



# **SRI BHAGAWAN MAHAVEER JAIN FIRST GRADE COLLEGE**

**Geetha Road, Robertsonpet, Kolar Gold Fields – 563 122**

## **7.1.5. Report on Waste Management in the College**

### **Waste Management**

In nature we go behind many kinds of waste but in institutions, household and as well as public places we come across different kinds of solid waste, viz. Household waste, plastic waste, hotel waste, E –waste and few organic waste dumped road side has led to various environmental crisis that is reflected in lack of respect towards nature. For this reason, SBMJFGC has adopted various solutions by implementing educational strategies that may help us in managing the waste to their organizing structures. Therefore it is not only about creating awareness in the college through education but it has to be transformed to the society in order to contribute for the improvement of quality life and environment of the people.

### **Solid waste generation and recycling over view**

SBMJFGC has adopted 3 R's-Reduce, Reuse, and Recycle. And it generates waste of about 35% which is of organic in nature. Generally waste comes from cafeteria. The other waste such as the municipal solid waste is very minimum and a very less e-waste is generated in the campus.

### **Installation of waste bins**

To ensure waste free campus to collect, sufficient numbers of waste bins are installed in the campus for appropriate collection on all the floors. Most of the organic waste generated for the cafeteria is sent to municipal waste collector.

Non hazardous solid waste is disposed through garbage truck on daily basis.

### **Campus sweep and cleaning**

Sweeping is usually done every day by the stake holders in the process of campus cleaning which has not only helped in cleaning the campus and also in maintaining a clean

and hygienic environment. In addition to this NSS and ECO CLUB members involve in cleaning the campus during weekends along with this the faculty, staff and students of each department help in cleaning the respective departments during Ayudhapooja festival.

### **E-waste**

E-waste generated in the campus is collected by the Department of Computer

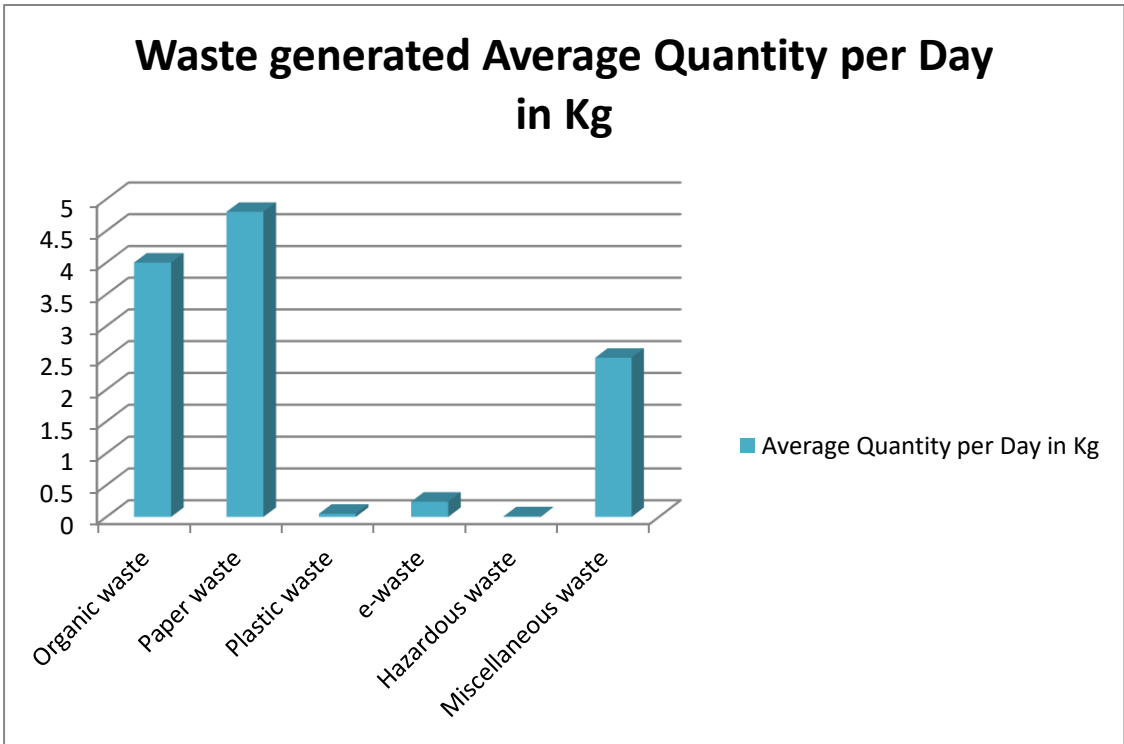
Science are disposed using standard procedures in association with E-cycle solutions Bangalore. A total of 80Kg which was generated within the campus as well as e-waste collected by our students from their household was disposed to E-cycle solutions, Bangalore on 12/12/2019. The Department of Physical Science and Computer Science has taken keen interest to carry out this important mission.



