management and control, may be conducted only upon prior written request and written approval by the competent authority.

1.4. This permit is granted for the purpose of integrated pollution prevention and control, in accordance with the Law on Environmental Protection 10431, dated 09.06.2011 and environmental legislation in force and it does not exempt the operator from obligations under other laws.)

1.5. The Permitted Installation shall not be brought into operation until the following measures have been completed and NEA as competent authority, has been notified in writing of this.

1.5.1. Add conditions if necessary or indicate: NO additional pre-operational measures are required.

1.6. In this Permit, site shall mean the area outlined by the red line (shaded) on the following map (with coordinates of the site according to Gauss–Krüger Coordinate System: 1942_GK_ZONE_4). The activities authorised under condition 1.1 shall not extend beyond the site, being the area outlined on the map below.

MAP

Topographic map with coordinates of the site according to GAUSS KRÜGER Coordinate System: 1942_GK_ZONE_4

CONDITION 2 - MANAGEMENT OF THE INSTALLATION

2.1. All plants, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition.

2.2. The operator supplied with permit shall employ an appropriately educated and experienced site manager as a person in charge. The site manager or an appropriately educated and experienced person designated by him/her will be present on site continuously during the operating hours of the installation as a person in charge. The person in charge shall also be available to meet with authorised persons of the competent authority at all times.

2.3. The operator shall ensure that all employees performing specific tasks will be suitably qualified, trained and acquainted with the conditions of this permit.

2.4. Operator shall establish and maintain an environmental management system (EMS) which fulfils the permit requirements. The EMS shall contain an assessment of all phases of activities in the installation and a review of all options for cleaner technologies and cleaner production, reduction and minimisation of waste, and include minimum compliance levels.

2.5. List of short-term and long-term environmental objectives (objectives and tasks)

2.5.1. The operator shall prepare a list of long-term and short-term objectives for a minimum period of 5 years. The list shall also contain the deadlines for fulfilment of set objectives. The list shall comply with all requirements of the competent authority, and it will be submitted within 6 months from the granting of this permit. The list shall be revised once a year and supplements should be sent to the competent authority for approval as a part of the Annual Environmental Report (Condition 2.11.2).

2.6. Environmental Management Programme (EMP)

2.6.1. The operator shall, within 6 months from the date of grant of this permit, establish and further maintain the EMP, including the time schedule for achieving the objectives and targets. The EMP shall be a part of the Annual Environmental Report and the competent authority will approve it prior to the implementation.

The EMP shall include:

a) Designation of responsibility for the short-term objectives (tasks);
b) Resources with which the tasks can be implemented;
c) Time period in which the tasks can be completed;
d) Reporting on the programme.

2.6.2. The operator shall, within the Annual Environmental Report, include a report on the fulfilment of agreed objectives and tasks. This report should be held for at least five years and it will be available to authorised persons from the competent authority for inspection.

2.7. Pollution Release and Transfer Register (PRTR)

2.7.1. Substances which should be included in the PRTR shall be agreed with the competent authority.

2.7.2. At latest within (____) months from the granting of this permit, the operator shall agree with the competent authority on the substances that will be included in the PRTR and methodology for determining these substances.

2.8. Documentation

2.8.1. The operator shall establish and maintain documentation on environmental management in accordance with legal framework in force and the requirements of the competent authority.

2.8.2. The operator shall provide a copy of the permit to any relevant person whose tasks are related to any condition in this permit.

2.9. Corrective Actions

2.9.1. The operator shall establish procedures for undertaking corrective actions in a case that specified conditions from this permit are not fulfilled Responsibilities and authorisations to initiate investigations and corrective actions in the event of a failure to comply with the conditions from this permit shall be established.

2.10. Training

2.10.1. The operator shall establish procedures for establishing training needs and implement appropriate training for all employees whose work may have significant impact on the environment. Training records shall be available to a competent authority.

2.10.2. Employees performing specific tasks shall be qualified by appropriate education, training and experience.

2.11. Responsibility

2.11.1. The operator shall ensure the presence of a responsible person at any time during the operation of the installation. The responsible person shall be authorised and available to meet an authorised person from the Ministry or inspectorate.

2.12. Communication

2.12.1. The operator shall establish a procedure to ensure that the public can obtain information concerning environmental performances, at all reasonable times. This procedure should be submitted to the competent authority for approval with the documentation of the permit.

