



MINISTRY OF ENVIRONMENT AND NDU

ENVIRONMENTAL GUIDELINE No. 9

INLAND HOTEL

1.0 Purpose of guideline

This environmental guideline for inland hotel has been prepared by the Ministry of Environment & NDU to ensure that all environmental issues are duly taken into consideration by stakeholders.

2.0 Nature of development

There has been a growing interest to construct inland hotels to cater for business travelers and tourists to allow them to stay in Mauritius at affordable prices. These inland hotels help to reduce pressures being exerted in the coastal zone.

3.0 Potential impacts

The major environmental issues associated with an inland hotel are noise, air pollution, generation of solid wastes, and generation of wastewater. The different aspects, impacts and nuisances related to such activities are listed below:

Activity	Aspects	Impacts/nuisances
Construction phase		
Site preparation & construction	<ul style="list-style-type: none"> - Generation of excavated soil , debris and construction wastes - Use of heavy machinery 	<ul style="list-style-type: none"> -Dumping into barelands, water bodies and drains -Dust, noise and mud -Visual impacts
Operation phase		
Day to day activities	Generation of solid wastes and generation of waste water	<ul style="list-style-type: none"> • Foul smell • Attraction of vermins, flies • Contamination of water courses
Storage of fuel for standby generator	Fuel spillage	<ul style="list-style-type: none"> • Contamination of water courses
Operation of Generators, compressors, pumps	Generation of air pollutants and noise	<ul style="list-style-type: none"> • Nuisance to nearby inhabitants
Taxi, loading and unloading of goods	Traffic implications	<ul style="list-style-type: none"> • Impact of the traffic in the region.

4.0 Siting of activity

The site shall not be located in coastal areas.

5.0 Environmental considerations / conditions

The major environmental issues are **noise, air pollution, generation of solid wastes, and effluent disposal** and the following conditions shall be observed:

- (i) All electric motors such as stand-by generator and air- conditioning devices shall be housed in soundproof enclosures to keep noise level within permissible limits as per the Environment Protection (Environmental Standards for Noise) Regulations 1997. The noise exposure limits as per the above regulation are as follows:

Industrial noise		Neighbourhood noise	
7:00 – 21:00	60* dB(A) Leq	7:00 – 18:00	60 dB(A) Leq
21:00 – 7:00	55* dB(A) Leq	18:00 - 21:00	55 dB(A) Leq
		21:00 – 7:00	50 dB(A) Leq

* A tonal character adjustment of +5 dB(A) should be applied to the measured value where the noise has a definite continuous note such as a whine or hiss.

- (ii) All gaseous emissions from the bakery shall be within permissible limits as per the Environment Protection (Standards for Air) Regulations 1998. The stack emissions standards applicable to this undertaking are:

Pollutant	Standard
(i) Smoke	Ringelmann No. 2 or equivalent opacity (not to exceed more that 5 minutes in any period of one hour)
(ii) Solid particles	200 mg/ m ³
(iii) Sulphuric acid mist or sulphur trioxide	120 mg/ m ³ as sulphur trioxide
(iv) Hydrogen sulphide	5 ppm as hydrogen sulphide gas
(v) Nitric acid or oxides of nitrogen	1 000 mg/ m ³ as nitrogen dioxide
(vi) Carbon monoxide	1 000 mg/ m ³ as carbon monoxide

- (iii) All solid wastes generated from the inland hotel shall be collected and disposed of.

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- (iv) Wastewaters shall be collected, treated and disposed of.
- (v) No nuisance by way of noise dust, air pollution shall be caused to the public and surrounding environment during site preparation, infrastructural works and during operation of the activity.
- (vi) The Department of Environment of the Ministry of Environment and NDU shall be informed in writing of the dates of commencement of works on site and operation of the activity for monitoring purposes.

6.0 Enforcement

Under Section 13 of the Environment Protection Act 2002, the enforcing agencies for the different environmental medium or pollutants are as follows:

S. No	Environmental media/ pollutant	Enforcing Agency
1	Noise, odour	Ministry of Health and Quality of Life
2	Effluents	Ministry of Public Utilities
3	Solid wastes	Ministry of Local Government
4	Air pollution	Ministry of Environment

The above-mentioned enforcing agencies shall monitor compliance with the conditions falling under their purview.

7.0 Offences

Any person who fails to comply with any regulations/standards referred to in this guideline shall commit an offence and shall:

- (i) on a first conviction, be liable to a fine not exceeding 50, 000 rupees and to imprisonment for a term not exceeding two years.
- (ii) on a second or subsequent conviction, be liable to a fine not exceeding 100,000 rupees and to imprisonment for a term not exceeding 8 years.

For further information, please contact
Information Counter,
Department of Environment,
Ground Floor Ken Lee Tower,
1, St Georges Street
Port-Louis
Tel: 203 6200-2036210
Website: <http://environment.gov.mu>
Email : menv@mail.gov.mu