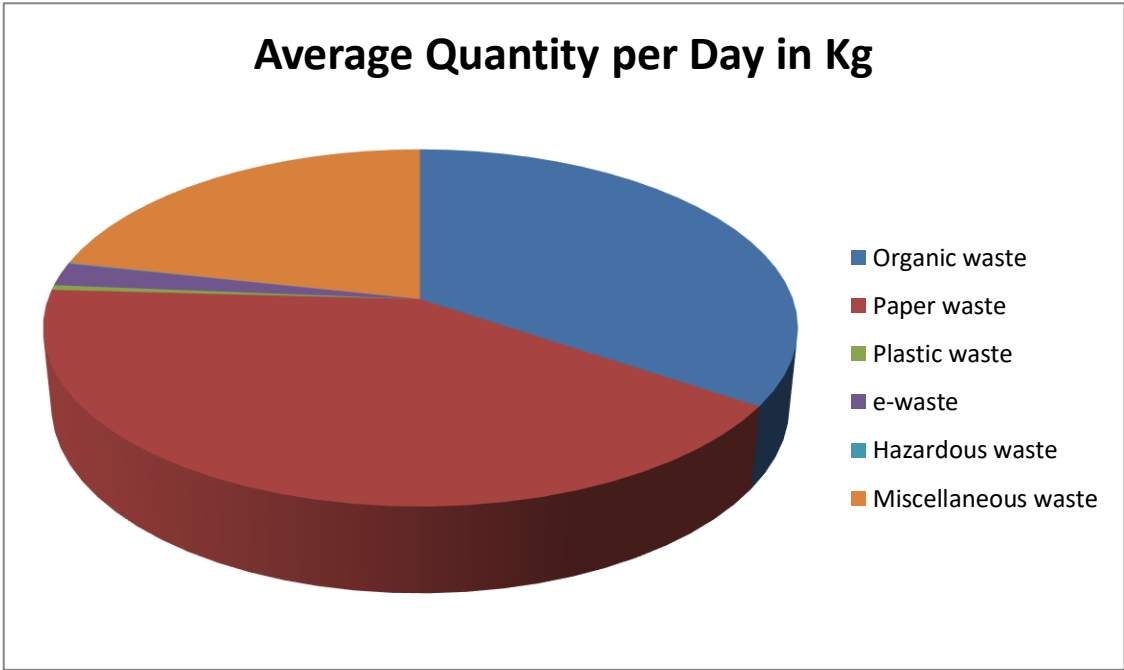
### **E-waste collection point in the institution**

**List of the following waste generated in the institution (college campus)**

<b>S.No</b>	<b>Type of Waste</b>	<b>Average Quantity per Day in Kg</b>
1	Organic waste	4
2	Paper waste	4.8
3	Plastic waste	0.05
4	E-waste	0.24
5	Hazardous waste	0.01
6	Miscellaneous waste	2.5



