



## ENVIRONMENTAL PROTECTION AGENCY

# *Environmental Permit*

EPA/TaR/EA 1 /CT/573/24/000573

ENVIRONMENTAL PROTECTION AGENCY ACT, 1994 (ACT 490)  
**ENVIRONMENTAL ASSESSMENT REGULATIONS, 1999 (LI 1652)**

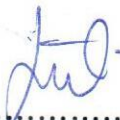
*This is to Certify that*

Authorisation has been given to

### **GHANA RUBBER ESTATES LIMITED**

Located at Manso Amenfi in the Wassa Amenfi Central District of the Western Region.  
To continue operating the existing natural rubber collection centre facility  
as per the attached schedule

From SEPTEMBER 05, 2024 to MARCH 04, 2026

  
.....  
ING. MOSES M. KPEBU  
(DEPUTY DIRECTOR)  
FOR EXECUTIVE DIRECTOR

SEPTEMBER 05, 2024

*NB: This Permit is only valid with the seal  
of the Environmental Protection Agency and  
the schedule to the permit*

0015580

*Pollution Prevention Pays*



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**Environmental Protection Agency**

P.O.Box 1

Tarkwa

Western Region

## **SCHEDULE TO THE ENVIRONMENTAL PERMIT**

### **1.0 ENTITY PROFILE**

NAME OF ENTITY : GHANA RUBBER ESTATES LIMITED  
ADDRESS : P.O. BOX TD 228  
TAKORADI WESTERN REGION  
CONTACT NO. : (+233) 202 028 232  
EMAIL ADDRESS : aboakye@grel-siph.com  
CONTACT PERSON : AKWASI APAU BOAKYE  
DESIGNATION : HSE/SD MANAGER  
TYPE OF UNDERTAKING : CONCRETE PRODUCTS PRODUCTION

### **2.0 PERMIT IDENTIFICATION DETAILS**

FILE NO. : TaR/CI/573  
PERMIT NO. : EPA/TaR/EA1/CI/573/24/000573  
DATE OF ISSUE : SEPTEMBER 05, 2024  
EFFECTIVE DATE : SEPTEMBER 05, 2024  
DATE OF EXPIRY : MARCH 04, 2026  
PLACE OF ISSUE : TARKWA

### **3.0 LEGAL BASIS FOR THE ENVIRONMENTAL PERMIT**

In pursuance of the Environmental Protection Agency Act, 1994, Act 490 {Sections 2(f)(i) and 12 (1)} and the Environmental Assessment Regulations, 1999 (LI 1652) and on the basis of the information provided in the Environmental Assessment Registration form (EA1) as well as the field assessment conducted by the EPA, this Environmental Permit is issued authorising **GHANA RUBBER ESTATES LIMITED** to continue operating the existing natural rubber collection centre located at Manso Amenfi in the Wassa Amenfi Central District of the Western Region.

### **4.0 PROJECT DESCRIPTION**

The operation of an existing natural rubber cup lumps collection centre at Manso Amenfi

#### **4.1 Facilities and Equipment**

- a) 2 Ton Digital Scale
- b) Natural Rubber Cup Lumps Storage Area
- c) Pay Loader
- d) Parking Lot
- e) Office
- f) Weigh Bridge

#### **4.2 Location and Land Take**

- a) The existing natural rubber collection centre located at Manso Amenfi in the Wassa Amenfi Central District of the Western Region.

**5.0 ENVIRONMENTAL IMPACT AND MANAGEMENT**

Continue to comply with all the prevention, minimization and commitments made in the form EA1 and other conditions prescribed by the EPA.