2.12.2. The operator shall submit an Annual Environmental Report to the competent authority every calendar year. This report, at a minimum, should include the information specified in the Annex 6.2 (Contents of Environmental Report).

CONDITION 3 - OPERATION AND INFRASTRUCTURE

3.1. The operator shall establish all infrastructures in relation to this permit in accordance with the conditions from this permit before starting operation of the installation.

3.2. The operator shall at every emission point set up a place for sampling or monitoring equipment, including the devices for collection of data and communication as requested by the competent authority.

3.3. The operator shall provide safe access to all sampling and monitoring points at the site as well as to the ones outside the site, in accordance with the requests of the competent authority or the environmental inspectorate.

3.4. Storage in tanks and barrels

3.4.1. Surfaces where tanks and/or barrels are located shall be impermeable and resistant to the material stored therein.

3.4.2. All areas with tanks and/or barrels have to be, as a minimum, be enclosed by local or remote bunds with the volume which is equal to or greater than the greater of the following:

a) 110% of the capacity of the largest tank gravitating towards the bund or

b) 25% of a sum of the capacities of all tanks gravitating towards a given bund

3.4.3. All drainages from the bunded area shall be diverted for safe collection and disposal

3.4.4. Any intake or outlet pipes, valves, vent pipes and gauges shall be kept within the banded area

3.4.5. All bunds shall be tested for damages and water tightness at least every three years.

3.4.6. The operator shall have adequate amount of an absorbent at the site which will absorb any spills in the installation. Once used the absorbent shall be disposed of in a manner suitable for the type of absorbent material.

3.4.7. The operator shall, carry out a risk assessment in order to determine whether it is necessary to retain the water from extinguishing the fire before submitting the permit.

3.4.8. If it is established that the risk exists, the operator shall prepare a risk management programme, which will be submitted to the competent authority for approval. The programme shall be entirely implemented within 3 months from the receipt of the permit.

3.5. There shall be no construction waste within the installation and roads shall be maintained in a manner not to cause dust emission.

3.6. All belt conveyors in the open air as well as the ones indoors with the speed equal to or exceeding 3m/s shall be enclosed.

CONDITION 4 - COMPLIANCE PLAN AND TIMELINES - ONLY FOR EXISTING PLANTS

4.1. The operator shall implement the Compliance Plan as stipulated in Table 4.1.1. Content of the Compliance Plan and implementation deadlines are presented in the table below:

TABLE 4.1.1 - Compliance Plan

Condition ref.	Compliance Activity	Investment Costs (EUR)	Start of activity (date)	End of activity (date)	Activity results	Method of control
		(Total)				

NOTE

Activities: Description of the activity/activities which shall be conducted in order to achieve compliance for the installations with the environmental legislation

Investments: Investments for the activity

Start: Date (month/year) for which the start of the activity has been planned

End: Date (month/year) for which the termination of the activity or the launching into operation has been planned

Activity Result: The specific result shall be described (example: emission reduction)

Method of control Description of the way in which the performed activity can be controlled

TABEL 4.1.2 – Time frames

Condition ref.	Compliance Activities	ANNUAL COSTS – EURO				
		Year*	Year*	Year*	Year*	Year*

*Cost-benefit analyses, including the necessary annual expenditure for the implementation of each activity in the Table 4.1.2.

CONDITION 5 - INTERPRETATION

5.1. Limit values for emissions into air shall be interpreted as follows:

5.1.1. Continuous monitoring:

a) No 24-hour mean value shall exceed the emission limit value;

b) 95% of all 30-minute mean values shall not exceed the emission limit values by more than 20%;

c) No 30 minute mean value shall exceed the emission limit value more than two times.

5.1.2. Non-continuous monitoring:

a) If, for any reason, 30 minute sampling is not feasible, it is necessary to apply a suitable sampling period, and obtained values should not exceed the emission limit values.

b) For flow, no daily average shall exceed the limit value.

c) For other parameters, no 30-minute mean value shall exceed the emission limit value.

d) Mass flow thresholds shall refer to emissions expressed in units of kg/h above which the concentration emission limit value applies.

e) Mass flow threshold values shall be calculated on the basis of the concentration determined as an average in a given period multiplied by an appropriate measurement of flow. No value, so determined, shall exceed the set mass flow limit value.