**Bar Graph**



**Pie Chart**

**Certificate**

**on Safe Disposal of**

**E Waste to**

**E Cycle Solutions**

**Bangalore**



**Consent For Operation  
(CFO-Air,Water)**

**Consent No. AW-316249  
Valid upto: 30/06/2022**

**Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church  
Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in**

Industry Colour: RED      Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

**Combined Consent Order No.** AW-316249      **PCB ID:** 39021      **Date:** 10/12/2019

**Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution) Act , 1981**

- Ref: 1. Application filed by the applicant/organization on 08/03/2019
2. Inspection of the Industry/organization/by RO, on 08/03/2019
3. Proceedings of the CCM dated 10/05/2019 , held on 10/05/2019

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 ( herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, ( herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

**Location:**

Name of the Industry: E-Cycle Solutions

Address: 41, 7TH CROSS, BAHUBALI NAGAR, JALAHALLI BANGALORE

Industrial Area: Industrial Suburb-Yeswantpur, BAHUBALI NAGAR JALAHALLI,

Taluk: BBMP- W-16, District: Bangalore Urban

**CONDITIONS:**

**a) Discharge of effluents under the Water Act:**

Sr	Water Code	WC(KLD)	WWG(KLD)	Remark
1	Domestic Purpose	0.500	0.400	BWSSB Sewer

**b) Discharge of Air emissions under the Air Act from the following stacks etc.**

Sl. No.	Description of chimney/outlet	Limits specified refer schedule
The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.		

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty/Month	Unit
1	e waste dismantling	75.0000	TON

**This consent is valid for the period from 08/03/2019 to 30/06/2022**

To,  
E-Cycle Solutions  
41, 7TH CROSS BAHUBALI  
NAGAR, JALAHALLI  
BANGALORE

**COPY TO:**

The Environmental Officer, KSPCB, Regional Office Bangalore City West for information and necessary action.

- Master Register.
- Case file.

Consent Fee paid : Rs. 200





**Consent For Operation  
(CFO-Air,Water)**

Consent No. AW-316249  
Valid upto: 30/06/2022

Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church  
Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

**SCHEDULE**

**TERMS AND CONDITIONS**

**A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.**

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.
- 2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.
- 2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.
- 3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall conform to the standards stipulated by the Board in Annexure-I
- 3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.
4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.
5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.
6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.
7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:
8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

**B. EMISSIONS:**

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under. The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

**C. MONITORING & REPORTING:**

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.
2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

**D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:**

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.
2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.



**Consent For Operation  
(CFO-Air,Water)**

Consent No. AW-316249  
Valid upto: 30/06/2022

Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church  
Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax: 080-25586321  
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

**E. NOISE POLLUTION CONTROL:**

1. The applicant shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in under the Air (Prevention and Control of Pollution) Act, 1981.

**F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) Rules 2016:**

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016.

**G. GENERAL CONDITIONS:**

1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.
2. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
3. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.
4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.
5. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.
6. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.
7. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.
8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.
9. The applicant his heirs, legal representatives or assignee shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.
10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
11. The applicant shall develop and maintain adequate green belt all around the periphery.
12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.
15. The applicant shall display flow diagram of the pollution control system near the pollution control system/s.

**NOTE:**

The Conditions A(2) (a)(b), 3(a), 3(b), 4) mentioned in the schedule are not applicable.





**Consent For Operation  
(CFO-Air,Water)**

**Consent No. AW-316249  
Valid upto: 30/06/2022**

**Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church  
Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

Chimney No.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	No data	working table	3	PM(mg/NM3), SO2 (PPM), NOx(PPM)			DUS	Before commissioning.

Note:

DUS : Dust Collector

**Note:**

- The Noise levels within the premises shall not exceed 75 dB (A) leq during day time and 70 dB(A) leq during night time respectively.
- The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection) Rules.
- There shall be no smell or odour nuisance from the industry.

**LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.**

**1. Location of Portholes and approach platform:**

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

- The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
- An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
- The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the  
Karnataka State Pollution Control Board

**Signature Not Verified**

Digitally signed by  
Date: 2019.12.10 15:46:53  
+05:30





## Consent For Establishment (CFEs)

Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church  
Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax: 080-25586321  
email id: ho@kspcb.gov.in

Consent No. CTE-308691 Valid  
upto: 30/06/2023

Industry Colour: RED Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

Consent Order No. CTE-308691 PCB ID: 39021 Date. 30/11/2018

To,  
The Applicant  
E-Cycle Solutions  
41, 7TH CROSS BAHUBALI  
NAGAR, JALAHALLI  
BANGALORE

Sir,

Sub: Consent to Establish under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981-reg.,

Ref: 1. CFE application submitted by the industry/organization on 16/04/2018 at Regional Office

2. Inspection of the project site by Regional Officer Bangalore City West on 18/09/2018
3. Proceedings of the CCM dated 11/10/2018, held on 06/10/2018

With reference to the above, Karnataka State Pollution Control Board hereby accords **Consent for Establishment** for new Activity under the Water (Prevention & Control of Pollution) Act, 1974 & the Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions.

### Location:

Name of the Applicant: E-Cycle Solutions  
 Address: 41, 7TH CROSS, BAHUBALI NAGAR, JALAHALLI BANGALORE  
 Industrial Area: Industrial Suburb-Yeswantpur, BAHUBALI NAGAR JALAHALLI,  
 Taluk: BBMP- W-16, District: Bangalore Urban

### Conditions:

1. This consent for establishment is valid up to 30/06/2023 from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty/Month	Unit
1	e waste dismantling	75.0000	TON

### I. WATER CONSUMPTION:

1. The source of water shall be from Borewell and total water consumption shall be as below.

Particulars	Water consumption(KLD)
Domestic Purpose	0.5



## Consent For Establishment (CFEs)

Consent No. CTE-308691 Valid upto: 30/06/2023

Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax: 080-25586321  
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

### II. WATER POLLUTION CONTROL:

1. The discharge from the premises of the applicant shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act or Rules made there under.
2. The applicant shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part - I and Part - II
3. The applicant shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted. It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
4. The quantity of domestic waste water and trade effluent generated from the proposed industry shall not exceed the permitted quantity as indicated below

#### Discharge of effluents under the Water Act:

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode/Place of disposal
1	Domestic Purpose	0.400	BWSSB Sewer

5. The applicant shall treat the trade effluent in proposed ETP which consists of the following;

#### STP & ETP details

SINo	ETP/STP NO	ETP Code	Category Name	Capacity (Meter Cubic)	Units	Remarks
1	STP1	STS	Septic tank & Soak pit	0.00	1	

6. The applicant shall ensure that the ETP will treat the effluent to the stipulated standards as indicated in Annexure-I
7. The applicant shall not discharge any effluent outside the industry premises.
8. The applicant shall provide separate flow meter for inflow & outflow of effluents through ETP and separate energy meter and shall maintain a logbook for hourly record of meter reading for the verification of inspecting officers
9. The applicant shall discharge the effluents only to the place mentioned in the Consent order.

### III. AIR POLLUTION CONTROL:

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.
2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.
3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

### IV. NOISE POLLUTION CONTROL:

1. The applicant shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e. 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in the Environment (Protection) Rules.

### V. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous and other Wastes (Management & Transboundary Movement) Rules 2016, in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

### VI. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES 2016:

1. The applicant shall apply and obtain authorization under Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016, and comply with the provisions of the said Rules.