**5.1 Impacts and Management**

No	Impact	Source	Management	Timeline
1.	Water & Land/Soil	Offices, Washroom, forecourt	<p><b>Liquid Waste</b></p> <p>a) Clean and disinfect washrooms for staff and public use.</p> <p>b) Ensure periodic dislodgement of the septic tanks in conformity with the Wassa Amenfi Central District Assembly bye-laws.</p> <p>c) Liquid waste generated shall be collected via an appropriate, adequate, and functional treatment facility for treatment before discharge.</p> <p>d) Ensure that all wastewater discharges comply with the <i>Ghana Standard for Environment and Health Protection - Requirements for Effluent Discharge (GS 1212:2019)</i> for all effluent discharge from the facility.</p> <p><b>Storm Water Management</b></p> <p>a) Clean and maintain all existing drainage ways in and around the facility.</p> <p><b>Solid Waste</b></p> <p>a) Ensure that waste generated by facility is classified in accordance with Regulation 3 of the <i>Hazardous, Electronic and Other Wastes (Classification), Control and Management Regulations, 2016 (LI 2250)</i>.</p> <p>b) Provide well-labelled colour-coded litter bins and ensure proper solid waste segregation within the facility.</p> <p>c) Comply with Wassa Amenfi Central District Assembly's byelaws on sanitation.</p> <p>d) Implement good housekeeping practices.</p>	<p>All times</p> <p>All times</p> <p>All times</p> <p>All times</p> <p>All times</p> <p>All times</p> <p>All times</p> <p>All times</p> <p>All times</p> <p>All times</p>
2.	Air Quality	Raw Material Area, Forecourt, Equipment & Machines,	<p>a) Employ appropriate methods to prevent or minimize dust during operation.</p> <p>b) Dowse the yard during operation.</p> <p>c) Ensure that loaded haulage trucks are fully covered with tarpaulin.</p> <p>d) Maintain stockpiles at minimum heights and in the optimum shape to reduce wind erosion.</p> <p>e) Develop and adhere to a maintenance schedule in line with manufacturer's prescription.</p>	<p>All times</p> <p>Regularly</p> <p>All times</p> <p>All times</p> <p>All times</p>

			f) All air emissions from the operational activities into the external environment shall meet the <b><i>Environment and Health Protection – Requirements for Ambient Air Quality and Point Source/Stack Emission (GS 1236:2019).</i></b>	All times
3.	Noise	Equipment and Machines, Offices, Forecourt	<p>a) Ensure that noise levels are in accordance with <b><i>Ghana Standard for Environment and Health Protection- Requirements for Ambient Noise Control (GS 1222:2018).</i></b></p> <p>b) Develop and adhere to a maintenance schedule in line with manufacturer's prescription.</p> <p>c) Ensure that the operation of your facility does not cause noise nuisance to your neighbours.</p> <p>d) Comply with the Wassa Amenfi Central District Assembly's bye-laws on noise.</p>	All times All times All times All times
4.	Occupational, Health & Safety Hazards	Offices, forecourt	<p>a) Maintain cautionary notices at vantage points.</p> <p>b) Provide appropriate personal protective equipment (PPE) for workers.</p> <p>c) Maintain an assembly point at an appropriate location.</p> <p>d) Ensure that first aid kits are appropriately stocked.</p> <p>e) Ensure proper ventilation and lighting at the facility.</p> <p>f) Ensure servicing of firefighting equipment.</p> <p>g) Ensure all staff are trained and are competent to discharge their duties.</p> <p>h) Maintain demarcations for public and restricted areas at the forecourt.</p> <p>i) Maintain records of all maintenance works.</p>	All times All times All times All times All times All times Annually All times All times
5.	Traffic	Forecourt	<p>a) Make adequate provision for parking of vehicles.</p> <p>b) Ensure adequate and illuminated entry and exit points.</p> <p>c) Maintain installed traffic directional signs to aid in parking and movement of vehicles within the facility.</p> <p>d) Plan and manage site activities to minimize disruption to local traffic</p>	All times All times All times All times
6.	Additional Directives	Offices, forecourt	<p><b>Resource Management</b></p> <p>a) Educate employees on efficient resource use.</p> <p>b) Implement resource efficiency measures for sustainable management</p>	All times All times

## 5.2 Decommissioning

Should the company cease operations at the current site, a notification and decommissioning plan for the site and activities shall be submitted to the Agency and the necessary approvals/permits

obtained from the Agency prior to decommissioning the current operations.

