



Consumption and Recycling Policy

Introduction

The huge pressure on environmental resources, increasing greenhouse gases, unprecedented rates of CO2 emissions, rising sea levels, pollution, overpopulation, resource waste, and land degradation affect the current and future generations. They face surmountable challenges due to climate change, resource scarcity, and waste management. AASTMT has established policies to achieve sustainable development goals, help uphold the University's Environmental Change and Social Duty Policy, and keep the surrounding society and the community in good health and safe.

The policy works to lessen negative natural effects emerging from our era of waste raising, looking to foresee, reuse, repurpose, and decrease waste from our activity. The Policy likewise plans to guarantee that AASTMT oversees squander issues as per the counteraction of contamination and consistent with natural enactment.

Scope

It is the responsibility of all employees, students, and contractors working to handle, deal with, and store all kinds of waste including hazardous Materials and other types of waste. In addition, assign the person who is responsible for these materials to dispose of them most suitably.

Aim

The AASTMT policy considers end-of-life disposal costs and environmental impacts when making acquisition decisions involving the construction of new or renovated facilities.

AASTMT receives the 'waste order' of Prevention, reuse, reusing, and other recuperation and removal. AASTMT executes cycles, methods, and activities that guarantee consistency with ecological enactment and best practice, to lessen the general waste produced and forestall waste creation at every possible opportunity. Moreover, AASTMT is committed to measuring and weighing the amount of waste generated to track the waste and to find the best methods to reduce or recycle it.

Procedures

The Waste Progressive System and Stages Incorporates:

Prevention

- Utilizing less material in the plan; keeping items for more; utilizing less unsafe material.
- Reduce landfill waste and boost the usage of reusable, biodegradable, and recyclable materials.

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RE-USE

- Getting ready for re-use; cleaning; fixing, restoring.
- Reduce the usage of single-use packaging. Reducing single-use packaging such as coffee cups and increasing the usage of reusable packaging

Recycle

- Transforming waste into another substance or item, including fertilizing the soil.
- Anaerobic assimilation – transformation to biogas for power age; burning with energy recuperation.

Disposal

- Reduce the disposal of items and use third-party landfills to bury the hazardous materials.
- Tracking the disposal items through a third party which evaluates the amount and the cost of the disposal items.

Ethical Sourcing of Food and Supplies

AASTMT is seeking to reduce food waste as much as we can. The university is committed to delivering healthy food for all parties in the university including food on Campus, Residences, and employees whether vegetarian or others. AASTMT makes sure that the food is available at each level to guarantee healthy food for AASTMT's stakeholders. However, food waste is still a problem for AASTMT. Therefore, AASTMT is applying the following policies procedures to use the waste of food appropriately:

- a. Develop a monitoring system for food donations by using food waste.
- b. Most of the food waste produced is recorded and weighed to be sent to a device that produces bio-fertilizer for the farm green areas.
- c. Some of the food waste is used to feed the animals like (dogs, and cats,)

Policy Statement

The AASTMT seeks to implement ethical and sustainable practices on all its campuses. Therefore, the AASTMT has taken crucial measures to implement these practices, such as ecological practices and corporate social responsibility. Through the exchange of information within the Academy's supply chain, these food ethics and practices enable AASTMT to ensure the transparency of information about all suppliers.

- **Trusted suppliers**

To accomplish supply chain transparency, one of the primary goals of AASTMT is to identify the most reliable and reputable partners who share the same ethical practices, objectives, and data. To accomplish ethical and sustainable practices, the first step is to identify the most suitable suppliers.

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- **Secure Relationships**

The interaction with suppliers is the second step to keep secure relationships between partners and to reduce the risk. AASTMT is seeking to build a platform and application to increase communications and share important information. That would give the suppliers and partners access to the internal systems they need based on their roles within the ecosystem, sustainability practices, and the food ethics of AASTMT.

- **Tracing the food supplies**

Through utilizing new technologies such as blockchain technology, AASTMT plays a crucial role in facilitating the monitoring and tracing of the origin of food. It allows the AASTMT to trace the origin of food and ensure its safe delivery to campuses.

- **Evaluation of the process**

AASTMT is monitoring the overall processes between its partners to guarantee healthy and sustainable food for students, staff, and Residents. Based on this monitoring, errors must be fixed, and corrective action must be taken.

AASTMT guarantees that we are conforming to guidelines, enactment, and best practices to limit the danger of prompt and future contamination or mischief to wellbeing when completing operational exercises.

Actions

- A proposition to build a Waste Management Centre throughout all AASTMT campuses to oversee every aspect of waste management within the Academy.
- AASTMT is about to build a packaging lab, this lab is aiming to act as a hub providing packaging services consultancy for Egyptian and research on the field of packaging supply chain. The materials of this lab will be extracted from the cartoon and plastic wastes from the AASTMT campus to produce packaging prototype designs.
- AASTMT has halted the utilization of 'single use' plastics nearby utilizing a blend of elective materials and the suspension of deals of plastic filtered water nearby. AASTMT is additionally introducing drinking fountains to assist with this point.
- AASTMT perceives the unfavourable effect of plastic waste, from creation through to removal. Plastic contamination can destructively affect the marine climate and the College is looking to diminish plastic use and wastage nearby. The accompanying activities have been received to advance this point with staff and understudies:
- Single-use plastics in catering (food bundling, dispensable coffee cups, cutlery) have been supplanted with compostable catering supplies in all College food outlets, to lessen plastic waste nearby.

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- AASTMT intends to keep on diminishing waste by investigating new items and administrations which will help with accomplishing decreased plastics utilization and waste.
- AASTMT will consider the hazardous materials that can be hurtful to the well-being or the climate. It incorporates irresistible organic/clinical waste, synthetics, solvents, pesticides, glaring light cylinders, refrigeration hardware containing ozone, non-eatable oils, batteries, asbestos, and paints. AASTMT will have an agreement with a third party to landfill these materials in a landfill area.
- The AASTMT will oversee, so far as is sensibly practicable, all dangerous waste exercises falling under its influence in a way, for example, to limit the mischief to human wellbeing or the climate.
- AASTMT will create and impart systems to empower workers to follow their “obligation of care” for the administration of risky wastes and screen these methods to guarantee consistency. Applying the waste administration progression with the point of limiting risky waste.

Objectives:

Waste ought to be forestalled or limited at every possible opportunity. AASTMT empowers staff, Students, and employers to limit plastic and cartoon waste, in addition to increasing awareness about the method to minimize disposable items.

Review Program

Document control	
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Policy owner:	Material Affairs and Logistics Department,
Lead contact:	Head of Facilities and Logistics Department
Approval Signature	Dean of Scientific Research and Innovation