

Waste Management for Stand 245 Atlantis

1. Amount of waste.

We estimate the following:

Plastic's 1100kg/month

Paper/Carton 300 kg/month

General Waste 1000 kg/month

2. Measure to prevent pollution.

- a. Appoint a Waste specialized business (accredited) that removes the waste. Eg. Zingari waste
- b. Closed bins for the waste.
- c. Trained personal to handle waste.
- d. Housekeeping measures.
- e. Waste disposal unit to bins.

3. Targets, measures & actions to minimize waste.

- a. Put in a reclaimer to rework any waste. (Zero waste on product)
- b. Recycling through Zingari and other subcontractors. (BEE partners)
- c. Waste reduction program with personal training.

4. Actions to Manage waste.

- a. Appoint sub-contractors that manage waste disposal.
- b. Accredited company with good track record will be appointed.
- c. Trained personal will do the management from Swartland of the contractors.
- d. Minimal Use of Municipality waste service.

5. Reduce waste by means of production design.
 - a. The factory process will be auto-mechanical done that will help with reduction of waste management.
 - b. Manage waste by installing rework's plant.
 - c. Installing Recycling machine by Sunwell Global.
6. Mechanism to inform public of the impact of waste generating products on the environment.
 - a. Our product brochure will inform the public of the waste saving measures it brings to the applications.
 - b. The product advertising on social media & other media will have the same measures of information to the public.
7. Period required for implementation of plan.
 - a. The construction period for plant and extensions will be approximately 11 Months.
 - b. Thereafter the operational waste management program will start.
 - c. The starting date depends on the approvals of the BAR and Municipality authorisations.
8. Methods of monitoring and reporting.
 - a. Our monitoring and reporting will start on factory floor level with the supervisors to the factory manager weekly.
 - b. The factory managers will report this monitoring on the monthly meeting to the executive board.
9. Waste recycling and disposal:
 - a. Sub-contractors

Our company, Zingari Waste & Recycling CC, situated in Charles Duminy Close Atlantis, provides a waste and recycling service to the Swartland Group in Atlantis which includes the following:

A full-time employee on site who separates waste material from recyclable/re-usable material. The employee is also responsible to keep the areas neat and

clean. 30m³ Bins are provided for cardboard (K4), plastic and white paper as well as bins for general waste.

When the recycling bins are full, our company collects the bins with a roll on roll off truck. At our premises the products are sorted. Plastic and cardboard is baled and once the quota per product is reached, the respective recyclers are contacted and materials are transported off site for further processing.

General waste is collected on request (minimum once per week), weighed and transported to Vissershok Landfill for disposal. No hazardous waste is stored or transported.

A 6m³ bin is provided on request for all scrap metal. The bin is collected with a roll on roll off truck for sorting and stored in a 30m³ bin. Once the quota is reached, the metals are transported off site for further processing.

We abide by legislations, strategies and policies in terms of minimising the impacts of waste on the environment as well as minimising the amount of waste disposed of at landfills. Disposal is only considered once all alternatives including recovery re-use and recycling has been considered. Our waste management license number is E13/2/10/1-A1/293-WL0043/10 and we have accreditation from the City of Cape Town.

This service can be extended to include waste and recycling generated at Erf 245 Atlantis (Swartland Insulation) with approximate weights of:

Plastic's 1100kg/month

Paper/Carton 300 kg/month

General Waste 1000 kg/month