5.2. The concentration limit values for emissions into air established in this permit shall be based on gas volume under normal conditions:

5.2.1. Non-combustion gases:

a) Temperature 273K, pressure 101.3kPa (no correction for oxygen or water content).

5.2.2. Combustion gases:

a) Temperature 273K, pressure 101.3kPa, dry gas; 3% oxygen for liquid and gas fuels, 6% oxygen for solid fuels.

5.3. Limit values for emissions into water:

5.3.1. Continuous measuring:

a) No pH value shall be outside the specified range.

b) No flow value shall exceed the specified limit.

5.3.2. Non-continuous measuring:

a) No pH value shall be outside the specified range.

b) No temperature value shall exceed the limit value.

c) For all parameters other than pH, temperature and flow, no daily mean sample shall exceed the emission limit values specified in Annex 3 of the Environmental Permitting Law.

d) For all parameters other than pH, temperature and flow, no random sample shall exceed 1.2 times the emission limit values set out in Annex 2.1 and/or 3.1.

5.4. Noise

5.4.1. Noise from the installation shall not give rise to noise level set to it by the legislation in force on evaluation and administration of noise in Albania. The noise emission level will vary depending on the noise map, which divides the Albanian Republic in industrial areas, urban areas, and hospital and government buildings areas. The noise limit values should be set depending on the location of each installation.

Mining:

5.5 Vibrations

5.5.1 Vibrations from the blasts should not affect/harm the duhet të mos cënojnë/dëmtojnë palët e treta në ambientet apo banesat përreth.

CONDITION 6 - NOTIFICATIONS

6.1. The operator shall, within _____(hours/days) via telephone, fax or e-mail notify the NEA and the Environmental Inspectorate of:

6.1.1. The detection of an emission of any substance from any potential source, which exceeds any limit or criteria in this Permit specified in relation to the substance;

6.1.2. The detection of any fugitive emission which has caused or may cause pollution unless the quantity emitted is so trivial that it would be incapable of causing pollution;

6.1.3. The detection of any malfunction, breakdown or failure of plant or techniques which has caused or may have the potential to cause pollution; and

6.1.4. Any accident which has caused or may have the potential to cause pollution.

In the notification, the operator shall pinpoint the date and time of the incident, details of the event and measures to minimise any emissions.

6.2. The operator shall make a report on any incident

6.2.1. The operator shall make a report on any incident mentioned in the condition 6.1. The report shall include details of the nature, magnitude, influence and circumstances which lead to the incident. The report shall contain undertaken remedial measures for: incident management, minimisation of generated waste and effects on the environment and for prevention of recurrence of the incident.

6.2.2. Summary of the incident shall be included in the Annual Environmental Report

6.2.3. In the event of an incident which led to discharge to sewer, the operator shall notify local owner of the sewer in the shortest time possible/immediately after the incident.

6.2.4. Local authorities have to be notified of the incident in the shortest time possible/immediately after the incident

6.3. The Operator shall give written notification as soon as practicable, of any of the following:

6.3.1. Permanent cessation of the operation of any part of or all of the Permitted Installation;

6.3.2. Cessation of the operation of any part of or all of the Permitted Installation for a period, likely to exceed (_____) year; and

6.3.3. Resumption of the operation of any part of or all of the Permitted Installation after a cessation notified under 6.3.2.

6.4. The Operator shall notify the following matters to the competent authority, in writing, within (_____) days of their occurrence:

6.4.1. Any change in the Operator's trading name, registered name or registered office address;

6.4.2. A change to any particulars of the Operator's ultimate holding company (including details of an ultimate holding company where the Operator has become a subsidiary)[1];

1 Please refer to the Part I "Grouping societies", of the Law No. 9901, dated 14.4.2008 "For traders and companies".

6.4.3. Any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

CONDITION 7 - Emissions

7.1. EMISSIONS INTO AIR

7.1.1. Emissions to air from the emission point(s) specified in Table 1.1.1 of Annex 1.1 shall only arise from the source(s) specified in that Table. (Refer to Site Layout reference no.)

7.1.2. The limits for emissions into air for the parameter(s) and emission point(s) set out in Table 1.1.2 of Annex 1.1 shall not be exceeded in the adequate indicated time period.

7.1.3. The operator shall carry monitoring and analysis for any emissions/parameters listed in Table 1.2.1 of Annex 1.2 from the emission points and at least at the frequencies specified in that Table. The analysis shall be carried out by calibrated machineries, or, in case of non-continuous monitoring the measurements shall be carried out by a certified expert, or certified laboratory.

