



# NATURE SCIENCE FOUNDATION

(A Unique Research and Development Centre for Society Improvement)  
 [ISO QMS (9001:2015), EMS (14001:2015), OHSMS (45001:2018) & EnMS  
 (50001:2018) Certified and Ministry of MSME Registered Organization]  
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## APPLICATION FOR PLASTIC WASTE MANAGEMENT AUDIT TO EDUCATIONAL INSTITUTIONS AND INDUSTRIAL SECTORS

<b>Reference Number</b>	NSF/PWMA 2022/Orgn.Name/	Dated:
<b>Name of the Organization &amp; Address</b>		
<b>Date of Audit</b>		
<b>Name of the Lead and EMS Auditors</b>		
<b>Is it a new Audit (or) renewal process?</b>	New audit (or) Renewal audit, tick (√) any one. If it is a Renewal audit, mention the date of last audit:	
<b>Purpose</b>	The initiative aims to establish environment-friendly plastic waste disposal solutions. In the process it seeks to ban the use of plastic bags and plastic products, and reduce plastic littering across the state	
<b>PROCEDURE</b>		
<b>Procedure</b>	<b>Description</b>	<b>Responsibility</b>
Annual plan	Each year a plan for the plastic waste management audit is prepared by Management and to ensure that the environmental management system and ecosystem service are implemented in the campus.	Management Representative
Walk-through Audit	Based on the checklists, the plastic waste management audit is carried out in the form of observations in the campus.	Audit team
Follow-up of action	Corrective action has to be undertaken and implemented within the prescribed duration.	Plastic waste management Coordinator

Reporting and Recommendations	Submission of corrective action in the form of report in association with Eco club / Student Chapters of the Institute.	Lead Auditor ISO 14001:2015 EMS Auditor
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### I. Qualitative Measurements

S.No.	Requirements and checklists of the audit	Conformity		
		Yes	No	NA
1.	Have internal plastic waste management audit a procedures been developed and implemented in the Organization?			
2.	Have programmes for the achievement of plastic free area objectives and targets been established and implemented as on today?			
3.	Whether plastic waste management audit is being carried out periodically?			
4.	Whether Swachh Bharat Mission as per the Ministry of Housing and Urban affairs, New Delhi concepts followed?			
5.	Have responsibilities been assigned for programmes at each appropriate function and level?			
6.	Are objectives and targets documented towards plastic waste management audit periodically and any Register is made?			
7.	Signing of MoU with Govt. and NGOs to disseminate Plastic free campus motto and pledge			
8.	Are information like name, registered number, and thickness of the carry bags are known?			
9.	Are plastic waste in mixed waste and residual waste streams are monitored?			
10.	Are recycling of plastic polymers promoted among the stakeholders in the campus?			
10.	Details for assessment of handling, storage, transportation and disposal methods			
11.	Do you sell recycled plastics in the campus as the consultancy services?			
12.	Percentage of Organization's budget for environment sustainability efforts			
13.	Sufficient number of dust bins kept separately for plastics, metals, paper, hazardous, biowastes, E-wastes biomedical wastes and construction wastes			
14.	Record Register for waste disposal and Puncture proof Containers for Sharps / Blue Bags are made available			
15.	Proof of Licensed Companies signed MoU with the Organization for wastes collection as per the Govt. regulation			

16.	Norms are being followed by the Organization as per the Central and State Government Pollution Control Board			
17.	Is the plastic waste segregated at the site of generation? If not, where are they segregated?			
18.	Has a Management Representative, Plastic Waste management Specialist, laboratory staff been assigned?			
19.	Whether E-Waste management practices included in the purchase policy of electronic items?			
20.	Whether the importance Plastic wastes and their implications on environmental and personal hygiene through awareness programmes are conducted for stakeholders?			
21.	Whether plastic wastes are burnt inside the campus? Any air pollution due to plastic materials burning takes place ?			
22.	Have programmes for the achievement of plastic free area objectives and targets been established and implemented as on today?, Any display board is made in the campus?			
23.	Avoidance of plastic bags, disposal cups, plates, stirrers, forks, spoons, candy sticks, wrapping films, PVC banners in the campus			

## 2. Quantitate Measurements

S.No	Details of Particulars	Remarks	Explanation
1.	Widespread separate collection of dry recyclable materials		
2.	Widespread separate collection of biowastes and plastic wastes		
3.	Landfills/incineration bans for some materials		
4.	Toward circular economy- A zero waste programme		
5.	How many times recycled plastic are used?		
6.	Transformation of plastic into energy fuels?		

**Note:** This Audit process and Certificates are valid for three years only from the date of Audit.

**Signature of the Chairman**

**Signature of the Lead Auditor**

**Signature of the EMS Auditor  
Environment Management System**

**Signature of the Auditors / Experts  
Certified by NSF / IGBC / LEED / GRIHA**

