

**GOVERNMENT OF ANDHRA PRADESH
ABSTRACT**

Safe Disposal of Hospital Waste – Amendment to Water (Prevention and Control of Pollution) Rules, 1976 – Notification – Issued.

ENVIRONMENT, SCIENCE & TECHNOLOGY (ENVIRONMENT) DEPARTMENT

G.O.Ms.No. 50

Dated. 20th September, 1994
Read the following:-

1. G.O.Ms.No. 559, HWA & U.D (M.A) Department, dt. 4-12-1976.
2. G.O.Ms.No. 46, EFES&T (Env) Dept., dt. 01.03.1993.
3. From Member Secretary, A..P. Pollution Control Board,
D.O.Lr.No: 44028/PCB/MS/91-5849, dt. 29.12.1993.

ORDER:-

In the Government Order 2nd read above, orders have been issued for constitution of a Committee with some of the Hospital Superintendents, Director of Medical & Health, Municipal Health Officer, Municipal Corporation of Hyderabad, Engineer-in-Chief, Hyderabad, Metro Water Works and Sewerage Board, Chairman / Nominee from Apollo and C.D.R. Hospitals to formulate the draft rules , draft notification for safe disposal of Hospital waste to control the spreading of Communicable diseases. Accordingly, the committee had gone through the report submitted by M/s.Indus Environ Consultants and after detailed deliberations, the Committee has finalized the draft rules for safe disposal of Hospital Waste along with the guidelines.

After careful consideration of the draft rules, Government have decided to include the draft rules in the Water (Prevention and Control of Pollution) Rules 1976 under section 64 of Water (Prevention and Control of Pollution) Act, 1974.

The following Notification shall be published in the next extraordinary issue of Andhra Pradesh Gazette.

NOTIFICATION

In exercise of the powers conferred by Section 64 of Water (Prevention & Control of Pollution) Act, 1974 (Central Act of 1974), the State Government after consultation with the State Pollution control Board, hereby make the following amendments to the Water (Prevention & Control of Pollution) Rules, 1976 issued in G.O.Ms.No.559, Housing, Municipal Administration & Urban Development (M.A) Departments, dated the 4th December, 1976 as subsequently amended.

AMENDMENTS

In the said rules:-

1. After Clause (j) of rule 2, the following clause shall be added, namely:-
“(K) ‘Health care establishment’ shall mean and include all the Hospitals, Nursing Homes, Diagnostic Centres and Laboratories irrespective of Size/Capacity/ Bed Strength”.

2. After rule 35, the following rules shall be added, namely:-

“36.All the Health care establishments shall follow the regulatory guidelines as mentioned in the Schedule V.

37. All Health care establishments having bed strength of 25 or more shall take consent for establishment and operation of outlets as per section 25 of the Act.”

3. After Schedule IV, the following Schedule shall be added, namely:-

“SCHEDULE V”
(See Rule 26)
REGULATORY GUIDELINES

The regulatory guidelines are as follows:-

01. Every health care establishment under the purview shall have a documented hospital waste management plan to deal with the waste generated in their establishments.

The wastes from the hospitals are classified into four categories:

- (a) Amputated limbs, mid-term aborted foetei and still born dead babies shall be wrapped in clean white cloth and shall be dispatched to crematoria for incineration.
 - (b) Household non-infectious waste or non-clinical waste, shall be collected in thick polythene bags and discarded like household waste.
 - (c) Clinical sharp hospital waste objects shall be collected separately in puncture proof plastic containers which shall be closed or sealed.
 - (d) Clinical hospital waste other than sharp objects shall be collected in thick polythene bags or plastic containers for disposal.
02. The clinical wastes shall be collected at the point of generation like wards, laboratories and operation theatres in plastic bags or in suitable containers.
- (a) Every waste generation point shall have two separate bins for collection of clinical and non-clinical waste. Adequate notices shall be posted on the waste collection bins and plastic bags so as to identify the category of waste. Red bins shall be lined with thick Black plastic bags for discarding clinical waste. Green bins shall be lined with white plastic bags for collecting non-clinical waste. The needles and other sharp instruments shall be collected in plastic containers or glass bottles partially filled with disinfectant solution and the bottles shall have a sign posted with ‘danger’ marked outside. These shall be closed or sealed and disposed off by incineration.”