## 6.0 EPA LEGAL REQUIREMENTS

Comply with all applicable EPA laws, standards and guidelines including:

- a) Environmental Protection Agency Act, 1994 (Act 490)
- b) Environmental Assessment Regulations, 1999 (LI 1652)
- c) Hazardous and Electronic Waste Control and Management Act, 2016 (Act 917)
- d) Hazardous Electronic and Other Wastes (Classification), Control and Management Regulations, 2016 (LI 2250)
- e) Fees and Charges (Miscellaneous Provisions) Act, 2022 (Act 1080)

### Standards

- a) Ghana Standard for Environment and Health Protection – Requirements for Ambient Air Quality and Point Source/Stack Emissions (GS 1236:2019).
- b) Ghana Standard for Health Protection – Requirements for Ambient Noise Control (GS 1222:2018).
- c) Ghana Standard for Environmental Protection – Requirements for Effluent Discharge (GS 1212:2019)

## 7.0 COMPLIANCE WITH OTHER RELEVANT REGULATORY REQUIREMENTS

Notwithstanding this permit, the **Concrete Product Factory** is further subject to other relevant regulations and permits pertaining to the sector and must be observed. These include the following amongst others:

### 7.1 Acts of Parliament

- a) Factories, Offices and Shops Act, 1970 (Act 328)
- b) Public Health Act, 2012 (Act 851)
- c) Persons with Disability Act, 2006 (Act 715)
- d) Ghana Standards Authority Act, 2022 (Act 1078)
- e) Water Resources Commission Act, 1996 (Act 522)
- f) Local Governance Act, 2016 (Act 936)

### 7.2 Regulations

- a) Fire Precaution (Premises) Regulations, 2003 (LI 1724)
- b) Wassa Amenfi Central District Assembly Bye-Laws
- c) Ghana Building Code (GS 1207:2018)

## 8.0 ENVIRONMENTAL MONITORING

No.	INDICATOR	PARAMETER	FREQUENCY
1.	Noise	<ul style="list-style-type: none"> <li>• Equivalent Noise Level (LAeq)</li> </ul>	Bi-annually
2.	Air Quality	<ul style="list-style-type: none"> <li>• Total Suspended Particulate</li> <li>• Particulate Matter (PM<sub>2.5</sub> &amp; PM<sub>10</sub>)</li> <li>• Sulphur Dioxide (SO<sub>2</sub>)</li> <li>• Nitrogen Oxides (NO<sub>2</sub>)</li> </ul>	Annually
3.	Liquid Waste	<ul style="list-style-type: none"> <li>• No. of dislodgement of septic tank</li> </ul>	When necessary
4.	Waste (General & Hazardous)	<ul style="list-style-type: none"> <li>• Quantities generated</li> <li>• Quantities disposed</li> <li>• Quantities reused</li> <li>• Quantities recycled</li> </ul>	Annually

5.	Occupational Health and Safety	• Nature and no. of incidents and accidents	As and when it happens
6.	Traffic	• No. of traffic Accidents at the facility	As and when it happens
7.	Fire Out break	• No. of Fire outbreaks	As and when it happens

## 9.0 ENVIRONMENTAL REPORTING

- a) Submit an Annual Environmental Report on the operations of the undertaking in accordance with Regulation 25 of LI 1652.

## 10.0 RIGHT OF ENTRY

The company shall allow authorized representatives of the EPA to enter the facility at all times to:

- Access and verify records that must be kept under this permit.
- Inspect any facilities, equipment, practices and/or operations regulated or required under this permit.
- Monitor substances and/or parameters for the purposes of ensuring compliance with this permit, the *EPA Act, 1994 (Act 490)* and the *Environmental Assessment Regulations, 1999 (LI 1652)*.

## 11.0 NOTIFICATION

### 11.1 Changes to Project

- Notify EPA of any changes in the existing Concrete Product Factory contrary to the information provided in the AER and seek approval before implementation.
- The Agency may make changes to the project and notify the entity in writing in the event that the continuous operations pose danger to public safety and have or are likely to have adverse impacts on the environment.