7.1.4. All abatement/treatment, monitoring and control equipment shall be calibrated and maintained while in use, and relevant records of calibration and maintenance shall be kept at the site and be available for inspection by authorised personnel of the competent authority. All abatement/treatment equipment shall be functioning at all times when activities are being carried on, except when alternatives had been agreed with the competent authority.

7.1.5. Summary report on emissions shall be forwarded to the Environmental Inspectorate and National Environmental Agency every (_____) months and shall be included in the Annual Environmental Report.

7.1.6. All emissions from the Installation shall be free from offensive odour outside the boundary of the Installation.

7.1.7. All emissions to air, other than steam or condensed water vapour, shall be free from droplets, from persistent mist and persistent fume.

7.1.8. All emissions shall be free from visible smoke. If for reasons of maintenance, emissions of smoke are caused due to re-ignition from cold, this shall be for no longer than a period of 20 minutes in any period of 8 hours and all practical steps must have been taken to minimise the emission.

7.1.9. Overall emissions of VOCs will not exceed 20% of used solvent, if consumption exceeds 5t/year).

7.1.10. Within six months from the date of issuing this permit, the operator shall prepare a suitable organic solvents management plan and submit it to competent authority for approval.

7.1.11. The operator shall, within six months from the date of grant of this permit, prepare and submit a programme for identification, monitoring and reduction of fugitive emissions into air to the competent authority for approval. The programme shall be entirely implemented within 3 months from the date of approval.

7.1.12. The operator shall ensure that the activities at the site are carried out in such a manner that emissions into air and (or) odours do not cause significant impairment of the environment beyond the installation boundaries.

7.2. EMISSIONS INTO SEWER

7.2.1. Emissions into sewer from the emission point(s) specified in Table 2.1.1 of Annex 2.1 shall only arise from the source(s) specified in that Table. (Refer to Site Layout reference no.)

7.2.2. The limits for the emissions into sewer for the parameter(s) and emission point(s) set out in Table 2.1.2 of Annex 2.1 shall not be exceeded in the adequate indicated time period.

7.2.3. The Operator shall carry out monitoring and analysis of the parameters listed in Table 2.2.1 of Annex 2.2 from the emission points and at least at the frequencies specified in that Table.

7.2.4. All abatement/treatment, monitoring and control equipment shall be calibrated and maintained while in use, and relevant records of calibration and maintenance shall be kept at the site and be available for inspection by authorised personnel of the competent authority. All abatement/treatment equipment shall be functioning at all times when activities are being carried out, except when alternatives had been agreed with the competent authority.

7.2.5. Summary report on emissions shall be included in the Annual Environmental Report.

7.2.6. The operator shall deliver the summary report to sanitary and authorised health authorities.

7.2.7. Other than sanitary water, no other waters shall be discharged to sewer.

7.2.8. Waste water shall contain no organic solvents (including chlorinated organic solvents) which may facilitate creation of explosive vapours in sewers.

7.2.9. The operator shall not discharge liquid matters or other matters which may set or congeal at average sewer temperature or may create inflammable or explosive gases or acids, alkali or other substances in concentrations which may destroy sewer pipes and fittings or damage it in other way.

7.2.10. It is not allowed to discharge to sewer any matters in concentrations which would be dangerous for the health of sewer maintenance personnel or which would affect biological treatment in forthcoming phases of treatment of waste waters.

7.2.11. No substances in concentrations which after initial dilution in a recipient may be harmful for aquatic life shall be discharged to sewer.

7.2.12. The operator shall enable authorised personnel from the competent authority/inspectorate to inspect, check or test any operation or equipment at any reasonable time (moment) in relation to wastewater or to take a sample of the water which is subject of the permit.

7.2.13. It is prohibited to discharge substances which will cause chemical reactions or cause creation of intermediaries significant for the environment.

7.3. EMISSIONS INTO SURFACE WATERS (OTHERS THAN EMISSIONS TO SEWER)

7.3.1. Emissions into surface water from the emission point(s) specified in Table 3.1.1 of Annex 3.1 shall only arise from the source(s) specified in that Table. (Refer to Site Layout reference no.)

7.3.2. The limits for the emissions into surface waters for the parameter(s) and emission point(s) set out in Table 3.1.2 of Annex 3.1 shall not be exceeded in the adequate indicated time period.