- (b) The sealed or tied plastic bags of the clinical wastes shall be transported to the incinerator in closed wheel barrows. The plastic bags containing domestic (non-clinical) waste shall be disposed at the garbage dumping site. The garbage dumping site shall not be approachable to rag pickers and it shall be provided with asbestos roof for protection from rain.
- (c) The non clinical waste which can be re-cycled shall be collected at a separate site to reduce the quantity of material entering the waste streams. As per the regulations of Drug Control Authority of Andhra Pradesh, all the glass containers shall be broken into pieces before disposal.
03. All clinical fluids or liquid specimen before conducting of various clinical tests shall be regarded as infective material. They shall be transported to laboratory in spill proof or screw cap bottles and it shall be insured that there are no spillages.
 04. All liquid wastes such as blood and other body fluids and samples after clinical analysis shall be disinfected by a disinfectant like 1% Sodium Hypochlorite before disposal.
 05. All Clinical wastes shall be incinerated and all hospitals where the incinerators are existing shall give top priority to burn their clinical waste. Health care establishments in rural areas can opt for deep burial of clinical wastes but precautions shall be taken such that the pits dug for the purpose are far away from the ground water source and the minimum depth shall be 5 feet. In urban areas the clinical wastes shall be incinerated, the option of deep burial does not apply to the health care establishments in these areas.
 06. All clinical specimen after carrying out necessary tests shall be disposed off in a discarding jar containing suitable disinfectant. A jar half filled with sodium hypochlorite of 1% strength shall be kept at every such point of disposal. The body fluids to be discarded shall be dropped into disinfectant solution and after 6 hours, contents of the jar shall be discharged through the sink. The jar shall be disinfected with carbolic acid before reuse.
 07. In the operation theatres also, a 100 liter jar partly filled with 0.2% sodium hypochlorite solution or other suitable disinfectant solution of required strength shall be kept to be used as waste jar. All mops used for cleaning up instruments, tables or blood contaminated surfaces shall be dropped into this disinfectant solution. After, 6 hours contact, the mops shall be taken up and sent for washing to laundry and the spent disinfectant solution discharged through sinks to the sewer.
 08. In health care establishments where visible blood spills or other body fluids occur, the floor or outer areas where such spills occur, shall be cleared with appropriate disinfectant, preferably sodium hypochlorite with 0.5% available chlorine. The mixed body fluid and disinfectant shall then be removed and the surface wiped with disinfectant.
 09. The blood soaked sponges and swabs, shall be kept in a sterile bowl and carefully transferred into a plastic bag which in turn shall be sent for incineration.
 10. The radio active waste material shall be disposed off strictly as per the guidelines of Atomic Energy Regulatory Board (AERD).

11. Every health care establishment shall cover all mattresses with water proof synthetic material like rexine or plastic. This makes the disinfection of the mattresses easier. Big Auto claves of Swing jets are also advisable for disinfection of mattresses.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

D. RAMAKRISHNAIAH
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Member Secretary,
A.P. Pollution Control Board, Hyderabad.

The commissioner of Printing, Stationary and Stores Purchase, Hyderabad. He is requested to publish the above notification in the immediate next issue of A.P. Gazette to Government soon after its publication.

All the Medical Institutions of Twin Cities through Member Secretary, A.P. Pollution control Board.

The Director, Medical & Health Services, Hyderabad.

The Special Officer, Municipal Corporation of Hyderabad, Hyderabad.

The Managing Director, Hyderabad Metro Water Supply & Sewerage Board, Hyderabad.

Copy to:

Secretary to Government of India,
Ministry of Environment & Forests.

Ministry of Environment & Forests,

Paryavaran Bhavan, CGO complex, Lodi Road, New Delhi – 110 003.

The M.A. & U.D. Department,

The Health, Medical & Family Welfare Department.

The E.F.E.S & T. (Env) Department.

The Law(L) Department.

//Forwarded by Order//

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SECTION OFFICER