



GUJARAT INDUSTRIES POWER COMPANY LTD.

RPAD

SLPP/Mangrol Mines/ GPCB/Form -V/3410

19 April 2011

To,

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

**Sub: Submission of Form -V In respect of Mangrol Lignite Mine, Surat region (GPCB ID-29713
Inward No -18064).**

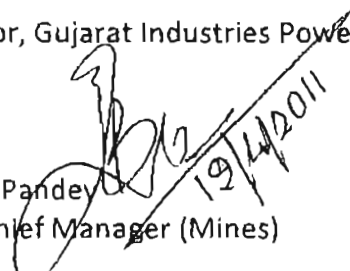
Dear Sir,

Pls find enclosed herewith duly filled Environment Statement in Form -V for the year 2010-11
duly signed by competent authority.

Hope you will find the statement in order.

Thanking you,

For, Gujarat Industries Power Company Limited


P. Pandey
Chief Manager (Mines)

Encl: Form -V

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

Registered Office & Vadodara Plant :

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

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

E-mail : genboroda@gipcl.com



"An IMS Company"

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

ENVIRONMENTAL STATEMENT REPORT for Year 2010 -2011

INDUSTRY NAME: GUJARAT INDUSTRIES POWER COMPANY LIMITED

MANGOL LIGNITE MINE

GPCB ID: 29713

PART- A

- (i) Name and address of the owner/ Occupier of the Industry, operation or process : Sri N.K.Purohit, AGM (Mines),
Turat 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 : 4.2 MTPA
- (iv) Year of Starting of Production : 22-May-2010
- (v) Last Environment Statement Submitted : ---

PART- B

WATER AND RAW MATERIAL CONSUMPTION

- (i) Water consumption m³/d
Cooling: (Spraying) : For water spraying on haul roads and cooling of IC engines of Diesel Machineries -average 703200 liters /day
Domestic : average 1200 Litre 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 Lignite. It is found in natural form under surface and taken out after excavation of overburden.	

(ii) Raw Material Consumption

Name of raw material consume	Name of products	Consumption of raw material Per day
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 Karam Petroleum, Valsad & M/s Vadiwala Industries New Ahmadabad, for disposal in filled up in barrel.

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 to suppress dust during movement of vehicle..
2. Regular cleaning of haul road to avoid dust generation.
3. Overloading is strictly prohibited to avoid spillage of material on haul roads.
4. Environmental activities like Green belt development are being carried on by NGO, M/S DEEP.
5. Budget allocation for the year 2010-2011 for environmental safeguard activities:
 - a. Environment Expenses (Green Belt Development & Protection, Dump Maintenance, Preparation of Silting Pond) : Rs. 32.10 Lacs
 - b. Testing charges: Rs. 0.4 Lac
 - c. Contract has been awarded for tar tapping over WBM road to prevent dust emission: Rs. 5.00 Cr
 - d. Laboratory related equipments and spares repair of env. Monitoring equipments: Rs. 0.4 Lacs
 - e. Maintenance of Mines road to prevent dust emission : Rs. 5.00 Lacs
 - f. Repairing of service roads from O/P stock yard to I/P stock yard to prevent dust emission: Rs. 5.00 Lacs
 - g. Fire & Safety (Prevention of fire on stock yard) : Rs. 12.00 Lacs
 - h. Water spraying on haul roads: Rs. 50.00 Lacs

PART- I

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

For

Date: 19-4-2011

Prepared by:
A. B. Vaidya
(Engineer Mines)

M/S Gujarat Industries Power Company Limited
Margol Lignite Mine

(Authorized Signatory)

F. Pandey

Chief Manager (Mines)

19/4/2011

