# Department of Economic Development and Community Services

# Health and Environment Services Division

⋈ 5980 Independence AvenueWINDHOEK, NAMIBIA



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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

	name)the undersigned, duly authorized to act on behalf of (herein referred to as the applicant), hereby apply for
	sion to discharge industrial effluent into the public sewer system on the basis of the information below.
Firm N	ame:
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 I	: Information relating to employees
1.	Total number of employees:
2.	Number of 8 hour shifts per day:
3. 4.	Number of days worked per week:  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	L. Average	e monthly q	uantity of v	water purcha	sed from the City	y of Windho	ek	kilolit	ers.
	*NB. In case of an established business/industry attach copies of latest water balance assessment and water account.								
2	2. Average	se of an established business/industry attach copies of latest water balance assessment account.  ge monthly quantity of water obtained from borehole(s)kiloliters.  germs City of Windhoek's drainage regulation a meter measuring the total quantity of two from any natural source and used on the property must be installed.  genonthly average of water in product:kiloliters.  genonthly average of water used as boiler make-up:kiloliters.  genonthly average of water used as boiler make-up:kiloliters.  genonthly average of water used as cooler make-up:kiloliters.  geno							
		Average monthly quantity of water obtained from borehole(s)kiloliters.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of r drawn from any natural source and used on the property must be installed.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of r drawn from any natural source and used on the property must be installed.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of r drawn from any natural source and used on the property must be installed.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of r drawn from any natural source and used on the source and used as boiler make-up: kiloliters.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of rake-up: kiloliters.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of rake-up: kiloliters.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of rake-up: kiloliters.  In terms City of Windhoek's drainage regulation a meter measuring the total quantity of rake-up: kiloliters.  In the city of Windhoek's drainage regulation a meter measuring the total quantity of kiloliters.  In the city of Windhoek's drainage regulation a meter measuring the total quantity of kiloliters.  In the city of Windhoek's drainage regulation a meter measuring the total quantity of rake-up: kiloliters.  In the city of Windhoek's drainage regulation a meter total quantity of kiloliters.  In terms City of Windhoek's drainage regulation a meter total quantity of kiloliters.  In terms City of Windhoek's drainage regulation a meter total quantity of kiloliters.  In terms City of Windhoek's drainage regulation a meter total quantity of kiloliters.  In terms City of Windhoek's drainage regulation.  In terms City of Windhoek's drainage regulation.  In terms City of Windhoek's drainage regulation.  In terms							
3	3. Total monthly average of water in product: kiloliters.								
4	l. Monthl	y average o	f water use	ed as boiler m	ake-up:	kiloliters			
Does boiler blowdown enter the sewer? Yes/no									
						Kiloliters	5		
6	5. Specify	other non-	effluent us	es:	kiloliters				
	Such re  F V: Effluer  I. If any o	cords must nt Quality of the substa	be availab	ole for inspect	tion at all times.				
Inorganic (non-metaliic)	Cyanide	Sulphides	Sulphates	Nitrates	Bromine	Fluoride	Chlorine	Ammonia	Phosphorus
Metals	Cadmium	Chromium	Cobalt	Copper	Iron	Manganese	Nickel	Zinc	Boron
(group 1) Metals	Arsenic	Lead	Mercury	Selenium	Silver				
(group 2)	Chaush /	Cross /sil	To 11/40 11	Compth atia	Valatila avancia	De di e e eti ve			
Other	Sugar			detergents/					
Other (attach				1 000000000			I.		
detail list)									
-	2. Indicate	o ovportody	values of th	o following n	aramotors				
<ol> <li>Indicate expected values of the following parameters</li> <li>Maximum temperature of effluent: °C.</li> </ol>									
pH value									
	Conductivity: mS/m								
		ded Solids:							
	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.									
a. River									
		i.	. Name of River						
	b.	Drai							
	c.	Sep	ptic Tank						
		•	. Size of tank						
			Frequency of emptying						
			Service provider						
	d. Ponds								
		i.	. Oxidation ponds						
			. Evaporation ponds						
	e. Other (please elaborate)								
			·· · · · · · · · · · · · · · · · · · ·						
5.	ls t	here	e any type of wastewater treatment on the premises ? Yes/No						
			· · · ·						
6.	If y	es, w	what type of treatment?						
				·					
7.	Pre	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.

- 3. The applicant shall provide a separate drainage installation for conveying industrial effluent and to discharge same into the sewer via a separate connection as directed by the City of Windhoek.
- 4. The applicant shall notify the City of Windhoek, as soon as possible after he/she becomes aware of or at least 14 days before anything is done to cause material alteration in the nature or quantity of discharge of the industrial effluent specified in this application or any of the facts stated by him/her therein.
- 5. The applicant hereby declares and warrants that the information given by him/her in this form or otherwise in connection with this application is to the best of his/her knowledge and belief in all respect correct.
- 6. The applicant agrees that the said information, being in all respects correct, shall form the basis on which the City of Windhoek grants this application.

#### Confidentiality

Please note that the City of Windhoek is a public institution and readily avails information to the public. Should you wish to claim confidentiality for your application, please enclosed a letter stating your reasons.

Signature of Applicant:

Signed at	on this	day of	20				
Capacity of applicant:							
Send the completed and signo Salatiel. Kalimbo@windhoekcc. Windhoek Town House.							
For Office Use							

