

ANAND EXPORTS



Ref No-AE/MS/51/23-24

To,

The member Secretary
State Pollution Control Board, Odisha
Parivesh Bhawan
A/118, Nilakantha Nagar, Unit- VIII
Bhubaneswar- 751012

Date: 29th February 2024

Sub: Environmental Statement of Anand Exports, Jajpur for 2023-24.

Dear Sir,

Kindly find attach herewith the Environmental Statement in the prescribed format (Form V) as per "Environmental (protection) Amendment Rules 1992" of our Anand Exports for your kind perusal.

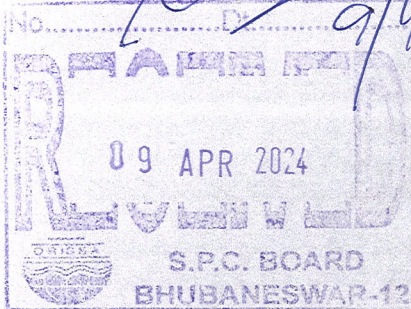
Thanking You,

Yours faithfully

M/S Anand Exports
~~Anand Exports~~

L. Mahapatra
Encl: As above.

Copy to: The regional officer, State Pollution Control Board, At: Jajpur – 755026, Odisha.



FORM – V
(See Rule 14)

The Ministry of Environment & Forests vide its Notification dated 13 March'1992 directed all industries which need to have consent under Water (Prevention & Control of Pollution)'1974 and Air (Prevention & Control of Pollution), 1981 to file the Environmental Statement every year. This is to be filed for the period ending 31st March by September every year.

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING 31ST MARCH'2023

PART-A

| | | |
|----|--|--|
| 1. | Name and address of the owner/ Occupier of the industry, Operation or Process. | Anand Exports Sri. Jitendriya Mohapatra (Partner) At: Nimapali, Golagaon, Post- Pankapal Sasan, Dist- Jajpur, Odisha- 755026 |
| | Nominated Owner | Sri. Jitendriya Mohapatra (Partner) |
| 2. | Industry Category | Chrome Ore Beneficiation Plant |
| 3. | Production Capacity | 1,20,000 TPA |
| 4. | Year of Establishment | 2006 |
| 5. | Date of Last Environmental statement submitted. | |

PART-B

Water and Raw Material Consumption

1. Water Consumption :

| S. No. | Consumption Head | Process Water consumption per unit of product output | |
|--------|------------------|--|-----------------------------------|
| | | During the Previous Financial Year | During the Current Financial Year |
| 1 | Process | 7.38 KLD | 7.28 KLD |
| 2 | Cooling | -- | -- |
| 3 | Domestic | 5 KLD | 5 KLD |

2. Raw Material Consumption

| Name of Raw Materials | Name of Products | Consumption of Raw Material per Unit | |
|-----------------------|--------------------|---|---|
| | | During the Previous Financial Year | During the Current Financial Year |
| Chrome Ore | Chrome Concentrate | 1.54 MT of Chrome Ore Fines consumption for 1 MT concentrate production | 1.54 MT of Chrome Ore Fines consumption for 1 MT concentrate production |

*Industry may use codes if disclosing details of raw materials would violate contractual obligations, Otherwise all industries have to name the raw material used.

PART-C

Pollution discharged to Environment/ Unit of output (Parameter as specified in the consent used)

| Pollution | Quantity of Pollutants Discharged (mass/day) | Concentration of Pollutants in discharges (mass/day) | Percentage of variation from prescribed standards with reasons |
|-----------|---|--|--|
| (a) Water | <ul style="list-style-type: none">Wash water generated is completely recycled.Garland drain with settling tank supported with FeSO₄ Treatment is provided to control Hexavalent Chromium. If any generated during rainy season from raw material stack yard, finished product stack yard and dump area.Domestic effluent generated from the plant will be treated in Septic Tank and will be discharged to Soak Pit. | | |
| (b) Air | <ul style="list-style-type: none">Water sprinkling arrangement is provided to control the fugitive emissions from potential dust generating points.Thick & dense vegetation is also placed in all surrounding the area which significantly reduced the pollution load. | | |

PART-D

Hazardous Wastes

(As specified under Hazardous Waste Management and Handling Rules, 2016 and amendment thereof)

| Hazardous Wastes | Total Quantity (Kg) | |
|---|------------------------------------|-----------------------------------|
| | During the Previous Financial Year | During the Current Financial Year |
| (a) From Process ETP Sludge disposal | 614450 KG | 704750 KG |
| (b) From Pollution Control Facilities | -- | -- |

PART-E

Solid Wastes

| Particulars | Total Quantity | |
|--|--|--|
| | During the Previous Financial Year | During the Current Financial Year |
| (a) From Process | 112 to 184 TPD | 112 to 184 TPD |
| (b) From Pollution Control Facility | -- | -- |
| (c)(1) Quantity Recycled or Reutilized within the Unit | -- | -- |
| (2) Sold | -- | -- |
| (3) Disposed | Dumped in earmarked dumping area of 7 acres. | Dumped in earmarked dumping area of 7 acres. |

PART-F

Please specify the characterization (in terms of composition and quantum) of Hazardous as well as Solid Wastes and indicate disposal practice adopted for both these categories of wastes.

- The unit will generate tailings of 112 TPD to 184 TPD based on the raw material feed grade of 42 & 30 % respectively. It will be dumped in earmarked dumping area of 7 acres, which will be adequate for 5 Years.

PART-G

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

- Environmental Management cell is established to look after the day to day environmental monitoring required at COB Plant at Nimapali, PO : Golagaon , Jajpur.
- Water sprinkling arrangement is provided to control the fugitive emissions from potential dust generating points.
- Garland drain is provided around raw material and finished product stack yard and same is connected to ETP.
- Run-off from tailings disposal area is taken to ETP to convert Hexavalent Chromium to Trivalent Chromium before discharge to Outside.
- 33% of total area is reserved for Greenbelt area which prevents in spread of fugitive emissions and work as a noise barrier.

PART-H

Additional measures/ investment proposal for Environmental abatement of pollution, prevention of pollution.

- Water spraying on haulage road, dumping site, etc. for dust suppression
- 33% Plantation proposed & under implementation within the lease area for developing green belt.
- For domestic water septic tank, soak pit and Sewage Treatment Plant are under implementation.

PART-I

Any other particulars for improving the quality of the environment.

- The unit is having a full-fledged Environmental Management department with well qualified personnel from environmental background to take care of all aspects relating to processing plant of unit.
- The unit has established plantation in and out of plant premises, for conservation of biodiversity.
- All above efforts make the unit clean – green and sustainable. In the financial year 2023- 24, Rs 18.25 Lakhs are spent on various environmental activities from M/S Anand Exports.


Mahapatra
Partner

SIGNATURE

M/s Anand Exports