

O/C



# PRADHAN INDUSTRIES

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Ref. No. PI/MC/SPCB-06/ 89 /2018

Date 14.05.2018

The Member Secretary  
State Pollution Control Board, Odisha  
Paribesh Bhawan, A/118,  
Nilakanthanagar, Unit – VIII,  
Bhubaneswar – 751 012

Sub : - Submission of Environment Statement for Financial Year  
2017 – 2018 for Laxmipur Graphite Beneficiation Plant at  
Village Laxmipur, Dist – Koraput in Odisha of M/s. Pradhan  
Industries.

Ref : S.O. 844(E), [19/11/1986], The Environment Protection  
Rules, 1986 & subsequent amendment thereafter.

Dear Sir,

This has reference to the captioned subject and cited reference. We  
are herewith submitting the Environment Statement for the Financial Year  
April 2017 to March 2018 in Form – V of Laxmipur Graphite Beneficiation Plant  
at Village Laxmipur, District Koraput in Odisha. The Form – V duly filled and  
signed is enclosed herewith for your perusal and necessary records.

Thanking you,

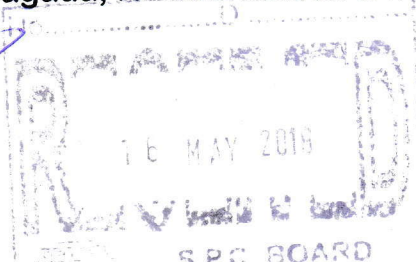
Yours faithfully,  
For M/s. PRADHAN INDUSTRIES

  
(Sunandan Pradhan)  
PARTNER

Encl.: As above

Copy to : The Regional Officer, State Pollution Control Board, Odisha,  
Raygada, for information & necessary action.

Recd  
18/5/18



Factory : At/P.O.-LAXMIPUR-765013, DIST.- KORAPUT, ODISHA, PHONE : 06855-268524  
AT-BANDHAMANDI, P.O.- SIKARPAI, DIST - RAYGADA-765 001, PHONE : 06856-212022  
AT - BAINIBASA, P.O. - MUNIGUDA, DIST. - RAYGADA - 765020

**FORM – V**  
(See Rule – 14)

**ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR 2017 – 2018**

**PART – A**

1. Name & address of the owner / Occupier of the Industry Operation or Process : Sunandan Pradhan,  
Partner  
Laxmipur Graphite Beneficiation Plant of M/s. Pradhan Industries  
**REGISTERED OFFICE**  
Near Purighat Police Station,  
Telenga Bazar, Cuttack – 09  
(Odisha)
2. Industry category Primary / Secondary (STD Code) : Primary
3. Production Capacity : 60 TPM Graphite Powder
4. Year of establishment : 1984
5. Date of Last Environment Statement submitted : 17.05.2017

**PART – B**

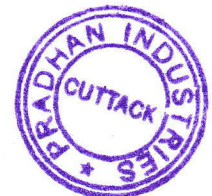
**WATER & RAW MATERIAL CONSUMPTION**

- i. Water Consumption in m<sup>3</sup>/day : - NIL

Name of Product	WATER CONSUMPTION PER UNIT OF PRODUCT OUTPUT	
	During the year 2016-17	During the year 2017-18
Graphite Powder	NIL	NIL

- ii. Raw Material Consumption : - NIL

Name of Raw material	Name of Product	CONSUMPTION OF RAW MATERIAL	
		During the year 2016-17	During the year 2017-18
Graphite Powder	Graphite Powder	NIL	NIL



**PART - C**

**Pollution discharged to environment / unit of output  
(Parameter as specified in the consent issued)**

<b>Pollutants</b>	<b>Quantity of pollutants discharged (mass / day)</b>	<b>Concentrations of pollutants in discharges (mass / volume)</b>	<b>Percentage of variation from prescribed standards with reasons</b>
a) Water : - No monitoring activity since the plant is not operational			
b) Air : - No monitoring activity since the plant is not operational			

**PART - D**

**HAZARDOUS WASTE**

**As specified under Hazardous Waste (Management, Handling, & Storage) Rules 1989**

<b>Hazardous Waste</b>	<b>TOTAL QUANTITY (TONNES)</b>	
	<b>During the year 2016-17</b>	<b>During the year 2017-18</b>
<b>Used Oil / Spent Oil</b>	<b>NIL</b>	<b>NIL</b>

**PART - E**

**SOLID WASTE**

<b>Sources</b>	<b>Total Quantity</b>	
	<b>During the year 2016-17</b>	<b>During the year 2017-18</b>
a) From Process	<b>NIL</b>	<b>NIL</b>
b) From pollution control facility		
c) Quantity recycled or re-utilized		



## PART – F

Please specify the characteristics (In terms of composition and quantum) of hazardous as well as solid waste and indicate disposal practice adopted for both these categories of wastes.

Used / waste oil, waste containing oil etc., are the prime hazardous Waste basically from the maintenance of the following.

- (1) Dumpers
- (2) JCB's
- (3) Water Tankers
- (4) Other Maintenance

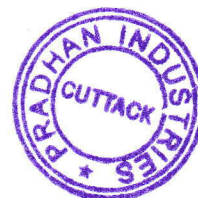
The plant is not operational due to want of environmental clearance. Also, the transport vendors will be providing the services for vehicles and we will not have any vehicle or earth moving equipment in the inside our plant site. Hence, the generation of hazardous wastes like used oil and waste containing oil etc. will be Nil from maintenance of vehicle.

## PART – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

The plant is not operational due to want of environmental clearance. However the following abatement measures were adopted during the plant operation.

- ❖ Raw material was stacked separately for use in the beneficiation plant.
- ❖ Scientific and systematic use of heavy machines and vehicles for optimum use of fossil fuel.



## PART – H

### **Additional measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution**

The plant is not in operation due to want of environmental clearance as stated earlier; however, the following environment protection measures were undertaken during its operation and shall be adopted during the operation of the plant -

- ✓ Installation of adequate dust suppression systems at all the potential dust generating sources and material transfer points.
- ✓ Proper care while stacking of Graphite ore fines to avoid washing out during rains.
- ✓ Graphite fines are not allowed to mix with surface runoff to nearby water bodies.
- ✓ Tailings generated from the beneficiation process disposed off in designated tailing pond.
- ✓ The characteristics of tailings generated from the plant are mostly silica. The tailing pond is away from river / nala and is only 1 mtr below ground. Ground water table being at 15 to 18 m bgl, safe height is maintained between tailing pond and ground water table.
- ✓ Plantation of local evergreen and fast growing plants to prevent the generation of dust.
- ✓ Tailing pond construction has been done with utmost technical care and thick green belt has been developed in nearby areas.

## PART – I

### **Any other particulars for improving the quality of the environment**

- ✓ Enhancement of plantation work with huge number of local species.

