

National Cleaner Production **AWARDS 2019**



“To recognize and appreciate Environmental – Friendly Businesses”

Manufacturing - Medium



National Cleaner Production Centre, Sri Lanka.

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Application for Cleaner Production Awards 2019

1 General Information**1.1 Establishment Overview**

1.1.1	Name of Organization (Mention the name of organization applying)		
1.1.2	Address	Head Office	
		Factory / Production Facility Applying	
1.1.3	Business / Industrial Sector		
1.1.4	Telephone		Fax
1.1.5	Email		Website

1.2 Contact Details :

1.2.1	CEO / COO		
	Name		
	Designation		
	Telephone		Mobile
	Email		Fax

1.2.2	Contact Person		
	Name		
	Designation		
	Telephone		Mobile
	Email		Fax

1.2.3	Description of the Organization		
	Type of Registration: (Proprietor / Private Limited / Public company / other....)		
	Registration No.: (If Applicable)		Year of Commencement
	Type of Investment: (Multi National / Joint Venture / Local Enterprise / FDI / Local Agent / License / Franchise / Other)		
	No. of Employees:		No. of hours of operation per day
	Products Manufactured		
	Brief overview of organization activities (Kindly use extra sheets if necessary)		

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A		Environment Management Organizational Structure, Commitment and Participation in RECP			
A1		General			
A1.1	Does the company possess a list of applicable Environment Regulations?	Yes			Submit copy of list
		No			
A1.2	Is an EPL mandatory for your organization?	Yes			
		No			
A1.3	If yes, Does the company possess a valid EPL?	Yes			Submit copy
		No			
A1.4	Has the company had any violations of Environment Regulations?	Yes			Give details
		No			
	If yes, what steps were taken to correct the situation?	Give details & records of actions taken			
A1.5	Is Scheduled waste licence applicable for your organization?	Yes		No	
A1.6	If yes, Do you have a valid scheduled waste licence?	Yes		No	submit copy

A2		Environment Management Organizational Structure			
A2.1	Does the organization have a RECP/ Environment Policy?	Yes			Submit copy
		No			
	If yes, has it been communicated to employees?	Yes		No	
A2.2	Is there an officer responsible for Environment related activities?	Yes		Name:	
		No		Designation:	
	If yes, Full time	Part time			
A2.3	Is there an environmental / RECP Committee / Team ?	Yes		Give names and designations*	
		No			

Answer the following questions from A3 section with reference to the activities conducted during 2017- 2019 June

A3		Commitment for RECP and Participation			
A3.1	Highest Educational Qualification of Environmental Officer				
A3.2	Is your Environmental Officer (EO) trained in RECP / SCP / EMS?	Yes			
		No			
A3.3	What is the training received by EO on RECP / SCP / EMS ?				
A3.4	How many of your staff are trained on RECP / SCP / EMS?	As a percentage of total employees (Provide proof)		%	
A3.5	How many guest lectures / demonstrations have been conducted in your organization on RECP / SCP / Environment?				Provide proof
A3.6	How many of your staff have made presentations on RECP / SCP / EMS at local / regional / international symposiums?				Provide proof
A3.7	How many articles / write ups have been done by your staff on RECP / SCP / EMS?				Provide proof
A3.8	Has the organization sponsored any Environment programmes at schools / Community / National level?	Yes			Give detail
		No			
A3.9	Have you educated employees on Environment using visual aids such as posters, films, videos ?	Yes			Provide proof
		No			
A3.10	Do you entertain hand drawn posters by employees on environment?	Yes		How many in year? Provide proof	2017
		No			2018
					2019 (Jan-June)

*Kindly use extra sheets if necessary

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B	System Implementation and Compliance					
B1	Is the organization certified for					
	Environment Management System (ISO 14001)	Yes		No		attach a copy
	Energy Management System (ISO 50001)	Yes		No		attach a copy
	Occupational Health & Safety Management System (OHSAS 18001)	Yes		No		attach a copy
	Quality Management System (ISO 9001)	Yes		No		attach a copy
	GHG Statement (ISO 14064-1)	Yes		No		attach a copy
B2	Is the company certified for any other management system?	give details				
B3	Have you implemented any system without 3rd party certification?	Yes		No		
B4	Please list out your objectives and planned actions for each management system					attach details
B5	Give the results achieved on the planned actions?					attach details

B6	Have you had any fatal accidents in your organization?	attach details				
B7	Do you have health insurance scheme covering all employees? / Do you conduct health analysis of employees ?	attach details				
B8	Please give details of Corporate Social Responsibility (CSR) activities carried out by your organization	attach details				

B9	Have you won any National or International Awards?	Yes		No		
	Give details					
	Award	Year		Awarded by		