7.3.3. The operator shall carry out a daily visual inspection of emission into surface water. The record of inspection shall be kept and be available to the competent authority for inspection.

7.3.4. Monitoring of waters discharged to surface waters shall be carried out as set out in Table 3.2.1 of Annex 3.2 on Monitoring Emissions into Surface Waters. The report shall constitute a part of the Annual Emission Report. The Operator shall sample and monitor the drainage ditch {specify} at a {specify} frequency.

7.3.5. There shall be no emission into water from the Permitted Installation of any substance prescribed for water for which no limit is specified in Table 3.1.2 of Annex 3.1 (except in a concentration which is no greater than the background concentration).

7.3.6. In the event of any indication of pollution, the operator shall:

a) Immediately conduct the investigation in order to identify and isolate source of pollution.

b) Prepare measures for prevention of pollution and reduction of consequences if such pollution occurs.

c) Notify the competent authority and the inspectorate in the shortest time possible.

7.4. GROUNDWATER AND SOIL

7.4.1. It is not permitted to discharge any polluting matter into soil or groundwater beneath the site.

7.4.2. Means for protection of groundwater and soil

The operator shall also carry out the following measures:

a. The first test of impermeability of the bund shall be completed by (dd/mm/yy).
b. Loading and unloading of liquids and other matters which may affect groundwater shall be carried out in areas designated for that purpose in the request and protected against leaks or spills.
c. All joints and valves for transport of all materials, except for clean water for which there is no foreseen manner for containment of discharge, shall be regularly checked (weekly visual inspection).
d. All such inspections shall be documented and records shall be kept at the site and shall be available to authorised persons for inspection.

CONDITION 8 - WASTE MANAGEMENT

8.1. Disposal and use of waste shall be carried out only as set out in Table 4.1.1 of Annex 4.1 on Hazardous Waste for Disposal/Treatment and Table 4.1.2 of Annex 4.1 on Other Waste for Disposal/Treatment in this permit. Other types of waste, except for the ones specified in the tables shall not be disposed/treated at the site or outside the site without prior notification of the Ministry and granted written approval from the Ministry. (If hazardous and non-hazardous waste is not stored or treated at the site, it is necessary to write in the adequate annex "waste is not treated/disposed of at this site").

8.2. The Operator shall, subject to the conditions of this Permit, handle and store waste as described in the documentation specified in Table 4.2.1 of Annex 4.2 on Waste storage or as otherwise agreed in writing by the Competent Authority. Waste shall not be stored onsite for a period longer than 1 year if it is designated for disposal or longer than 3 years if it is designated for recycling/treatment.

8.3. Waste removed from the site for disposal/treatment shall only be transported by an authorised contractor which possesses the respective permits/licences. The Operator shall, subject to the conditions of this Permit, recover and dispose of waste as described in the documentation specified in Table 4.3.1 of Annex 4.3 on recovery and disposal, or as otherwise agreed in writing by the competent authority.

8.4. Amendments of agreement, classification, treatment and disposal requirements shall be made only with a prior agreement by the competent authority.

8.5. Packaging, labelling shall be done in accordance with the national legislation in force, national, European and other standards.

8.6. Mixing of hazardous waste from one category with hazardous waste from another category is not allowed, unless approved by the competent authority in writing.

8.7. All records related to waste management shall be available for inspection by the competent authority. These records shall, as a minimum, contain the following:

a) Quantity and EWC codes for the waste in *Table* 4.1.1 of Annex 4.1 on Hazardous Waste for Disposal/Treatment and Table 4.1.2 of Annex 4.1 on Other Waste for Disposal/Treatment in this permit
b) Name of the waste collector and carrier and details of their licences (including the issuing authority)
c) Details about the installation for final disposal/treatment of waste and conformity of the installation for the disposal/treatment of consigned waste, licence details and details on licence issuing authority
d) Written confirmation of acceptance and disposal/treatment of each consignment outside the site
e) Details on every consignment abroad for the purpose of treatment designated as "Green" pursuant to the Regulation EEC No. 259/1993 and its amendments. Justification for classification shall form an integral part of the documentation.

f) Data on all rejected consignments
g) Details on all approved mixings of waste in accordance with the condition 8.6

8.8. A copy of the documentation on waste management shall be delivered to NEA competent authority as a part of the Annual Environmental Report.

