



# Environmental Assessment Module Summary Report

# Table of Contents



Factory Information	1
Permits & Certifications	1
Environmental Management System	1
Recycling	2
Energy Usage & GHG	2
Paper Usage	3
Industrial Wastewater	3
Air Discharge	3
VOC Discharge	3
Hazardous Waste	4
Non-Hazardous Waste	4
Noise Pollution	5
Best Practices Sharing	5



## Factory Information

Name	Environmental Assessment (EA) Sample	IETP Certification No.	C021319
Address	1100 Shenzhen Road	Industry	Toys
Location	Canada	Product Type	Plastic Toys
Total facility size	40000 m2	Processes on-site	Injection, Spray Painting, Assembly, Packaging
Total Production Area	10000	Total Workers During Peak Season	1900

## Permits & Certifications

Permits	Document upload
Environmental Impact Assessment (EIA)	<a href="#">1.1 - EIA.png</a>
Liquid or wastewater Discharge Permit	<a href="#">DischargePermit-Example.jpg</a>

Certificates	Document upload
ISO 140012015	<a href="#">1.2 - ISO 14001.png</a>
ISO 1406412018	<a href="#">1.2 - ISO 14064-1.png</a>

## Environmental Management System

**1 Environmental Policy:**  Yes  No

---

**2 Environmental Management System or Policy Details**

[Environmental Policy Example.jpg](#) 137.2 KiB [Download](#)

### 3 Environmental Management System Coverage:

- Energy
- Industrial Wastewater
- Hazardous & Chemical Material
- Noise
- Water
- Air Emissions
- Waste

### 4 Environmental impacts continuous improvement plan:


Yes  No

 Sample-Environemnt-Improvement-Plan.pdf 590.8 KiB [Download](#)

## Recycling

### 1 Recycling Program

Yes  No

-  Plastic Recycling ID.jpg 53.3 KiB [Download](#)
-  General Recycling.jpg 40.4 KiB [Download](#)

### 2 Legal compliance Recycle Waste Management:

Yes  No

## Energy Usage & GHG

### 1 Energy Usage

Yes  No

Energy Source	Tracking method	Frequency	Last Measurement	Unit	Date
LPG	Calibrated Meters	weekly	10000	kPa	16/09/2022
Petrol	Calibrated Meters	Monthly	2000	Gallons	31/08/2022
Electricity	Service provider monthly invoice	monthly	1020.5	kWh	31/08/2022

### 2 Renewable Energy

Yes  No

Renewable Energy	% contribution to overall energy usage	Date of Assessment (Month/Year)	Application
Solar	5	08/2022	Dormitory electricity use in evening
Wind	5	01/2022	Electricity for warehouse 4

### 3 GHG Scope 1 & 2 emission tracking:

Yes  No

Facility tracks by **3rd Party Lab Report** on a **Quarterly** basis with last measurement **1000 tonnes of CO2e** on **21/07/2022**.

#### 4 Energy and GHG reduction plan:

Yes  No

 Coating Equipment (1).jpg 54.9 KiB [Download](#)

 PPN-0621-Carbon-Reduction-Plan-AC (2).pdf 98.6 KiB [Download](#)

## Paper Usage

#### 1 Paper usage Tracking/inspection:

Yes  No

Facility tracks/inspects by **Factory paper purchasing invoices** on a **Monthly** basis with last measurement **60 Kg** on **31/08/2022** .

#### 2 Paper usage reduction Plan:

Yes  No

 Paper reduction plan.jpg 79.9 KiB [Download](#)

## Industrial Wastewater

#### 1 Facility generates wastewater

Yes  No

Tracking Method	Frequency	Last Measurement (Total)	Unit	Date
No. of filled wastewater barrel (55 Gallons)	Monthly	10	Barrel (55 Gallons)	31/08/2022

## Air Discharge

#### 1 Air discharge tracking/inspection:

Yes  No

Facility tracks/inspects by **3rd party lab inspection** on a **Yearly** basis with last measurement **1000 m<sup>3</sup>/h** on **31/12/2021** .

#### 2 Legal compliance Air discharge:

Yes  No

 Wastewater, Air Discharge, Noise report.png 723.2 KiB [Download](#)

## VOC Discharge

#### 1 VOC discharge level tracking/inspection:

Yes  No

Facility tracks/inspects by **3rd Party lab Report from 4 measurement points** on a **Yearly** basis with last measurement **0.19 mg/m<sup>3</sup>** on **31/12/2021** .

2 Legal compliance VOC discharge:

Yes  No

 VOC report.png 176.4 KiB [Download](#)

## Hazardous Waste

1 Hazardous waste generation:

Yes  No

2 Hazardous waste generated:

- |  |  |
|--|--|
| <input type="checkbox"/> Electronic                                      | <input type="checkbox"/> Chemicals & Solvents              |
| <input checked="" type="checkbox"/> Chemical Containers                  | <input type="checkbox"/> Gas Cylinders                     |
| <input checked="" type="checkbox"/> Oil & Grease                         | <input checked="" type="checkbox"/> Contaminated Materials |
| <input checked="" type="checkbox"/> Lighting (Light bulbs, fluorescents) | <input type="checkbox"/> Ink Cartridges & Stationary       |
| <input type="checkbox"/> Others (please describe)                        |  |

Hazardous Waste	Tracking Method	Frequency	Last Measurement	Unit	Date
Injection Molding	3rd Party Collection Service monthly invoice	monthly	5	tons	31/08/2022
Machining	Municipal recycle program collection report	Weekly	35	kg	16/09/2022
General facility florescent light usage	3rd party collection service monthly invoice	monthly	70	kg	31/08/2022

3 Hazardous waste disposal

Hazardous Waste	Disposal Method	Legal Compliance (Y/N)
Injection Molding	3rd Party Collection Service	yes
Machining	Municipal Recycling System	yes
General facility florescent light usage	3rd party collection service	yes

## Non-Hazardous Waste

1 Non-Hazardous waste generation level tracking/inspection:

Yes  No

Facility tracks by **Municipal waste collection** on a **Weekly** basis with last measurement **15 Gallons Bin** on **30/09/2022**

## 2 Non-Hazardous waste disposal method:

Municipal waste collection

## 3 Legal compliance Non-Hazardous waste disposal:

Yes

No

# Noise Pollution

## 1 Noise Pollution Track

Yes

No

Source of Noise Pollution	Tracking Method	Frequency	Last Measurement	Unit	Date
Plastic Material Grinder	Decibel Meter	Monthly	100	db	16/09/2022
Generator	Decibel Meter	Monthly	110	db	31/08/2022

## 2 Noise pollution reduction plan:

Yes

No

Factory plan to purchase new version generators in 2023 which is expected to reduce noise level by 20%. Started in May 2022, all machinery generating noise over 90 db will put extra insulation where possible to keep noise level 90 db or below as much as possible.

# Best Practices Sharing

We have been following government schemes by allocating specific meterage of reclaimed land to increase biodiversity levels and create a natural buffer zone between the adjacent road and industrial park.