



REPUBLIC OF NAMIBIA

MINISTRY OF ENVIRONMENT, FORESTRY AND TOURISM

DIRECTORATE OF ENVIRONMENTAL AFFAIRS

ENVIRONMENTAL AUDIT - (SELF AUDIT QUESTIONNAIRE)

Please Take Note:

1. All questions are mandatory and thus must be fully completed
2. knowingly providing false or misleading information is an offence as in terms of Section 43 (1) of the Environmental Management Act, Act No. 7 of 2007.

Activity: Renovation and operation of the existing Usakos animal abattoir in the Usakos district, Erongo Region, Namibia

1. OVERVIEW AND GENERAL INFORMATION

a) Name of the unit and complete address	Usakos Abattoir, Usakos District, Erongo Region, Namibia
b) What are the main activities carried out on site?	Slaughtering and processing livestock including cattle, sheep, goats, and pigs.
c) Number of people employed on site (temporary + permanent)	Employment varies, including temporary (renovation) and permanent (operation) staff.
d) Is a copy of the site layout plan available?	It's an existing facility that was built in the colonial era. Site layout plans are not available, but images of existing infrastructures are included in EMP figures.
e) Are there any other projects in the area having similar activities?	None reported in the immediate vicinity.
f) Environmental Clearance Certificate (ECC) Number and date issued (if available)	As indicated, the site was built during the apartheid era, therefore the ECC is not available

2. SITE HISTORY AND DETAILS

a) When was the facility established?	The facility was established/constructed pre-independence under the apartheid regime. An exact date is not known.
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b) Who owns the facility/industry?	Facility belongs by the Usakos town Council leased to Xeva Investment CC.
c) Who owns the land and what is the type of the land?	Land owned by: Usakos Town Council. The land is zoned as Industrial/Business erven.
d) Is the land ownership/lease document available?	Yes
e) What is the total land area?	2.4 hectares
f) What was the previous land use of that area (commercial, residential, industrial or agricultural)?	Industrial (abattoir).
g) Does the facility have any citations or complaints pending against it?	None
h) Has there ever been any major accidents on-site?	None

3. PROCESS REVIEW	A	N/A	Comments
a) Give a detailed description of the production process.	X		Livestock received, slaughtered, dressed, and chilled for distribution.
b) Total production capacity of the plant/ project in terms of tonne per annum	X		The abattoir is anticipated to handle and/or slaughter; 14 400 heads of pigs, 4800 heads of Sheeps, 4800 heads of goats and 4800 heads of cattle annually
c) What are the inputs required in the production process (preferably in the form of a list containing name, amount/quantity required and their price?	X		Water, electricity, cleaning agents, diesel.
d) What are the outputs produced (including pollutants) and their quantities?	X		Processed meat, wastewater, solid waste, odour.
e) Provide a list of all the machinery and utilities used on-site along with their capacities number, energy	X		Slaughter equipment, cold rooms, pumps, backup generator.
f) consumption and time in use.			Periodically per equipment maintenance plan.
g) How often is maintenance work carried out on-site?		X	This facility is currently dormant (not operational), this will be determined during renovation and operation phase
h) Does any recycling/reuse of material take place on-site?		X	No active reuse but water recycling is under consideration.

4. LICENSE AND PERMITS	A	N/A	Comments
a) Does the facility have a valid factory license? If not, has the facility applied for it? Is a copy of the application form available?		X	Factory license to be obtained post approval
b) Does the facility have a valid Consent to Operate (CTO) certificate? If not, has the facility applied for it? Is a copy of the application form available?		X	
c) Does the facility generate hazardous waste? If it does, does the facility have authorization for storage, handling and transportation of hazardous waste as per the Hazardous Waste (Management and Handling) Rules? If not, has the facility applied for it? Is a copy of the application available?		X	minimal hazardous waste expected,

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5. AIR EMISSIONS	A	N/A	Comments
a) What are the sources of stack and fugitive emissions in the facility?		X	The sources of emissions will possibly come from Diesel generator, odor from processing, even though negligible, however this is will only be during operation phase and have been addressed in the EMP
b) Has stack and ambient monitoring carried out?		X	No monitoring yet; to be implemented
c) Does emissions meet standards specified in the CTO certificates?		X	To comply with Namibian and international standards post-approval.
d) Are monitoring records/reports maintained?		X	Not currently applicable.
e) What are the air pollution control device that has been installed?		X	Not yet installed.
f) What is the frequency of cleaning and maintaining the air pollution control device?		X	Not applicable.
g) Are site processes and operations free of significant fugitive air emissions?		X	Operations are designed to minimize fugitive emissions.

6. Water consumption and wastewater generation

6.1 Freshwater	A	N/A	Comments
a) What is the source of freshwater? Is it metered or not?	X		Municipal supply from Usakos Town Council.
b) How many boreholes are installed in the site?			None.
c) How many flow meters are installed in the plant? What are their readings?			To be installed post-approval.
d) Schematic of a raw water treatment plant and DM plant e.g Sceptic tanks, filtering systems etc			Septic tank system proposed.
e) Latest groundwater quality test reports			No groundwater use; thus no tests.
f) Specify average daily water consumption of the entire plant and in township/colony (m3/day):			Not available yet.
g) Has the plant / activity studied the impact of its water consumption on respective surface water source and/or groundwater table?		X	
h) Break-up of average freshwater consumed for last two financial years?		X	
i) Specific water consumption values for last two financial years (in m3/tonne or m3/Mwh, etc.):		X	No activity have begun yet, this data will be collected during operation phase
j) Chemicals used in water treatment plant with quantity and price:		X	No activity have begun yet, this data will be collected during operation phase
k) What is the capacity of the demineralization (DM) plant? What is then average quantity of water treated in DM plant (m3/day)?		X	No activity have begun yet, this data will be collected during operation phase
l) Does the plant/ project have rainwater harvesting (RWH) system? If it does, is it rooftop, paved or unpaved?		X	Rainwater harvesting not planned.
m) Method of harvesting rainwater—Storage in artificial tanks/recharge into the pit/ trench/well		X	Rainwater harvesting not planned.
n) Total rainwater harvesting potential of the plant		X	Rainwater harvesting not planned.
o) Rainwater harvesting potential of the site developed by the plant:		X	Rainwater harvesting not planned.
p) Total rainwater harvesting done by the plant		X	Rainwater harvesting not planned.