*Kindly use extra sheets if necessary

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C Environment Performance Assessments							
C1	Type of Audit / Assessment (in past 5 years)	Carried out		Year	Report		Name of Consultant / Organization conducted the assessment
C1.1	Comprehensive RECP assessment	Yes			Available		
		No			Not Available		
C1.2	GHG Assessment	Yes			Available		
		No			Not Available		
C1.3	Environmental risk assessment	Yes			Available		
		No			Not Available		
C1.4	Walkthrough RECP assessment	Yes			Available		
		No			Not Available		
C1.5	Water Audit	Yes			Available		
		No			Not Available		
C1.6	Material Audit / Chemical Audit	Yes			Available		
		No			Not Available		
C1.7	Energy Audit	Yes			Available		
		No			Not Available		
C1.8	Safety Audit	Yes			Available		
		No			Not Available		

C1.9	Have you undertaken any Productivity / TQM / TPM projects in your organization?*	Yes		Give details for the last 5 years
		No		
C1.10	Are the manuals/reports available for reference?*	Yes		
		No		

*Kindly use extra sheets if necessary

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D	Proactive Environment Measures (PEM) - RECP,SCP, etc., Implementation and Performance Indicators			
D1	Resource Flow in the Organization			
D1.1	Product Output Inventory (in metric tons)			
	Product	Output in 2017	Output in 2018	Output in 2019 (Jan-June)

D1.2	Details of Material Flows			
	Consumption of Materials (in metric tons)			
	Material / Product	Output in 2017	Output in 2018	Output in 2019 (Jan-June)

D1.3	Packaging				
D1.3.1	Packaging in Incoming Raw Materials (in metric tons)				
	Type of Packaging	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)	Method of Disposal

D1.3.2	Packaging used for Finished Products (in metric tons)				
	Type of Packaging	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)	
	Give a description on your best practices adopted (eg: reducing, changing on packaging, collect back from client)*				

*Kindly use extra sheets if necessary

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D1.4	Details of Water Flows			
D1.4.1	Consumption of Process Water (m ³)			
	Input source	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)
	National Supply			
	Well / River			
	Contracted			
	Reused			
	Recycled			
	Rain water Harvested			
	Other (Please specify)			

D1.4.2	Water for Human Consumption (m ³)			
	Input source	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)
	National Supply			
	Well / River			
	Contracted			
	Reused			
	Recycled			
	Rain water Harvested			
	Other (Please specify)			

D1.4.3	Water for Other Purposes (Eg: vehicle cleaning, gardening, etc.) (m ³)				
	Purpose	Source	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)

D1.5	Details of Energy Flows				
D1.5.1	Consumption of Electricity (from National Grid)				
	Parameter	Unit	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)
	Consumption	kWh			
	Max. Demand	kVA			
	Power Factor				
	Supply Voltage	V			
	Tariff Plan				
	(Eg: I-1, I-2, I-3, etc)				

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D1.5.2 Consumption of Electricity (from Generator)					
	Parameter	Unit	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)
	Generated	kWh			
	Diesel consumed	litres			
	Running Time	hrs			

D1.5.3 Consumption of Thermal Energy					
	Energy Source	Unit	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)
	Diesel	litres			
	Petrol	litres			
	Furnace oil	litres			
	LP gas	kg			
	Biomass	Mt			
	Other				

D1.5.4 Consumption from own Renewable Sources					
	Energy Source	Unit	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)
	Micro Hydro Power	kWh			
	Wind Power	kWh			
	Solar Power	kWh/MJ			
	Biomass	Mt			
	Non-degradable Waste				
	Dendro power	kWh/MJ			
	Other (please specify)				

D1.6 Waste Inventory					
	Category	Unit	Quantity in 2017	Quantity in 2018	Quantity in 2019 (Jan-June)
D1.6.1	<u>Solid waste / Liquid waste(Eg: food, paper, used oil etc..)</u>				
D1.6.2	<u>Effluent</u>				
D1.6.3	<u>Gaseous Emissions</u>				

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D1.7.3 Gaseous waste		Units	Quantity 2017					Quantity 2018					Quantity 2019 (Jan-Jun)				
Strategy	Gaseous Waste Category		Ignore	Reduce	Reused	Recovered & Recycled	Treated & Disposed	Ignore	Reduce	Reused	Recovered & Recycled	Treated & Disposed	Ignore	Reduce	Reused	Recovered & Recycled	Treated & Disposed

D1.7.4 Hazardous Waste Management						
Type of waste	Unit	Generation			Disposal Mechanism*	
		2017	2018	2019 (J-J)		
Have you taken any steps to eliminate / reduce / substitutes hazardous substances?		Yes				
		No				
If yes, give details (Use separate sheet)						

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D2		Implementation of Proactive Environment Measures (RECP,SCP,etc.) Options			
D2.1		Proactive Environment Measures Options Implemented (Give maximum 10 measures)*			
	RECP Option	Resource Savings (Quantity)	Cost Savings	Other Benefits	

