



## Information paper

# Environment Protection (Industrial Waste Audit) Regulations 2008 (GN No. 255 of 2008)

**Regulations made by the Minister under sections 48 and 96 of the Environment Protection Act 2002 provide for pollution control by means of an Industrial Waste Audit and shall come into force on the 1<sup>st</sup> April 2009**

### Background

“*Industrial waste audit*” is an account of the waste generated from an industrial activity and includes keeping the record of the origin, composition, quantity and disposal routes of wastes produced.

“Waste” includes -

- (a) Any matter, whether solid, liquid, gaseous or radioactive, which is discharged, emitted or deposited in the environment;
- (b) Noise and vibration;
- (c) Any discarded, rejected, abandoned, unwanted or surplus matter, including any such matter intended for –
  - (i) Recycling, reprocessing, recovery or purification by a separate operation from that which produced the matter;
  - (ii) Sale, or
  - (iii) Export.

### Objectives

The Industrial Waste Audit Regulations 2008 have the following objectives:

- Prompt industries to adopt a proactive attitude rather than the traditional end-of-pipe approach
- Develop a sound understanding of all sources of waste streams in an industry
- Optimize use of resources
- Facilitate elimination of wastes and associated disposal problem
- Develop a waste management system and hence comply with discharge/emission regulations

- Develop a culture of industrial environmental compliance through an Environmental Management Plan (EMP) which
  - Includes adoption of clean technology and waste minimisation benefits
  - Leads to significant savings in medium to long terms
- Trigger industries to go towards international environmental standards such as ISO 14001

### **Obligations under the IWA regulations:**

Industries which are listed in the First Schedule (as per Annex 1) have the following obligations:

- Those presently in operation shall carry an IWA on their site(s), fill in and submit to the Department of Environment an IWA Form (as per Annex 2) within 3 months of the coming into force of the Regulations.
- Any future activity coming into operation on or after the 1<sup>st</sup> April 2009 falling under the First Schedule to these Regulations shall be required to carry out an IWA on its site(s) and submit to the Department of Environment an IWA Form within 12 months of operation.

Once IWA form has been duly submitted within the prescribed time frame and based on the significance of the waste generated, managed and its impact on the environment, scheduled industries will be informed whether:

- They shall submit an IWA Report within a period of 6 months, develop an Environmental Management Plan (EMP) and submit same for approval to the Director within a period of 9 months. Once the EMP has been approved, they shall accordingly implement the EMP.

In case they are requested to submit an IWA Report and EMP, they shall submit to the Director:

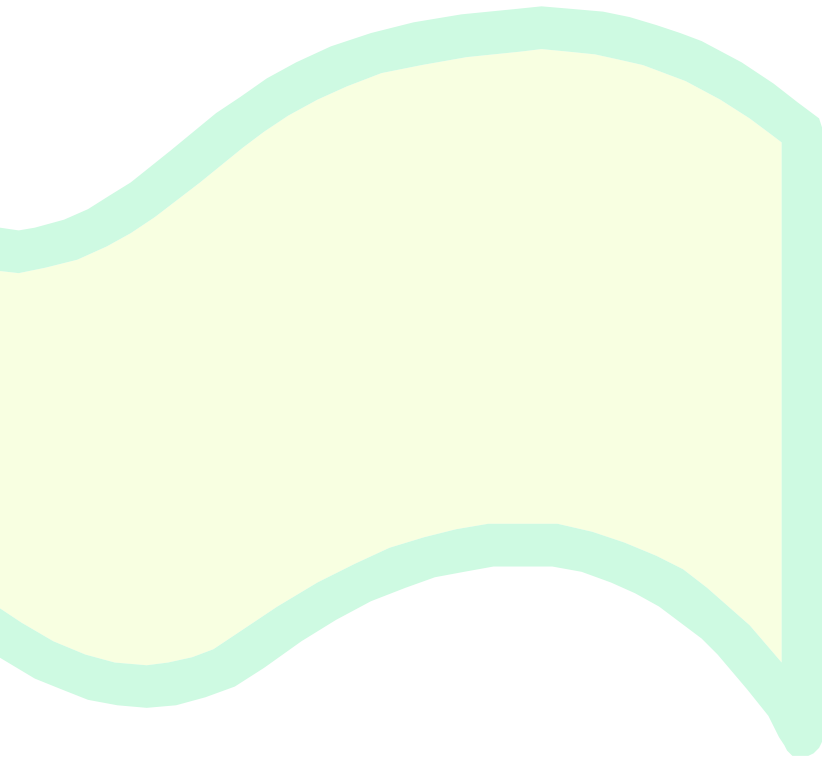
1. A progress report on the Environmental Management Plan as and when requested,
2. Ensure that at least one of his employees on each site at which an activity is held is responsible for the preparation, implementation and monitoring of the Environmental Management Plan; and
3. Inform the Director of any change in process or activity.

For ease of reference, please refer to the following flowchart indicating the process flow of IWA.