q) Frequency of monitoring of the groundwater quality and quantity (pre- and post-monsoon) and frequency of cleaning the rainwater harvesting catchment/storage system		X	Rainwater harvesting not planned.
r) How is the harvested rainwater utilized by the plant/ project?		X	Rainwater harvesting not planned.
s) Key measures taken by the plant/project for water conservation in the past three years and water saving achieved in terms of m3		X	

6.2 Wastewater	A	N/A	Comments
a) Schematic diagram of an Effluent Treatment Plant (ETP) and Sewage Treatment Plant (STP) along with their capacities (attach)		X	
b) Latest laboratory test reports of ETP and STP inlet/outlet streams		X	Not available (to be implemented post approval)
c) Does the plant/ project have separate ETP for its different products?		X	
d) Total effluent generated by plant/ project (including all products) in last two financial years		X	T
e) Total sewerage generated by plant/ project and colony in last two financial years		X	
f) Provide the details of wastewater generation and recycling in the entire facility		X	
g) Does the plant/ project monitor the impact of wastewater on the receiving waterbody/ land?		X	
h) What is the total number of outlets for effluent discharge from the plant/ project?		X	
i) Name of WTP unit/s (filtration unit/softening unit/reverse osmosis plant etc.) and its capacity and average quantity of water treated in filtration plant (m3/day)		X	

7. NOISE POLLUTION	A	N/A	Comments
a) Does the facility have a valid factory license? If not, has the facility applied for it? Is a copy of the application form available?		X	

8. FUEL CONSUMPTION	A	N/A	Comments
a) List the different type of fuel used in different areas of the plant/ project			Diesel used for backup generator.
b) Quantification of fuel used in each process and its calorific value			Usage will depends on operations.
c) How is the industry storing the different types of fuel?		X	
d) If they are using:			
Gas—Is the supply regular? If not, mention the number of hours.		X	

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Biomass —Is it available for the entire year?		X	
Coal —Are they using low ash coke or high coke and the supply is regular or not?		X	
9. CHEMICAL HANDLING AND STORAGE	A	N/A	Comments
a) What are the various types of chemicals stored on-site?		X	
b) Is a list of chemicals available?		X	
c) How are chemicals transported?		X	
d) What kind of containers are there for storing the chemicals?		X	
e) Are there any above or underground chemical storage tanks on-site?		X	
f) Are any of the chemicals toxic or harmful? How many of them are hazardous?		X	
g) Are all the chemicals labelled?		X	
h) Are the chemical containers' lid closed after use?		X	
i) Are records of chemicals and dyes usage maintained in the logbook?		X	

10. SOLID AND HAZARDOUS WASTE MANAGEMENT	A	N/A	Comments
a) What kinds of solid waste are generated on-site?		X	None at the moment but the following wastes area anticipated post approval: Animal waste, packaging, general refuse.
b) What is the quantity of solid waste generated?		X	
c) How is the solid waste disposed of?		X	See EMP
d) Is any of the waste reused or recycled?		X	
e) What are the sources of hazardous waste generation on-site?		X	
f) What is the quantity of hazardous waste generated?		X	
g) How is the hazardous waste disposed of?		X	
h) Are hazardous waste disposal records maintained?		X	
i) Are any of the hazardous wastes treated on-site?		X	No on-site treatment planned.
j) Where are the hazardous wastes stored before disposal?		X	Temporarily stored in sealed bins in accordance to National and International standards

11. OCCUPATIONAL HEALTH AND SAFETY	A	N/A	Comments
a) Does the facility have a site emergency plan?		X	An Emergency preparedness and Response Plan will be developed post approval before commencement of renovations
b) If yes, then has this plan been documented?		X	
c) What are the recognized hazards in the facility?		X	See EMP
d) Are fire extinguishers available in the facility?		X	Will be made available during renovation phase and operation phase
e) What type of fire extinguisher is available?		X	Will be made available during renovation phase and operation phase
f) Are the fire extinguishers functional?		X	
g) Are facility personnel trained in its use?		X	
h) Is personal protective equipment (PPE) available for use?		X	Will be made available during renovation phase and operation phase
i) Do the workers use PPE?		X	
j) Are health check-ups for workers conducted?		X	Will be conducted before start of renovation phase, post approval
k) Do the workers know whom to contact in case of an emergency?		X	
l) Has any accident ever occurred on-site?		X	

Declarations

I Donald Doeseb (full name of **PROPONENT**) understand and agree that the information that I have provided in this questionnaire will be used by the Environmental Commissioner. I accept that the Environmental Commissioner will hold me accountable for any inaccurate or misleading information knowingly provided in this questionnaire, and acknowledge that the provision of such information will impede the lawful carrying out of the responsibilities and functions of the Environmental Commissioner.

I declare that the information that I have provided in this questionnaire is to the best of my knowledge, true and

Reliable.

Signature: 

Date: 08/04/2025

Initials: DD