

GROUP 1: PRACTICAL USE OF THE GUIDELINES ON BEST AVAILABLE TECHNIQUES AND PROVISIONAL GUIDANCE ON BEST ENVIRONMENTAL PRACTICES

A) CEMENT KILMS FIRING HAZARDOUS WASTE

The wastes include: plastics, used tires, solvents, waste oil and agricultural residues

MEASURES RECOMMENDED FOR CONSIDERATION IN THE WASTE MANAGEMENT PROGRAMME

It is recommended that the a country follows the hierarchy for waste management (reduce, reuse, recycle, disposal in landfill or dumping, destruction in cement kiln).

NO.	BAT/BEP ACTIVITIES	TIME FRAME	STAKEHOLDERS
1	Legal aspects, ensure that relevant laws & polices exist for enforcement and guarantee a high level of environmental protection	At inception	Government in consultation with relevant stakeholders
2.	Communication issues and public consultation; in addition to; social responsibility with involvement of other stakeholders		Same as above
3.	Compliance with environmental, health, and safety standards	Long term (from inception to decommissioning)	Same as above

NO.	BAT/BEP ACTIVITIES	TIME FRAME	STAKEHOLDERS
4.	<p>Operational aspects: destruction of organic wastes requires; high temp, long residence time, O₂ availability and sufficient mixing time between the organic compounds & O₂.</p> <p>-Materials transport, handling and storage must be effectively monitored, and full compliance with existing regulatory requirements must be assured.</p>	Operational phase	The operator and relevant government agencies
5.	Prevention and pollution control systems (covered in the guideline as 1 ^o & 2 ^o measures)	Inception to decommissioning and beyond	Government and the operator
6.	Follow-ups (monitoring, evaluation, auditing, etc)	Operational phase to decommissioning	Government in consultation with relevant stakeholders

B: OPEN BURNING OF WASTE, INCLUDING BURNING OF LANDFILL SITES

	BAT/BEP ACTIVITIES	POSSIBLE TIME FRAME	STAKEHOLDERS
1	Waste mgt hierarchy should be considered first ie composting, reduce and reuse. Consider exporting the waste for recycling elsewhere.	At inception	Municipal
2	Ensure waste collection from households to designated sites for waste management. Segregation should be done at the source and quantities documented.		Municipality, communities
3.	Consider the materials and burning conditions (ref 1.31)		
4	Legal aspects, guiding policy and laws should be in place		
5.	Waste source and composition		
6.	Consider burying some waste after segregation		
7.	Consider location of the waste burning site should be away from sensitive areas eg schools, hospitals, highly populated areas, water sources etc.		
8.	Consider creating awareness among the general public on best environmental practices on proper waste management		
9	Incentives for people to reduce waste or any other economic instrument can be used* (not captured in the guideline)		
10	Consider the construction of an engineered sanitary landfill*	Long term	