CONDITION 9 – NOISE AND VIBRATION

9.1. The Operator shall propose frequency, methodology, time of measurements.

9.2. Documentation on conditions and results of measuring shall be available for inspection by the competent authority or the environmental inspectorate at all reasonable times. Summary report on these records as set in Table 5.1.1 of Annex 5.1 shall be the part of Annual Environmental Report.

9.3. Activities on the site shall not result in increased noise levels or exceed the following values (Leq, t)

Day: _____dB (A)

Evening: _____dB (A)

Night: _____dB (A)

9.4. The operator shall prevent generation of impulse noise on the sites vulnerable to noise during the operation of installations.

9.5. The operator shall _____(specific conditions for vibrations/blasts).

CONDITION 10 - RAW MATERIALS AND ENERGY UTILIZATION

10.1. The operator shall conduct audit of energy efficiency within one year following the issuance of this permit. The operator shall consult competent authority on the nature and scope of the audit and develop an audit program. The program shall be submitted to the competent authority for approval at least one month prior to its conduct. Copy of the audit report shall be made available to the competent authority on the site, and the summary of its findings shall be submitted as part of the Annual Environmental Report. Audit of energy efficiency shall be conducted according to intervals determined by the competent authority.

10.2. The operator shall identify every possibility for improving energy efficiency and the recommendations shall be made part of goals and tasks defined in Condition 2.

10.3. The operator shall identify potential for reduction of amount of water used on the site. The Operator shall submit detailed report on progress and proposals for reduction of used water and release of waste water to the competent authority, as a part of the Annual Environmental Report.

10.4. The operator shall prepare evaluation of the efficiency of the utilization of raw materials in all processes, with particular emphasis on the reduction of generated waste.

CONDITION 11 – MONITORING

11.1. Operator shall perform sampling, analysis, measurement, testing and calibration of equipment, as it is defined in the below Annexes:

Annex 1.2: Monitoring of emissions to air
Annex 2.2: Monitoring of emissions to sewer
Annex 3.2: Monitoring emissions into surface waters

11.2. If the possibility of measuring of a parameter is affected by mixing before the emission, that parameter shall be measured before the point of mixing, upon obtaining written approval of the competent authority.

11.3. All automatic monitors and sampling devices shall be operable at all times (except during maintenance and calibration) during the operation of an installation, except in cases when the competent authority approved alternative sampling or monitoring. In case of failure or malfunction of any device for continuous monitoring, the operator shall inform the competent authority as soon as possible and set up an alternative device. The use of alternative equipment outside of emergency cases is possible only upon obtaining written approval of the competent authority.

11.4. Equipment for monitoring and analysis shall be used and maintained as to accurately show emissions and/or releases.

11.5. Change of frequency, method and scope of monitoring is possible only upon obtaining written approval of the competent authority, based on the analysis of testing results.

11.6. The operator shall enable safe and permanent access to enable all sampling and monitoring to be carried out in relation to the emission points related to:

a) Emission into air
b) Effluents after leaving installations
c) Sources of noise on the sites
d) Locations designated for waste disposal on the site
e) Emissions into surface waters

11.7. The operator shall ensure safe access to all other monitoring points upon request of competent authority.

11.8. The sampling and analysis shall be carried out as given by ISO standards.

CONDITION 12 – DOCUMENTING AND REPORTING TO THE COMPETENT AUTHORITY

12.1. The operator shall keep records on all instances of sampling, measurement, testing, calibration and maintenance of the monitoring equipment according to the requirements set out in the permit.

12.2. The operator shall compile and keep records of every incident which may affect regular operation and could represent a danger to the environment.

12.3. The operator shall prepare report on every complaint concerning the environment which is related to the operation of the installation. Each report shall contain information on the time and date of complaint, name of the complainant and the nature of complaint. The operator shall also keep a copy of responses to each complaint. Within a month following the receipt of complaint, the operator shall submit a report on complaint to the competent authority. Summary on the number and nature of complaints shall be included in the Annual Environmental Report.

12.4. The form of the report shall meet the requirements set out by the competent authority. They should be kept on the site for at least (____) years and made available for inspection.

12.5. Reports on all records, instances of sampling, measurements, analysis, calibration and maintenance as set out in the Table 6.1.1 of Annex 6.1 Documenting and Reporting to the Competent Authority shall be submitted to the competent authority no later than (date and format of the report).

