

KIAL/ED/GEN/2019/229

14 May 2019

The Environmental Engineer  
Kerala State Pollution Control Board (KSPCB)  
District Office, 6th floor  
RUBCO House, South Bazar,  
Kannur, Kerala 670002

Dear Sir/ Madam,

Sub: Submission of Environmental Statement (Form 5) for Kannur International  
Airport for the financial year ending 31<sup>st</sup> March 2019.  
Ref: EC NO: F.NO.11-90/2011-IA-III dated 17<sup>th</sup> July, 2013.

In line with the compliance of above referred EC letter dated 17<sup>th</sup> July, 2013, please find enclosed  
herewith the duly filled Environmental Statement (Form V) for the financial year ending 31<sup>st</sup>  
March, 2019.


We hope this is in line with the requirements.

Thanking You,

Encl: Environmental Statement (Form V)

*Received  
2/5/19  
14.5.19*

Yours faithfully,  
For Kannur International Airport Ltd.

  
14/5/19  
K.P Jose  
Executive Director (Engineering)

**Kannur International Airport Limited**  
CIN: U63033KL2009SGC025103

Registered Office: "Parvathy", T.C.36/1, Chacka, NH Bypass, Thiruvananthapuram- 695 024. Phone: +91 471 2508668/70,  
Fax: +91 471 2508669 E-mail: [managingdirector@kannurairport.in](mailto:managingdirector@kannurairport.in) [www.kannurairport.in](http://www.kannurairport.in)  
Project Office: Project Office, Maruthayi Road, Mattannur, Kannur- 670702, Ph: 0490 2474463 Fax: 0490 2474464

[FORM - V]  
(See rule 14)

**Environmental Statement for the financial year ending the 31<sup>st</sup> March 2019**  
**PART - A**

(i) Name and address of the owner/occupier of the industry operation or process:

	<b>REGISTERED OFFICE ADMINISTRATIVE OFFICE</b>	<b>OCCUPIER</b>
Postal Address	Executive Director (Engineering), Kannur International Airport, Mattannur, Kannur, Kerala India- 670702	Shri. V Thulasidas IAS( Retd) Managing Director Kannur International Airport Mattannur, Kannur, Kerala India- 670702
PIN	670702	670702
Telephone	9446012834	0490-2481000
Fax	Nil	Nil
e-mail	edengg@kannurairport.aero	md@kannurairport.aero
Website	www.kannurairport.aero	www.kannurairport.aero

(ii) Industry category Primary : Red

(iii) Production capacity: Not Applicable, the proposed project is a public transport facility  
Units: Nil

(iv) Year of establishment: 2018

(v) Date of the last environmental statement submitted: Nil

**PART - B**

**Water and River Material Consumption**

(1) Water consumption m<sup>3</sup>/d:

Process: Nil

Cooling: 72

Domestic: 473

Name of Products	Process water consumption per unit of product output	
	During the previous financial Year	During the Current financial Year
	(1)	(2)
(1) No production		
(2)		
(3)		

1. Substituted by Rule 2 (b) of the Environment (Protection) Amendment Rules, 1993 notified vide G.S.R 3'6 (E) dated 22.04.1993.



ii) **Raw Material Consumption (for construction purposes)**

*Name of raw materials	Name of products	Consumption of raw material per	
		Unit of output	
		During the previous financial year	During the year (2013-2019)
1. Cement	Airport construction	Not applicable	88315.84 MT
2. M Sand	Airport construction	Not applicable	279795.23 MT
3. Aggregates	Airport construction	Not applicable	1402130.08 MT
4. Laterite blocks	Airport construction	Not applicable	3365133 Nos
5. Earthwork	Airport construction	Not applicable	42033880.17cum
6. Reinforcement			
TMT Steel	Airport construction	Not applicable	16683.51 MT
7. Bitumen	Airport construction	Not applicable	6984.57 MT

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

**PART - C**

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
a) Water	130 m <sup>3</sup> /day ( Airport entered into its operational phase from 10 <sup>th</sup> December, 2018 )	pH- 5.82 BOD- 1.57 ppm COD- 30.52 ppm TSS- 8 ppm Oil& Grease- 2.8 ppm TDS- 516 ppm Ammonical Nitrogen- 27.74ppm Chlorides- 69.84 ppm Sulphate- 20.84 ppm	Parameters are within limits and treated sewage is reused at site for gardening and as make up water for chillers
b) Air	Ambient air quality was monitored at five locations in the proposed project site.	PM <sub>10</sub> - 56.76 µg/m <sup>3</sup> PM <sub>2.5</sub> - 22.15 µg/m <sup>3</sup> SO <sub>2</sub> -13.09 µg/m <sup>3</sup> NO <sub>x</sub> - 17.05 µg/m <sup>3</sup> CO- 0.39 µg/m <sup>3</sup>	The parameters are within the limits



## PART - D

### Hazardous Wastes

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

Hazardous Waster	Total Quantity (Kg.)	
	During the previous Financial Year	During the current Financial year
Spend oil from DG set and used lead acid batteries	Nil	Nil. Airport entered into operational phase by 09.12.2018 and no generation of spend oil and lead acid batteries for this financial year.

- a) From process: Not applicable, the proposed project is a public transport facility.
- b) From pollution control facilities: Nil

## PART - E

### Solid Wastes

Solid Waste	Total Quantity	
	During the previous financial year	During the current financial year
Biodegradable waste (food waste)	Nil	50 kg/day
Non-biodegradable waste (including paper, glass and plastic waste)	Nil	187 kg/day

From process

- (a) Form pollution control facility : Nil
- (b) (1) Quantity recycled or re-utilized within the unit : Nil  
(2) Sold: Plastic and glass waste is sold out to authorized waste handlers  
(3) Disposed : Nil

## PART - F

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

The hazardous waste is in the form of spent oil and used lead acid battery. The spent oil is disposed to PCB approved recycler meeting all statutory requirements. The used batteries will be disposed only to the manufactures



### **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.

### **PART – I**

Any other particulars for improving the quality of the environment.

- Construction of green belt and plantation of tree around the airport premises
- Biogas plant provided for treating food waste.
- Rainwater harvesting tanks constructed for water harvesting
- Energy conservation measures including water conservation and other green building practices were incorporated for various buildings proposed within the airport complex. Airport building has obtained a GOLD LEED rating in the design of airport building.

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14/5/19

**K.P. JOSE**  
Executive Director (Engg.)  
Kannur International Airport Ltd.  
Mattannur, Kannur-670702