



GUJARAT INDUSTRIES POWER COMPANY LTD.

RPAD

SLPP/Vastan Mines/ GPCB/Form -V/2017-18/1238

6th April 2018

To,

Regional Officer, Surat
Gujarat Pollution Control Board,
338, Belgium square, Opp. Linear Bus Stand,
Surat.

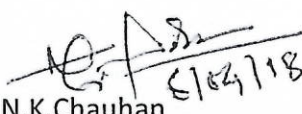
Sub: Submission of Form -V in respects of Vastan Lignite Opencast Mine, Surat region (GPCB ID-20748) for the year 2017-18.

Dear Sir,

Kindly find enclosed herewith duly filled Environment Statement in Form -V of Vastan Lignite opencast mine for the year ~~2016-2017~~ 2017-18 duly signed by competent authority.

Hope you will find the statement in order.

Thanking you,
For, Gujarat Industries Power Company Limited


N.K. Chauhan
AGM (Mines)

Encl: Form -V


Registered Office & Vadodara Plant :

P.O. Petrochemical, Dist. Vadodara 391 346 Gujarat - INDIA

Phone : EPABX (0265) 2232768/2213/0159 **Fax :** 2231207

E-mail : genbaroda@gipcl.com



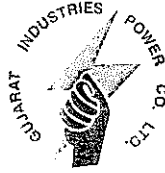
Website: www.gipcl.com

Surat Lignite Power Plant :

Village : Nani Naroli, Ta. Mangrol, Dist.: Surat 394 110. Gujarat-INDIA

Phone : EPABX (02629)261063 to 261072 **Fax :** 261073/74

E-mail : genslpp@gipcl.com



GUJARAT INDUSTRIES POWER COMPANY LTD.

RPAD

SLPP/Vastan Mines/ GPCB/Form -V/ 2017-18/ 1237

6th April 2018

To,

Environmental Engineer,
Gujarat Pollution Control Board,
Sector-10 A,
Gandhinagar (Gujarat).

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Gujarat Pollution Control Board,
338, Belgium square, Opp. Linear Bus Stand, Surat


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FORM- V

ENVIRONMENTAL STATEMENT REPORT for the Year 2017 -2018

INDUSTRY NAME: GUJARAT INDUSTRIES POWER COMPANY LIMITED

VASTAN LIGNITE OPENCAST MINE : GPCB ID: 20748

PART- A

- (i) Name and address of the owner/ Occupier of the Industry, operation or process : Sri N. K. Purohit, CGM (Mines), Surat Lignite Power Plant, P.O. Nani Naroli, Taluka-Mangrol, Dist -Surat 394110
- (ii) Date of the last environmental Audit report submitted : N/A
- (iii) Production Capacity : 1, 50,000 Te of Lignite per month
- (iv) Year of Establishment : 18-09-1996
- (v) Last Environment Statement Submitted : 11-04-2017

PART- B

WATER AND RAW MATERIAL CONSUMPTION

- (i) Water consumption m³/d For Industries use : For water spraying on haul roads and cooling of IC engines of Diesel Machineries & washing of solar plates -average 915 KL Per day
- Domestic : average 6 KL per day
- Green Belt development : average 5KL per day
- Process : Nil

Name of Products	Water consumption per unit of Products	
	During the previous Financial Year	During the Current Financial Year
Lignite	No water is used for production of ignite which is purely an excavation activity.	

(ii) Raw Material Consumption

Name of raw material consume	Name of products	Consumption of raw material Per day
N/A		

PART- C

Pollution discharges to environment/ unit of output.

(Parameter as specified in the consent issued)

(i) Pollution	Quality of Pollutants Discharged (Mass/day)	Concentration of Pollutants discharges (mass/volume)	Percentage of variation from prescribed standards
a) Water	No effluent is discharged during excavation process. Only the accumulated rain water is taken out during monsoon period only.		
b) Air	(As per Bi monthly Environment monitoring report of Feb. - March 2018) Ambient air quality: Average concentration for 24 hours exposure of 8 locations PM10 : 67.77 microgram/m ³ PM2.5 : 36.17 microgram/m ³ SO x : 27.58 microgram/m ³ Nox : 23.86 microgram/m ³		within limits

PART- D

(HAZARDOUS WASTES)

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
(a) From process	There is no manufacturing or Chemical process involved for excavation of Lignite. Hence, no hazardous waste is generated. Only the waste /used oil, in liquid form is taken out as a reject from the Heavy Earth Moving Machineries.	
(b) From pollution Control Facilities	N/A	

PART- E SOLID WASTES

	TOTAL QUANTITY (Kg)	
	During the Previous Financial Year	During the Current Financial Year
(a) From Pollution Control Equipment	N/A	

(Handwritten signature)

(b) From Process

N/A

PART- F

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

The waste oil in liquid form is sent to authorized recycler (M/s S.R. Lubricants , Ahmedabad) for disposal

PART- G

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

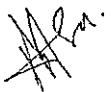
PART- H

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

1. Continuous water spraying is done on haul roads, OB dump, lignite stock yard, OB & lignite cutting areas.
2. Regular maintenance of haul road to avoid dust generation.
3. Overloading is prohibited to avoid spillage of material on haul roads.
4. Environmental activities like Green belt development.
5. Budget allocation for the year 2018-2019 for environmental safeguard activities:
 - a. Satellite Imaginary: Rs.5.0 Lakh
 - b. Piezometer operation and maintenance for Ground Water Monitoring: 0.50 Lakh
 - c. Environment monitoring: Rs. 03.00 Lakh
 - d. Testing Charges 0.20 Lakh
 - e. Green belt development : Rs 20.77 Lakh
 - f. Water spraying on haul roads: Rs. 90.0 Lakh Approx.

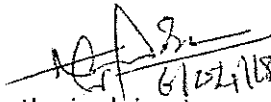
PART- I

Any other particulates in respect of environmental protection and abatement of pollution:

Prepared By  Ajay Kumar Ambastha
Sr. Manager (HSE)

Date : 06.04.2017

For
M/S Gujarat Industries Power Company Limited


Authorized signatory
N.K. Chauhan
AGM (Mines)