12.6. Upon request of the competent authority, the operator shall also submit environmental information related to this permit electronically via computer system of the competent authority.

12.7. All reports shall be approved by the general manager of the installation or technical manager authorized by the general manager of the installation.

12.8. Written descriptions of procedures for control of operations which may be related to the permit shall be made available to authorized officers of the Inspectorate or competent authority on the site at all reasonable times.

12.9. Depending on the results, the competent authority may change the frequency and the scope of the reporting.

CONDITION 13 - INCIDENTS AND RESPONSES DURING EMERGENCIES

13.1. Within (____) months following granting of this permit, the operator shall adopt a policy on prevention of accidents, especially those which may impact the environment.

13.2. Within (____) months following granting of this permit, the operator shall define procedures for responding to emergencies, which shall include every dangerous situation which may develop on the site. These procedures should include measures aimed at minimizing impact of these situations on the environment.

13.3. Policy and procedures shall be appraised on annual basis and amended as needed.

13.4. Operator, during the establishment of an accident prevention policy, shall take into consideration the provisions of the Law "On Environmental Protection" especially the environmental liability provisions.

CONDITION 14 - DECOMMISSIONING, REMEDIATION AND CONTROL AFTER CESSATION OF OPERATIONS

14.1. Within (_____) months from the date of granting of this permit, the operator shall prepare and submit to NEA for approval a fully detailed and costs determined plan for decommissioning or closure of the installation.

14.2. Plans for decommissioning and remediation shall be revised on annual basis and submitted for approval to NEA.

14.3. Upon a shutdown of the installation or part of it for more than (_____) months or planned cessation of operations of entire installation or part of it, the operator shall perform remediation according to the plan as approved by NEA.

14.4. Insurance or Bank Guarantee aiming the preliminary provision of funds for damage compensation in compliance with the respective methods and procedures defined by the Council of Ministers for the provision of such funds.

ANNEX 1.1 - EMISSIONS TO AIR

TABLE 1.1.1: Emission points into air	
Reference number of emission point:	A1
Location of emission point (Use Coordinate System Gauss–Krüger: 1942_GK_ZONE_4):	X: Y:
Source	
Emitted amount: daily maximum:	m^3
Maximum flow in one hour:	m^3/h
'Minimum height of discharge:	m above the ground

Repeat for other emission points

TABLE 1.1.2: Emission limits into air		
Parameters	Emission Point reference A1-1	
	Until (date)*	From (date)**

* ELVs before implementation of the Compliance Plan

** ELVs based on BAT achieved after implementation of the Compliance Plan

Add rows and/or columns if necessary
For each emission point separate table

ANNEX 1.2 - EMISSIONS INTO AIR - Control of Reduction/Treatment

TABLE 2.2.1 - Monitoring of parameters from emission point(s)		
Parameter	Emission point (A1-1)	Methods/techniques
	{Specify frequency }	_
	{Specify frequency }	_
	{Specify frequency }	_

One set of tables for emission reduction equipment at every emission site
If the emission point is covered by the compliance plan, the table should be remade with the addition of new conditions. Indicate the date on which new conditions came into force.

ANNEX 2.1 - EMISSIONS TO SEWER

TABLE 2.1.1 Emission points into sewer		
Reference number of emission point:	S1	
Coordinates of emission point (Use Coordinate System Gauss–Krüger: 1942_GK_ZONE_4):	X: Y:	
Source		
Sewer		
Emitted volume	Daily maximum	m^3
	Hourly maximum	m^3

TABLE 2.1.2 Emission limits into sewer		
Parameter	Emission point S1	
	Until (date)*	From (date)**
Flow (m3/h)		
pH		
Temperature (°C)		
Toxicity		

* ELVs before implementation of the Compliance Plan

** ELVs based on BAT achieved after implementation of the Compliance Plan

Add rows and/or columns if necessary
For each emission point separate table

ANNEX 2.2 - EMISSIONS TO SEWER - Monitoring

TABLE 2.2.1 - Monitoring requirements for sewer (from dd/mm/yyyy)		
Parameter	Emission point (S1)	Methods/techniques
	{Specify frequency }	-
	{Specify frequency }	-
	{Specify frequency }	-
Dissolved oxygen		-
Ammoniac nitrogen as N mg/l		
Daily flow m3		
Maximum flow rate m3/hour		-
Organic phosphorus Compounds		-

One set of tables for emission reduction equipment at every emission site
If the emission point is covered by the compliance plan, the table should be remade with the addition of new conditions. Indicate the date on which new conditions came into force.

