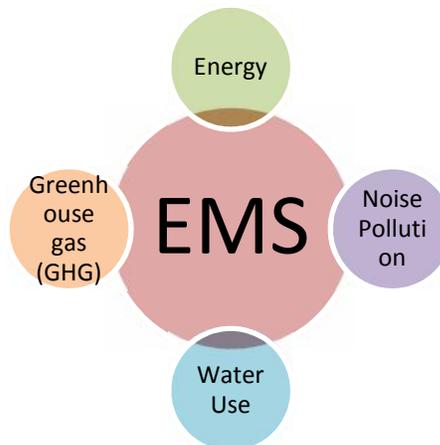


# Sustainability:

## ➤ ENVIRONMENT MANAGEMENT APPROACH

To reduce environmental footprint, Pretty Wool Ware LTD has formed an Environmental Management System (EMS) team. Standard environmental policy and Environmental Health and Safety (EHS) policy have been formulated which addresses management of:



These guiding activities help us address environmental challenges such as biodiversity conservation. These are given priority to ensure environmental responsibilities and continual improvement to reduce environmental impacts. As minimization of pollution is addressed, the organization can ensure sustainability of the environment as an integrated part of the business.

## ➤ AWARENESS TRAINING ON ENVIRONMENT:

Environment awareness trainings are conducted every month for all staff and workers. All new employees, irrespective of their levels, are briefed about EHS and environmental related aspects of the organization during their induction process. Employees are also made to undergo specific training with respect to the nature of their work. Need Identification for this is done by the respective Heads of Departments for sending staff across for internal as well as external trainings.

## ➤ MONITORING AND FOLLOW-UP OF ENVIRONMENTAL PRACTICES:

The EMS team carries out internal audits based on legal requirement and buyers' standards to review the environmental aspects. External (third party) audits also involved to assess important aspects such as stack and ambient air emission test, noise test, drinking water test etc. The different issues are addressed without delay: monthly meetings are also conducted to attain to the remaining issues. The EMS and EHS committees in each unit are also involved to implement the environmental practices.

**Pretty Wool Ware Ltd currently has the following environmental certifications:**

1. Environmental Clearance Certificate (ECC)

## ➤ **ENERGY MANAGEMENT:**

Energy is the essence of industries. There is direct relationship between energy with financial matters as well as global climate change. Energy consumption within Pretty is monitored and tracked to reduce wastage of the energy. The following steps are currently in place for energy management:

- Preparation of energy management policy.
- Collecting consumption of water, diesel, and electricity along with monthly production.
- Benchmarking and regulating energy consumption in consultation with the production team by doing process re-engineering and innovations
- Reducing carbon emission.
- Reducing diesel consumption in generators.
- Taking initiative to reduce energy consumption by choosing alternative sources of non-renewable resources
- Training employees on energy and environmental aspects within the industry.

<b>Energy consumption based on processes</b>		
<b>Non renewable energy sources</b>	<b>Unit</b>	<b>2016-2017</b>
Diesel	ltr	13910
Purchase Electricity	kwh	210935

### **INITIATIVES TO REDUCE ENERGY CONSUMPTION IN THE FACTORY**

Servomotors: These motors consume electricity only when the machine needle is active whereas the clutch motor consumes electricity even in standby mode. Right now we have 05 sewing machines, among 05 machines installed servomotors for 01 machine. Also we have 430 linking machines in the factory and those machines servomotor replace is under process.

### **OTHER ENERGY SAVING INITIATIVES:**

- Reducing light intensity in certain areas.
- Switch off unnecessary lights at day time.
- Replaced lights and installed more efficient LED lights.

## ➤ WATER MANAGEMENT

Pretty Wool Ware Ltd continuously tracks the water consumption in the factories and takes initiatives to reduce the consumption.

Water withdrawal for different facilities:		
Type of Water	Unit	2016-2017
Ground Water	m3	303.30
Ground Water	m3	259.30

### INITIATIVES TO REDUCE WATER CONSUMPTION:

- Trigger nozzles: Adding trigger nozzles prevent unnecessary running of water during washing of process vessels, machines, floors, car, etc.

### OTHER WATER SAVING PRACTICES:

- Repair leaking taps and educate staff to turn off after use.
- Replace single flush in the toilet instead of double flush.

**Environmental impact assessment is done for every facility and preventive actions are taken against the possible impact. This assessment takes into consideration:**

- Noise pollution management
- Air emissions management
- Greenhouse gas emissions monitoring and energy management
- Safe disposal of waste materials from production process

## ➤ EMISSIONS:

- **Greenhouse gas (GHG) emissions within organization (Calculated using H&M guidelines of GHG purchased electricity)**

GHGs	Unit	2016-2017
Co2	Tonnes	1.213
Co2e	Tonnes	1.213

- **Greenhouse gas (GHG) emissions within organization (Calculated using H&M guidelines of GHG stationary combustion tool)**

GHGs	Unit	2016-2017
CO2	Tonnes	37.230
CH4	Tonnes	1.507E-03

<b>N2O</b>	Tonnes	3.015E-04
<b>CO2e</b>	Tonnes	37.352

• **Exhaust Gas Quality (Average) of Diesel Generators:**

Unit	CO <sub>2</sub>	CH <sub>4</sub>	CO	NO	NO <sub>x</sub>	SO <sub>2</sub>
Generator 1 mg/Nn3	12.25	6.50	137.9	532.6	859.7	0
Generator 2 mg/Nn3	13.57	5.50	279.48	481.0	505.6	0
Generator 3 mg/Nn3	14.26	7.68	308.0	574.3	952.1	0
ISO 1597) Rules mg/Nn3	NYS	NYS	NYS	NYS	NYS	NYS

NYS: Not yet Set.

➤ **WASTE**

All wastages are tracked and monitored regularly. Non-hazardous and hazardous are given to government authorized waste collectors for proper disposal.

Different types of wastes have different ways of disposal. Before disposing any waste, they have to be categorized according to their characteristics. In general, they may be categorized as hazardous and non-hazardous.

Total weight of waste by type		
Waste Type	Unit	2016-2017
Hazard	Kg	8.80
Non-Hazard	Kg	14005

\* Includes drums and other countable items

There are three separate dustbins clearly labeled set in the medical center for depositing all types of bottle/strips, cotton/bandages and syringes/needles respectively. All concerned staffs are instructed to deposit waste in those specific dustbins.

➤ **TRANSPORTATION IMPACT MANAGEMENT**

The impacts due to transportation are managed in a number of ways including the following:

- Daily, weekly and monthly maintenance
- Engine servicing after running every 3,000 km or 3 months: including washing, engine flashing,
- Changing Mobil and air filters, etc.
- Spark plug checking and replacing

- Engine valve (inlet and exhaust) clearance checking and adjusting
- Greasing moveable parts to avoid friction
- Fuel filter cleaning and replacing
- Battery water level checking and recharging
- Gear box and axle gear oil level checking and replacing
- Avoid air draft using windshield/air reflector.
- Motivating drivers to minimize fuel consumption, avoiding over speed, etc.