



Consent For Establishment (CFE)

Karnataka State Pollution Control Board

- Tumkur

Plot No.97, KIADB Complex,

Anthrasanahalli Indl Area, Sira Road, Lingapura,

Tumkur-572106

Tele : 0816-2211022

PCB ID: 29012

Consent No. CTE-102527 Valid upto:  
30/12/2020

Consent Order No: CTE-102527

515

Date: 30/05/2016

31/5/16

To,

The Occupier,

Ms Karnataka Solar Power Development Corporation Ltd

Karnataka Solar Power  
Development Corporation Ltd,  
KSPDCL,2nd Floor, South  
Block

Sir,

Sub: Consent to Establish new activity under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981

Ref: 1.CFE application submitted by the industry/organization on 30/05/2016 at regional Office - Tumkur

2. Inspection of the project site by Regional Officer - Tumkur on 30/05/2016

With reference to the above, it is to be informed that, the Board hereby accords **Consent for Establishment** for new Activity under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 at the location indicated below subject to the following terms & conditions

Location:

Name of the Industry: Ms Karnataka Solar Power Development Corporation Ltd

Address: 194/1,194/2,198,200/1,189,190/17,185,....., Nagalamadke Hobli, Pavagada.

Industrial Area: Balasamudra,Tirumani,Vallur,...

Taluk: Pavagada, District: Tumkur

1. This consent for establishment is valid up to 30/12/2020 from the date of issue.
2. The applicant shall not undertake expansion/diversification without the prior consent of the Board.
3. The applicant shall obtain necessary license/clearance from other relevant statutory agencies as required under the law.
4. This consent is granted considering the following activities:

Sr	Product Name	Applied Qty/Month	Unit
1	Solar Power Energy	2000.0000	MWH

am/dam(10)

3/6/2016

DSM(10)  
4/6/16





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**I. WATER CONSUMPTION:**

1. The source of water shall be from **Borewell** and total water consumption shall be as below.
- | Particulars      | Water consumption(KLD) |
|------------------|------------------------|
| Domestic Purpose | 1.0                    |

**II. WATER POLLUTION CONTROL:**

1. The industry shall treat the domestic wastewater from the factory in septic tank with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be designed as per IS 2470 Part - I and Part - II.
- 2(a). The industry shall treat the domestic wastewater in the Sewage Treatment Plant (STP) as per the proposal submitted. It shall meet the standards specified in Annexure-I & shall be used on land for gardening/greenbelt within the factory premises.
- 2(b). Domestic Sewage shall be discharged to Underground drainage System/ Sewers owned by Local body.

**Discharge of effluents under the Water Act:**

Sl. No.	Description	Permitted Quantity of discharge in KLD	Mode of disposal
1	Domestic Purpose	0.800	As above

**III. WATER CESS:**

1. The industry shall comply with the provisions of Water (Prevention and Control of Pollution) Cess Act, 1977, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said Water (Prevention and Control of Pollution) Cess Act, 1977, and 2003.

**IV. AIR POLLUTION CONTROL:**

1. The Source of emission, Stack height & Air Pollution Control (APC) measures shall be as specified in ANNEXURE-II.

**V. NOISE POLLUTION CONTROL:**

1. The industry shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e. 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in the Environment (Protection) Rules.

**VI. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:**

1. The industry shall collect, treat and dispose off all solid waste generated from the process other than wastes covered under the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008, in such manner so as not to cause environmental pollution.
2. The details of solid waste generated from the proposed plant and mode of disposal shall be as below.

**VII. HAZARDOUS WASTES (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES 2008:**

1. The industry shall apply and obtain authorization under Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008, and comply with the conditions of the authorization. The applicant shall apply for authorization along with the consent for operation (CFO) application under the Rules in Form-I to obtain authorization and comply with conditions.



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**VIII. GENERAL:**

1. The industry shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
2. The industry shall not commission the proposed plant for trial or regular production unless necessary Water & air pollution control equipments are installed as specified in the Consent Order.
3. The industry shall ensure that the treatment plant and control equipments are completed and commissioned simultaneously along with construction of the factory and erection of machineries.
4. The industry shall not change or alter (a) raw materials or manufacturing process, (b) change the products or product mix (c) the quality, quantity or rate of discharge/emissions and (d) install/replace/alter the water or air pollution control equipments without the prior approval of the Board.
5. The industry shall immediately report to the Board of any accident or unforeseen act or event resulting in release of discharge of effluents or emissions or solid wastes etc. in excess of the standards stipulated. And the industry shall immediately take appropriate corrective and preventive actions under intimation to the Board.
6. The Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions.
7. This CFE does not give any right to the Party/Project Authority/Industry to forego any other legal requirement, that is necessary for setting/operation of the plant.
8. The industry shall furnish pointwise compliance to the conditions given under this consent for establishment along with the application for Consent to operate.
9. The applicant is liable to reinstate or restore, damaged or destroyed elements of environment at his cost, failing which, the applicant/occupier as the case may be shall be liable to pay the entire cost of remediation or restoration and pay in advance an amount equal to the cost estimated by Competent Agency or Committee.
10. The Project authorities shall apply and obtain prior consent of the Board for any new air pollution sources in future.

Please note that this is only consent for establishment issued to you to proceed with the formalities for establishment

of the industry and does not give any right to proceed with trial/regular production. For this purpose, separate consents of the Board for discharge of liquid effluent and the emissions to the air shall have to be obtained by remitting prescribed consent fee. The application for consent has to be made 45 days in advance of commissioning for trial production of the plant.

The receipt of this letter may please be acknowledged.

FOR AND ON BEHALF OF  
KARNATAKA POLLUTION CONTROL BOARD



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BHEEM SINGH GOWGI SK - Environmental  
Officer

**Note:**

The following Conditions Nil mentioned above are not applicable.

**COPY TO:**

1. Master copy (Dispatch).
2. Office copy.

**ANNEXURE- I**

S/no	Characteristics	Tolerance Limits
1	Colour and Odour	See Note
2	Suspended Solids, mg/l.max	30
3	pH Value	5.5 to 9.0
4	Oil and Grease, mg/l, Max	10
5	Bio-chemical Oxygen Demand, mg/l, max ( 3 days at 27 deg/Centigrade)	20

**Note:** All efforts should be made to remove colour and unpleasant odour as far as practicable.

**ANNEXURE- II**

Chi m.N o.	Chimney attached to	KVA Rating/ Capacity	Minimum chimney height to be provided above ground level (in Mtr)	Constituents to be controlled in the emission	Tolerance limits mg/NM3	Air pollution Control equipment to be installed,in addition to chimney height as per col.(4)	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Any Other .....	NA	0 ---	---	---	N.A	Before commissioning.

Note:

N.A ; Not Applicable





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**LOCATION OF SAMPLING PORTHOLES, THE PLATFORMS, THE ELECTRICAL OUTLET.**

**1. Location of Portholes and approach platform:**

Portholes shall be provided for all Chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to at least eight times the stack or duct diameter downstream from any flow disturbance such as bend, expansion, contraction and visible flame. Further, the selected port has to be at least 2 stack/duct diameter before stack/duct exit or from any other flow disturbance. For rectangular stacks, an equivalent diameter can be calculated using following expression.

$$\text{Equivalent Diameter} = \frac{2 (\text{Length} \times \text{Width})}{(\text{Length} + \text{Width})}$$

2. The diameter of the sampling port should not be less than 3". Arrangements should be made so that the porthole is closed firmly during the period when it is not used for sampling.
3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point off 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.