ANNEX 3.1 - EMISSIONS INTO SURFACE WATERS (OTHERS THAN EMISSIONS TO SEWER

TABLE 3.1.1: Emission points into water	
Reference number of emission point:	W1
Coordinates of emission point (Use Coordinate System Gauss–Krüger: 1942_GK_ZONE_4):	X: Y:
Source	
Received Water	
Flow:	
Daily Maximum:	m3/h
Hourly Maximum:	m3/h

TABLE 3.1.2 Emission limits into surface waters		
Parameter	Emission point W1	
	Until (date)*	From (date)**
Flow (m3/h)		
pH		
Temperature (°C)		
Toxicity		
PE		

* ELVs before implementation of the Compliance Plan

** ELVs based on BAT achieved after implementation of the Compliance Plan

Add rows and/or columns if necessary
For each emission point separate table

ANNEX 3.2 - EMISSIONS INTO SURFACE WATERS (OTHERS THAN EMISSIONS TO SEWER – Monitoring

TABLE 3.2.1 - Monitoring of parameters from emission point(s)		
Parameter	Emission point (W1)	Methods/techniques
	{Specify frequency }	-
	{Specify frequency }	-
	{Specify frequency }	-

** One set of tables for emission reduction equipment at every emission site*

** If the emission point is covered by the compliance plan, the table should be remade with the addition of new conditions. Indicate the date on which new conditions came into force.*

ANNEX 4.1 - WASTE MANAGEMENT - Disposal/Treatment

TABLE 4.1.1 Hazardous Waste for Disposal/Treatment				
Waste	Catalogue number	Further treatment on the site	Reuse, recycling or treatment on the site	Method of disposal/treatment off site

Add rows if necessary

TABLE 4.1.2 Other Waste for Disposal/Treatment				
Waste	Catalogue number	Further treatment on the site	Reuse, recycling or treatment on the site	Method of disposal/treatment off site

Add rows if necessary

ANNEX 4.2 - WASTE MANAGEMENT – Storage

TABLE 4.2.1 : Waste stored on site			
Description of Waste	Location of Storage on Site	Manner of Storage	Storage Conditions

Add rows if necessary

ANNEX 4.3 - WASTE MANAGEMENT – Recovery and Disposal

Table 4.3.1: Waste recovery and disposal		
Description	Document	Date Received

Add rows if necessary

ANNEX 5.1 - NOISE

Table 9.1.1 Noise limit values				
Location	UTM Coordinates (system)	Noise limit value dB(A) Leq, T Day	Noise limit value dB(A) Leq, T Evening	Noise limit value dB(A) Leq, T Night
	X Y			
	X Y			

If the emission point is covered by the compliance plan, the table should be remade with the addition of new conditions. Indicate the date on which new conditions came into force

ANNEX 6.1 – RECORDING AND REPORTING TO THE COMPETENT AUTHORITY

Table 6.1.1. Recording and Reporting

Submit completed reports to:

Address:

Reports	Frequency of Reporting	Report Submission Date
Monitoring emissions into atmosphere		
Monitoring emissions into waters		
Surface water		
Complaints (if any)		
Proposal for pollution release register		
Noise monitoring program		
Environmental management program with annex on goals and tasks		
Annual Environmental Report		

ANNEX 6.2 CONTENTS OF ANNUAL ENVIRONMENTAL REPORT

TABLE 6.2.1 - Contents of Annual Environmental Report
Environmental management program– report
Pollution release register – report for the previous year
Pollution release register – proposal for current year
Summary report on results of noise monitoring
Overview of environmental monitoring
Overview of noise monitoring
Overview of incidents
Report on testing of tanks and pipelines
Summary report on audit of energy efficiency, including report of combustion for each boiler in the installation, conducted by an authorized person
Report on estimated efficiency of the utilization of raw materials and reduction of waste generation
Documentation on waste management
Report on progress and proposals for reduction of water consumption and waste water discharge
Statement on measures for prevention of environmental pollution and remediation actions (environmental liability)
Overview of risk assessment in terms of environmental liability (every three years or more frequently if rendered necessary by the conditions at the site)
Other reports required by the competent authority