

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)

QIM

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Provide web link to

<https://nmbordicollege.com/Criterias/Criteria7/>

- Relevant documents like agreements/MoUs with Government and other approved agencies




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- Geo tagged photographs of the facilities
- Any other relevant information

Solid Waste: The waste generated by all routine activities including paper, plastics, glass, foods, etc. is collected at each level and source. The safai workers collect and compile the waste in the dustbins and then is taken away to the dumping yard.

- In Microbiology department biohazard waste is classified. The infectious agents or material is segregated which has potential to cause damage to public health and environment. College laboratory waste generally includes infectious bacterial agar plate, slants, broth, contaminated broken glassware, needles and other chemicals. Before disposal decontamination of biohazard material is carried out as follows.

Biohazard		Treatment Method/ Disposal method
Infectious agents	biological	Heat killing using autoclave
Contaminated broken glassware's, Used needles		Disinfectant treatment placed into biohazard container for further disposal
Media and other chemicals		Dead stock

- In the Chemistry laboratory no radioactive substances are used. If any hazardous byproducts are produced during experiments they are reused where ever is possible.
- The separated liquids are distilled and reused wherever is possible. The complete waste products are neutralized during the experimental procedures and rest of the water is allowed to flow in drainage system.
- Generally, if a computer system slows down then, it is reused and transferred to the class which might require low configuration.



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Solid Waste



Autoclave




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Treatment to Hazardous Waste



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