

PRADHAN INDUSTRIES

Regd. Office : Telenga Bazar, Cuttack - 753 009, Odisha Head Office : Plot No. C-1235, Sangam Palace, 2nd Floor, Sector 6 , CDA, Cuttack-753014. E-mail : pradhanindustriesctc@yahoo.com website : www.pradhanindustries.com

Ref. No. PI/MC/SPCB-06/264 /2020

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 2019 – 2020 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 2019 to March 2020 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

भारतीय डाक

India Post

(Sunandan Pradhan) PARTNER

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Copy to : The Regional Officer, State Pollution Control Board, Odisha, Rayagada, for information & necessary action. Dial 18002666868> (Expect Delay in Delivery)

Factory : At/P.O.-LAXMIPUR, DIST - KORAPUT-765013, ODISHA AT-BANDHAMANDI, P.O.- GODIBALI, DIST - RAYGADA-765 001, ODISHA AT - BAINIBASA, P.O. - MUNIGUDA, DIST. - RAYGADA - 765020, ODISHA

FORM – V

(See Rule – 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR 2019 - 2020

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 <u>REGISTERED OFFICE</u> Telenga Bazar, Cuttack – 09 (Odisha)
2.	Industry category Primary / Secondary (STD Code)	•	Primary
3.	Production Capacity (as per CTO)	:	2880 TPA Graphite Powder
4.	Year of establishment	:	1984
5.	Date of Last Environment Statement submitted	:	24.05.2018

PART – B

WATER & RAW MATERIAL CONSUMPTION

i) Water Consu	Imption in m³/day : -	82.08 M ³ /Day	
Name of Product	WATER CONSUMPTIO	N PER UNIT OF PRODUCT JTPUT	1
	During the year 2018-19	During the year 2019-20	1
Graphite Powder	9.35	9.88	5

ii) Raw Material Consumption : -

\$ 7

608 MT

Name of	Raw	Name of Product	CONSUMPTION OF RAW MATERIAL		
material			During the year	During the year	
			2018-19	2019-20	
Graphite Pov	wder	Graphite Powder	755.75 MT	608 MT	



<u>PART – C</u> Pollution discharged to environment / unit of output (Parameter as specified in the consent issued)

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Pollutants	Quantity of pollutants discharged (mass / day)	Concentrations of pollutants in discharges (mass / volume)	Percentage of variation from prescribed standards with reasons
(Since	e, we are working on "ZERC are discharged to	Nil DISCHARGE CONC outside of the Plant a	EPT", no pollutants rea.)

PART – D

HAZARDOUS WASTE

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

Hazardous Waste	TOTAL QUANTITY (TONNES)		
	During the year 2018-19	During the year 2019-20	
Used Oil / Spent Oil	NIL	NIL	

PART – E

SOLID WASTE

	Total Quantity		
Sources	During the year 2018-19	During the year 2019-20	
From Process	141.65 MT	122.05 MT	
From pollution control facility	NIL	NIL	
Quantity recycled or re- utilized	NIL	47.40 MT	



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.

- a. Dumpers
- b. JCB's

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- c. Water Tankers
- d. Other Maintenance

The transport vendors will be providing the services for vehicles and we will not have any vehicle or earth moving equipment of our own 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 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.



<u> PART – H</u>

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

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 Semi-processed Graphite concentrates to avoid washing out of during rains.
- ✓ Tailings generated from the beneficiation process disposed off in designated tailing pond.
- ✓ 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.



For M/s. PRADHAN INDUSTRIES

(Sunandan Pradhan) PARTNER