## Consent For Establishment (CFEs)

Consent No. CTE-308691 Valid  
upto: 30/06/2023

Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church  
Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax: 080-25586321  
email id: ho@kspcb.gov.in

Industry Colour: RED Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

### VII. GENERAL:

1. The applicant shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
2. The applicant shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
3. The applicant shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
4. The applicant shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
5. The applicant shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
6. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
7. This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
8. The applicant shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.
9. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration in advance an amount equal to the cost estimated by Competent Agency or Committee.
10. The applicant shall comply with all the Conditions and guidelines issued from time to time.
11. The applicant must create structure/facility for rain water harvesting and ground water recharge.
12. The applicant shall develop extensive green belt within the periphery of the plant.
13. This consent is issued without prejudice to Court Cases pending in any Hon'ble Court.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

Consent Fee paid : Rs. 105000

### Note:

The Conditions II(5,6,8) mentioned in the schedule are not applicable.

### Additional Conditions:

Applicant shall apply authorization & registration cum passbook as per e-waste (management) Rules, 2016 at the time of CFO.





**Consent For Establishment (CFEs)**

**Consent No. CTE-308691 Valid upto: 30/06/2023**

**Karnataka State Pollution Control Board  
Parisara Bhavana, No.49, Church Street, Bengaluru-560001  
Tele : 080-25589112/3, 25581383  
Fax:080-25586321  
email id: ho@kspcb.gov.in**

Industry Colour: RED Industry Scale: SMALL

(This document contains 4 pages including annexure & excluding additional conditions)

FOR AND ON BEHALF OF  
KARNATAKA POLLUTION CONTROLBOARD



**RAMESH A Unit Heads -  
CHIEF/SENIOR ENVIRONMENTAL  
OFFICER**

**COPY TO:**

1. The Environmental Officer, KSPCB, Regional Office, Bangalore City West for information and to inspect the industry during your next visit to the area.
2. Master copy (Dispatch).
3. Office copy.

**ANNEXURE- II**

Chi m.N o.	Chimney attached to	Capacity/ KVA Rating	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Fuel	Air pollution Control equipment to be installed, in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	No data	working table	3	PM(mg/NM3), SO2 (PPM), NOx(PPM)			DUS	Before commissioning.

Note:  
DUS : Dust Collector

**LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.**

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to at least eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame or rectangular stacks, the equivalent diameter can be calculated from the following equation.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 100mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.





**E-Cycle Solutions**

We Collect E-Waste & Recycle Eco Friendly

**KSPCB Authorised & ISO 9001-2015 EQMS 14001-2015**

# 41, 7th Cross,  
Hoysala Circle,  
Bahubali Nagar,  
Jalahalli, Bengaluru-560013  
Karnataka (INDIA)  
Ph: 080-28381818  
www.e-cyclesolutions.in

**CERTIFICATE OF RECYCLING**

**Ref No: ECS/0034**

<b>Company Name</b>	<b>M/S, Sri bhagawan mahaveer jain first grade college</b>
<b>Customer Address</b>	<b>Geetha road, robertsonpet, kolar gold fields-563122</b>
<b>Customer Name</b>	<b>Mr, Kalai chalvan, department of physics</b>
<b>Customer Phone Number</b>	<b>9701036424</b>
<b>Customer E-mail ID</b>	<b>Akchalvan@gmail.com</b>
<b>Customer Reference</b>	<b>Telephonic Order</b>
<b>E-Cycle Solutions Ref</b>	<b>ECS/MAHAVEER/C-EW/18-19 Dated: 12-12-2019</b>
<b>Material Type (Quantity)</b>	<b>IT/General E-Waste (80.KG)</b>
<b>Our Contact Person Name</b>	<b>Mr, Selvan</b>
<b>Our Contact Person Ph No</b>	<b>7899999009</b>
<b>Our Contact E-mail ID</b>	<b>Info@e-cyclesolutions.in</b>

**This Is To Certify That The Material Collected Vide Your DC Number: NA  
Dated: 12-12-2019 Have Been Recycled In An Environmentally Safe Manner.**

*Selvan*  
**E-Cycle Solutions**  
**Jalahalli**  
**Bengaluru-13**