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APPLICATION TO DISCHARGE INDUSTRIAL EFFLUENT

PERMISSION IN TERMS OF REGULATION 42 (2) OF NOTICE NO. 312 SEWERAGE AND DRAINAGE REGULATIONS OF THE CITY OF WINDHOEK, TO DISCHARGE INDUSTRIAL EFFLUENT INTO THE CITY OF WINDHOEK'S SEWER AND SURROUNDING ENVIRONMENT

I (full name) _____ the undersigned, duly authorized to act on behalf of
_____ (herein referred to as the applicant), hereby apply for
permission to discharge industrial effluent into the public sewer system on the basis of the information
set out below.

Firm Name: _____

PART I: Business Details

1. Nature of the industry or business concerned and year of registration

2. Physical Address: _____
3. Name of Representative and telephone number: _____

4. Total area of the business: _____
5. Name of owner(s): _____

PART II: Information relating to employees

1. Total number of employees: _____
2. Number of 8 hour shifts per day: _____
3. Number of days worked per week: _____
4. Total number of hours worked per week: _____
5. Is there a separate pipeline for domestic effluent: _____

PART III: Information relating to activity

1. Type of products manufactured/produced:

2. Sort of raw material used:

3. Type of packaging used:

4. Brief description of the process where effluent stream will be produced (attach a process flow diagram where necessary)

5. Is there cooling or boiling applied? Yes/No _____

6. What are the by products and/waste products produced during processing?

7. How are these waste products disposed? /Reused if any?

8. Which types of chemicals are used during processing?

9. Are there special instructions for their use and handling (SOPs/MSDS)

PART IV: Water consumption

1. Average monthly quantity of water purchased from the City of Windhoek _____ kiloliters.

***NB. In case of an established business/industry attach copies of latest water balance assessment and water account.**

2. Average monthly quantity of water obtained from borehole(s) _____ kiloliters.

***NB. In terms City of Windhoek's drainage regulation a meter measuring the total quantity of water drawn from any natural source and used on the property must be installed.**

3. Total monthly average of water in product: _____ kiloliters.
4. Monthly average of water used as boiler make-up: _____ kiloliters
Does boiler blowdown enter the sewer? Yes/no
Quantity _____ kiloliters.
5. Monthly average water used as cooler make up: _____ Kiloliters
6. Specify other non-effluent uses: _____ kiloliters

***NB. In order to qualify for non-effluent deductions sub-meters must be installed wherever practicable. Certified quantities based on formal production records will also be considered. Such records must be available for inspection at all times.**

PART V: Effluent Quality

1. If any of the substances or their salts, specified in the table below are used or produced on the premises, a cross must be placed in the appropriate box.

Inorganic (non-metallic)	Cyanide	Sulphides	Sulphates	Nitrates	Bromine	Fluoride	Chlorine	Ammonia	Phosphorus
Metals (group 1)	Cadmium	Chromium	Cobalt	Copper	Iron	Manganese	Nickel	Zinc	Boron
Metals (group 2)	Arsenic	Lead	Mercury	Selenium	Silver				
Other	Starch/ Sugar	Grease/oil /Fats	Tar/tar products	Synthetic detergents/ Surfactants	Volatile organic Solvents-VOCs	Radioactive Substances			
Other (attach detail list)									

2. Indicate expected values of the following parameters
Maximum temperature of effluent: _____ °C.
pH value _____
Conductivity: _____ mS/m
Suspended Solids: _____ mg/l
Chemical Oxygen Demand: _____ mg/l

PART VI: Effluent Discharge

1. New or Existing discharge? _____
2. Approximate effluent discharged, if known _____ kiloliters
3. Discharge time, if limited, (e.g. 10 am – 2pm, overnight or once per month) _____
4. Where are you discharging:
 - a. River
 - i. Name of River _____
 - b. Drain
 - c. Septic Tank
 - i. Size of tank _____
 - ii. Frequency of emptying _____
 - iii. Discharge Point _____
 - iv. Service provider _____
 - d. Ponds
 - i. Oxidation ponds
 - ii. Evaporation ponds
 - e. Other (please elaborate) _____

5. Is there any type of wastewater treatment on the premises? Yes/No _____
6. If yes, what type of treatment?

7. Presence and description of sampling chamber.

Conditions of Acceptance of Industrial Effluent

This application shall only be granted on the applicant's undertaking as he/she is by virtue of his/her signature hereto appended deemed to do , to observe the following terms and conditions and any further conditions which the City of Windhoek may deem fit to impose in any particular case:

1. The applicant shall annex hereto descriptions and statement of dimensions of grease/oil traps, screens, dilutions and neutralizing tanks and other provision made by him/her for the treatment of the industrial effluent before it is discharged to the sewer.
2. The applicant shall submit to the City of Windhoek, if requested, plans showing the reticulation system on his/her premises for water and industrial effluent.