D2.2		Material Saving after implementing Proactive Environment Measures (Give annual figures)*			
	Raw Material / WIP	Reduction in Quantity	Reduction in Cost		

D2.3		Packaging Material Saving after implementing Proactive Environment Measures (Give annual figures)*			
	Packaging Material	Reduction in Quantity	Reduction in Cost		

D2.4		Water Saving after implementing Proactive Environment Measures *			
	Input Source Wise	Reduction (m ³)			
	Use/application Wise				
	Waste water				

*Kindly use extra sheets if necessary

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D2.4	Water Saving after implementing Proactive Environment Measures (Cont.) (Give annual figures)*	
	Amount of water reused / recycled	Quantity (m ³)

D2.5	Have you fixed sub meters to measure water consumption?	Yes		No		
	Give details in table below					
	Sections / Area	Quantity	Fixing of Sub Meter			
	Process water		Yes		No	
	Production water		Yes		No	
	Floor Cleaning / Machine Cleaning		Yes		No	
	Sanitary Purposes		Yes		No	
	Welfare (Kitchen / Food Preparation)		Yes		No	
	Utilities (Boiler / Air Conditioning, Cooling, etc.,)		Yes		No	
	Gardening / Vehicle washing		Yes		No	

D2.6	Energy Saving after implementing Proactive Environment Measures			
	Parameter	Unit	Before RECP	After RECP
	Consumption	kWh		
	Max. Demand	kVA		
	Power Factor			
	Diesel consumption	litres		
	Furnace oil consumption	litres		
	Biomass consumption	Mt.		
	Other (Please specify)			

D2.7	Fixing of Electricity Sub Meters					
	Have you fixed electricity sub meters?	Yes		No		
	Give details in table below					
	Section / Area	Quantity	Fixing Sub meters			
			Yes		No	
			Yes		No	
			Yes		No	
			Yes		No	
			Yes		No	
			Yes		No	
			Yes		No	

*Kindly use extra sheets if necessary

E	Environment Management Roadmap and Advanced Environment Management Tools				
E1	Environment Management Roadmap				
E1.1	Is there a corporate plan / Environment Management Roadmap for the organization?	Yes		No	
E1.2	Is the plan / roadmap documented? If yes, submit a copy	Yes		No	
E1.3	Is this plan communicated to relevant stakeholders? If yes, briefly explain the implementation status of the plan	Yes		No	

E1.4	Detail out your Environment Management Roadmap for Sustainability				
E1.4.1	<u>Policy Commitment</u>				
E1.4.2	<u>Objectives</u>				
E1.4.3	<u>Expected Improvements</u>				
E1.4.4	<u>Short Term Plans</u>				
E1.4.5	<u>Long Term Plans</u>				

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E1.4	Detail out your Environment Management Roadmap for Sustainability (Cont.)
E1.4.6	<u>Training Plans</u>
E1.4.7	<u>Investments for improving environmental performance</u>

E2	Reporting Environment Performance				
E2.1	Do you produce any annual Triple Bottom Line (TBL) / Sustainability Reports?	Yes		No	Submit copy
E2.2	Do you follow Global Reporting Initiative (GRI) guidelines in your reports?	Yes		No	Submit copy
E2.3	Do you follow National Green Reporting System of Sri Lanka guidelines in your reports?	Yes		No	Submit copy
E2.4	Do you include your "Environmental Performance" in your Annual Report?	Yes		No	Submit copy
E2.5	Do you produce any other environmental performance reports?	Yes		No	
	If yes, to whom?				
	Explain briefly & submit a copy of latest report				

E3	Using Advanced Environment Management Tools				
E3.1	Are you using any of the following Environment Management Tools?				
	Life Cycle Assessments (LCA)	Yes		No	If yes, give details*
	Water Footprint	Yes		No	
	Eco-Design or Design for Sustainability	Yes		No	
	Greening the Supply Chain	Yes		No	
	Eco-Labels, Energy-Labels - Certify own product for Eco-Labels and Energy Labels	Yes		No	
	Eco-Labels, Energy Labels - Selecting products with Eco-Labels	Yes		No	
	Carbon Footprint	Yes		No	
	Environment Management Accounting	Yes		No	
	Others (Please specify)	Yes		No	

*Kindly use extra sheets if necessary

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We hereby certify that, the information given in this application are true and accurate. We further declare that we shall accept the decision of the judges as final and conclusive and shall abide by the rules and regulations of the National Cleaner Production Awards Programme.

We have no objection in allowing NRECPC to promote our organization as champions of Cleaner Production in the year 2019.

.....
Name of CEO

.....
Date

.....
Signature of CEO
(Please affix company rubber stamp)