### **Penalties**

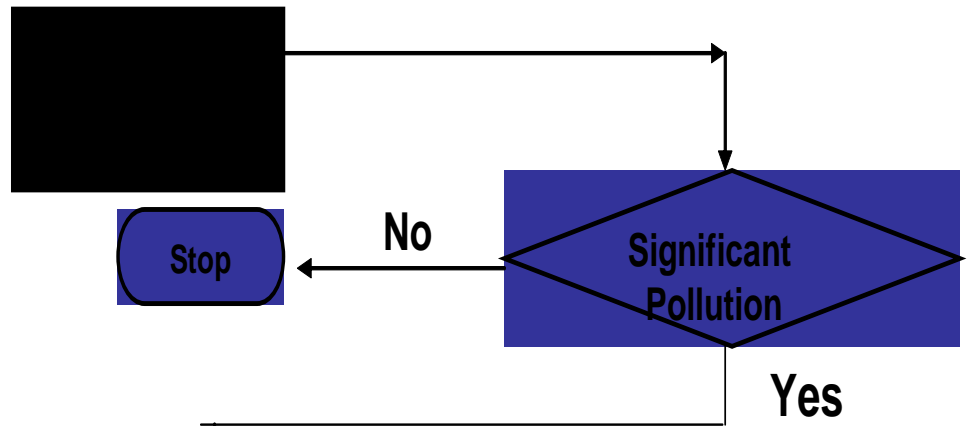
***Any person who contravenes these regulations shall commit an offence, and shall on conviction, be liable to a fine not exceeding 50,000 rupees.***

**Flow chart showing the process of  
IWA**



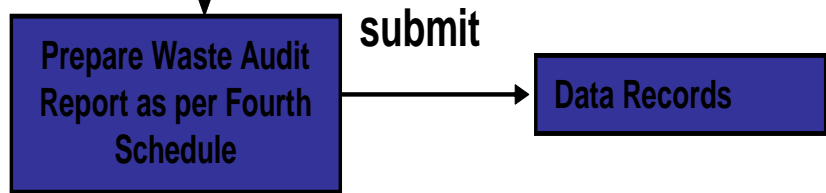
**Stage I**

(3 months- existing industries)  
(12 months- new industries)



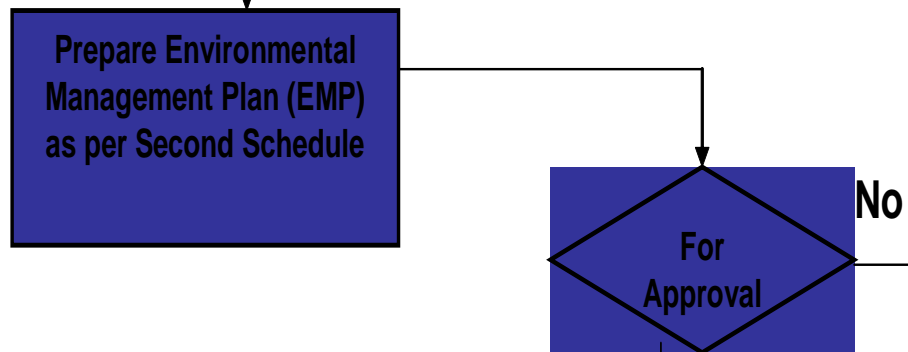
**Stage II**

(6 months)

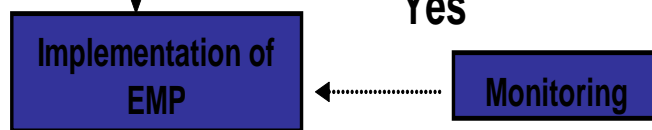


**Stage III**

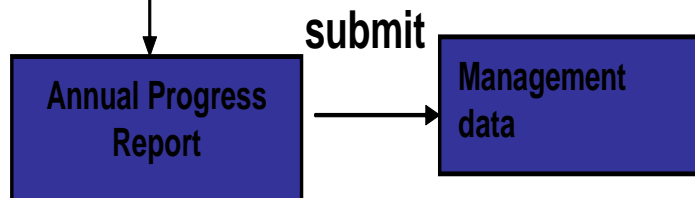
(9 months)



**Stage IV**



**Stage V**



Additional Information

The following additional information is available on the web site of the Ministry of Environment and NDU on:

- <http://environment.gov.mu> and
- <http://www.gov.mu/portal/sites/legaldb/index.htm>

- ❖ Brief of the Environment Protection (Industrial Waste Audit Regulations) 2008
- ❖ **SECOND SCHEDULE**  
Information to be included in the *Environmental Management Plan*
- ❖ **THIRD SCHEDULE**  
Industrial Waste Audit Form
  - General Information
  - Specific Information (Air, Water, Land Use, Solid Waste, Hazardous Substances used as raw materials, as listed under the dangerous chemicals control act 2004)
- ❖ **FOURTH SCHEDULE**  
Information to be included in the *Industrial Waste Audit Report*

### **Contact Details**

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Port Louis

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**LIST OF INDUSTRIAL ACTIVITIES REQUIRING AN INDUSTRIAL WASTE AUDIT**

1. Alcohol manufacturing
2. Beer manufacturing
3. Beverage manufacturing
4. Casting, smelting or metallurgical work
5. Dairy processing
6. Food canning
7. Food processing
8. Incineration of more than 200 kg waste per hour
9. Laundry processing
10. Lime manufacturing
11. Manufacturing of animal feed
12. Manufacturing of chemical fertiliser
13. Manufacturing of paint, pigment and varnish
14. Manufacturing of pharmaceutical products
15. Manufacturing of soap and detergents
16. Metal plating and galvanising
17. Monkey rearing above 500 heads
18. Rearing of livestock
  - (i) poultry production – above 500 layers or broilers
  - (ii) pig rearing – above 100 heads
  - (iii) cattle herd – above 100 heads
19. Recycling and treatment of used oils
20. Refining and processing of edible oils and fats
21. Slaughtering of bird - not less than 5000 birds per month
22. Slaughtering of cattle
23. Spirit manufacturing
24. Stone crushing activities, including block making, asphalt mix, ready-mix and basalt sand
25. Storage of solid bulk material in open air in the Ports Area
26. Sugar manufacturing and refining
27. Tanning and leather finishing
28. Textile industry associated with spinning, weaving, washing, knitting, bleaching and printing
29. Thermal power production
30. Treatment of wastewater
31. Wine manufacturing