## 12.0 MISCELLANEOUS

### 12.1 Validity Period

This Permit shall be valid for eighteen (18) months effective **September 05, 2024** and shall expire on **March 04, 2026**.

### 12.2 Renewal of Environmental Permit

- This Permit shall be renewed within 18 months by submitting the necessary documents to the Agency.
- Application for renewal must be submitted **three (3) months** before the expiry of the Permit.

### 12.3 Permit Display

- A copy of this permit shall be displayed prominently within the premises at all times.

### 12.4 Permit Schedule Awareness

- All staff of **GHANA RUBBER ESTATES LIMITED** be fully conversant with those aspects of the permit conditions that are relevant to their duties and shall be provided with adequate technical development and training and written standard operating procedure (SOP) to enable them carry out their duties.
- Provide evidence on sensitization and training programme in the AER.

### 12.5 Permit Limitation

- This permit is **ONLY** limited to the production of concrete products.

- b) This permit **DOES NOT** cover the expansion of project beyond the stated capacity in the AER and relevant documents without obtaining environmental permit.
- c) This permit is **NOT** transferable. It covers **ONLY GHANA RUBBER ESTATES LIMITED's** existing **natural rubber collection centre** located at Manso Amenfi in the Wassa Amenfi Central District of the Western Region.

#### 12.6 Grievance Redress Mechanism

Establish a grievance redress mechanism that shall have the following:

- a) Grievance submission channel
- b) Grievance resolution actions
- c) Complaint or grievance resolution form
- d) Grievance register

#### 12.7 Revocation, Suspension and Cancellation of Permit

The Agency shall revoke or suspend or cancel a permit issued where an Entity:

- a) fails to obtain any other authorisation required by law in relation to his undertaking before commencement of operations.
- b) is in breach of any provision of these Regulations or any other enactment relating to environmental assessment.
- c) fails to make any payments required under these Regulations on the due date.
- d) acts in breach of any of the conditions to which this permit or certificate is subject; or
- e) fails to comply with mitigation commitments provided in AER.

#### 12.8 Penalty For Breach of Conditions of Environmental Permit

Provision of false information or failure to comply with or observe all the permit conditions shall:

- a) Attract administrative penalties and/or fines prescribed in the Fees and Charges (Miscellaneous Provisions) Act, 2022 (Act 1080).
- b) Attract the necessary sanctions as prescribed under Regulation 29 of the Environmental Assessment Regulations, 1999 (LI 1652).
- c) Render this Environmental Permit invalid.

### 13.0 INTERPRETATIONS

In this permit, the following expressions shall have the following meanings:


*"Agency"* - means Environmental Protection Agency established by the Environmental Protection Agency Act, 1994 (Act 490)

*"Entity"* – **GHANA RUBBER ESTATES LIMITED**

*"Application"* - means application for this permit together with any response to a notice served and any other information formally accepted by the Agency as being part of the application for an **Environmental Permit** by **GHANA RUBBER ESTATES LIMITED** to continue operating the existing natural rubber collection centre located at Manso Amenfi in the Wassa Amenfi Central District of the Western Region.

*Providing false information or failure to comply with or observe all the permit conditions above shall attract the necessary sanctions prescribed under the Environmental Assessment Regulations, 1999 (LI 1652) and lead to the suspension, cancellation or revocation of this permit or to prosecution.*

15.0



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**ING. MOSES M. KPEBU**  
**(DEPUTY DIRECTOR)**  
**For: EXECUTIVE DIRECTOR**

**DATE ISSUED: SEPTEMBER 05, 2024**

**16.0 NOTIFICATION**

*The District Chief Executive, Wassa Amenfi Central District Assembly, Manso Amenfi*  
*The Executive Director, Environmental Protection Agency, Accra*  
*The District Fire Officer, Ghana National Fire Service, Manso Amenfi*  
*The Chief Inspector of Factories, Factories Inspectorate Dept., Accra/ Takoradi*