



Ports and
Logistics

Date: 14/09/2021

To,


Regional officer
The Karnataka state Pollution Control Board,
Plot No.14 'B' KIADB, Indi Area, Bethamangala Road,
Tamaka, Kolar- 563101.

**Sub: Environment statement for the financial year ending 31st march 2021 for
M/s ADANI AGRI LOGISTICS LIMITED.**

Dear Sir,

This is with reference to the above mentioned subject, please find enclosed environmental statement in Form V prescribed under rule 14 of the Environment (Protection) Rule 1986, for our Unit at malur for the FY 20-21

For Adani Agri Logistics Limited


Authorized Signatory



Encl. Environment statement in Form V

**ENVIRONMENTAL STATEMENT
FORM-V**

(See Rule – 14)

The Ministry of Environment & Forest 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 March by September 30th every year. The format for the same is as follows:

1. Environmental Audit Report for the financial year ending the 31st March 2021.

PART – A

- (I). Name and address of the owner : **M/s. Adani Agri Logistics Limited**
/ occupier of the industry, **Survey No 137, Dyapasandra village road**
operation or process. **Nr Malur Rly Station, District Kolar**
Malur, Karnataka
Pin: 563130
- (ii). Production capacity : **Food grain Storage**
- (iii). Year of establishment : **2009**
- (iv). Date of the last environmental : **30.09.2020**
Statement submitted

PART - B

WATER AND RAW-MATERIAL CONSUMPTION

- I). WATER Consumption
- Dust suppression : Not Applicable
- Gardening & Irrigation : 0.3 KL/Day
- Domestic : 0.76 KL/Day

Total consumption : 1.06 KL/Day

Name of the product	Water consumption per unit of product	
	Previous Fin. Year 2019-20	Current Fin. Year 2020-21
Not Applicable	Not Applicable	Not Applicable

ii) RAW-MATERIAL CONSUMPTION

Name of Raw-Material	Name of Products	Consumption of Raw Material Per unit of output	
		Previous Fin. Year 2019-20	Current Fin. Year 2020-21
Not Applicable	Not Applicable	Not Applicable	Not Applicable
Food grain handled		10109.298 MT	45627.78 MT

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

PART – C

**DISCHARGE TO ENVIRONMENT /UNIT OF OUTPUT
SPECIFIED IF THE CONSENT ISSUED**

(Parameters as specified in the Consent issued)

Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with reasons
a) Water	Nil	Nil
b) Air	Not Applicable	Not Applicable

PART – D

HAZARDOUS WASTES

(As specified under Hazardous Wastes Management and Handling Rules 1989)

Hazardous Wastes	Total Quantity (Kg)	
	Previous Financial Year 2019-20	Current Financial Year 2020-21
a) From Process	Not Applicable	Not Applicable
b) From Pollution control facilities	Not Applicable	Not Applicable
c) Waste Oil	Nil	Nil

PART - E

SOLID WASTES

Solid Wastes	Total Quantity (Kg)	
	Previous Financial Year 2019-20	Current Financial Year 2020-21
a) From Process	Not Applicable	Not Applicable
b) From Pollution control facilities	Not Applicable	Not Applicable
c) (1) Quantity recycled or reutilizes within the unit.	Not Applicable	Not Applicable
(2) Municipal Solid waste	100	250
(3) Municipal Solid waste Disposed	100	250

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 the categories of wastes.

- Composting is developed for biodegradable wastes (food wastes) and the compost is used for Green belt development within the logistic premises.**

PART - G

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

The Adani Agri Logistic limited. Ambient Air Quality, Ambient Noise, Ground Water and Soil Quality in the periphery of the logistic are being monitored through an agency. Results of monitoring are within the statutory norms and periodical Monitoring Reports are being regularly submitted to the authorities. Periodical Reports of Compliance of Conditions of EC and CFO as well as progress of implementation of directions issued by the authorities from time to time are also being submitted regularly to the authorities.

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.

Thanking you

For Adani Agri Logistics Limited

Authorized Signatory





SLN TESTING LABORATORY

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An ISO 9001 : 2015 and OHSAS Certified Laboratory

15, Premnagar, Pipeline Road, Lagger e, Bangalore - 560 058.

Mob. : 9844086162, 9538888098, E-mail : slntestinglaboratory@gmail.com, Web : www.slnlabs.com



ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name of the Company	M/s. Adani Agri Logistics Ltd
Address	Sy. No. 137, Dyapasandra Village Road, Near Malur Railway Station, Kolar District, Malur-563130, Karnataka.
Name of the Location	Near DG Area
Sample Collected by	Lab Representative
Date of Collection	24/06/2021
Date of Analysis	25/06/2021
Report Number	SLNTL210060701A
Report Date	29/06/2021
Page Number	1 of 1

Results:

Sl. No.	Parameters	Units	Results	NAAQM Standard	Test Method
1	Particulate Matter(PM ₁₀)	µg/m ³	69.8	100.0	IS 5181(Part-23) 2006 (Reaff2017)
2	Particulate Matter(PM _{2.5})	µg/m ³	35.1	60.0	CPCB Manual
3	Oxides of Nitrogen as NO ₂	µg/m ³	26.5	80.0	IS 5182 (Part-6) 2006 (Reaff2017)
4	Oxides of Sulphur as SO ₂	µg/m ³	11.9	80.0	IS 5182 (Part-2) 2001(Reaff2017)
5	Lead as Pb	µg/m ³	BDL	1.0	IS 5182 (Part-22) 2004 (Reaff2014)
6	Carbon Monoxide as CO	µg/m ³	BDL	2.0	IS 5182 (Part-10) 1999(Reaff2014)
7	Ammonia as NH ₃	µg/m ³	10.2	400.0	APHA 3 rd Edition, Part II, 400
8	Benzene as C ₆ H ₆	µg/m ³	BDL	5.0	IS 5182 (Part-11) 2006 (Reaff2017)
9	Benzo (a) Pyrene	µg/m ³	BDL	1.0	IS 5182 (Part-12) 2004 (Reaff2014)
10	Arsenic as As	µg/m ³	BDL	6.0	CPCB Manual
11	Nickel as Ni	µg/m ³	BDL	20.0	CPCB Manual
12	Ozone as O ₃	µg/m ³	8.5	180.0	5182 (Part-9) 1974 (Reaff2014)

Note: - BDL: Below Detection Limit

Report Status: All the above tested parameters are within the NAAQM Standards.

*****End of the Report*****


Authorised Signatory

Note : 1. The results listed pertain only to the tested samples and applicable parameters.

2. Samples will be destroyed after 15 days from the date of issue of test certificates unless & otherwise specified and all perishable samples will be destroyed immediately after tests conducted.

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name of the Company	M/s. Adani Agri Logistics Ltd
Address	Sy. No. 137, Dyapasandra Village Road, Near Malur Railway Station, Kolar District, Malur-563130, Karnataka.
Name of the Location	Near Ware House
Sample Collected by	Lab Representative
Date of Collection	24/06/2021
Date of Analysis	25/06/2021
Report Number	SLNTL210060701B
Report Date	29/06/2021
Page Number	1 of 1

Results:

<u>Sl. No.</u>	<u>Parameters</u>	<u>Units</u>	<u>Results</u>	<u>NAAQM Standard</u>	<u>Test Method</u>
1	Particulate Matter(PM ₁₀)	µg/m ³	53.7	100.0	IS 5181(Part-23) 2006 (Reaff2017)
2	Particulate Matter(PM _{2.5})	µg/m ³	24.9	60.0	CPCB Manual
3	Oxides of Nitrogen as NO ₂	µg/m ³	16.2	80.0	IS 5182 (Part-6) 2006 (Reaff2017)
4	Oxides of Sulphur as SO ₂	µg/m ³	7.0	80.0	IS 5182 (Part-2) 2001(Reaff2017)
5	Lead as Pb	µg/m ³	BDL	1.0	IS 5182 (Part-22) 2004 (Reaff2014)
6	Carbon Monoxide as CO	µg/m ³	BDL	2.0	IS 5182 (Part-10) 1999(Reaff2014)
7	Ammonia as NH ₃	µg/m ³	8.3	400.0	APHA 3 rd Edition, Part II, 400
8	Benzene as C ₆ H ₆	µg/m ³	BDL	5.0	IS 5182 (Part-11) 2006 (Reaff2017)
9	Benzo (a) Pyrene	µg/m ³	BDL	1.0	IS 5182 (Part-12) 2004 (Reaff2014)
10	Arsenic as As	µg/m ³	BDL	6.0	CPCB Manual
11	Nickel as Ni	µg/m ³	BDL	20.0	CPCB Manual
12	Ozone as O ₃	µg/m ³	6.1	180.0	5182 (Part-9) 1974 (Reaff2014)

Note: - BDL: Below Detection Limit

Report Status: All the above tested parameters are within the NAAQM Standards.

*****End of the Report*****



Authorised Signatory

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ANALYSIS REPORT OF STACK EMISSION

Name of Company	M/s. Adani Agri Logistics Ltd
Address	Sy. No. 137, Dyapasandra Village Road, Near Malur Railway Station, Kolar District, Malur-563130, Karnataka.
Sample Particulars	380 KVA DG Set
Sampled By	Lab Representative
Date of Sampling	24/06/2021
Date of Analysis	25/06/2021
Report Number	SLNTL210060701C
Report Date	29/06/2021
Page Number	1 of 1

General Details:

Stack Area	0.16 mts
Flue Gas Temperature	174 °C
Ambient Temperature	30 °C
Velocity of Flue Gas	10.9 mts/sec

Results:

Sl. No.	Parameters	Units	Results	Standard	Test Method
01	Particulate Matter (PM)	mg/Nm ³	42.5	150 Max	IS 11255 (Part 1) :1985 (RA 2014)
02	Sulphur Dioxide (SO ₂)	mg/Nm ³	12.4	80 Max	IS 11255 (Part 2) :1985 (RA 2014)
03	Oxides of Nitrogen (NO _x)	mg/Nm ³	29.6	50 Max	IS 11255 (Part 7) :2005 (RA 2012)
04	Carbon Monoxide (CO)	mg/Nm ³	5.9	150 Max	Lab SOP - CO
05	Non Methane Hydrocarbon	mg/Nm ³	6.5	100 Max	Lab SOP - NMHC

Report Status: All the above tested parameters are within the standards.

*****End of the Report*****


Authorised Signatory

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DAY TIME AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Company	M/s. Adani Agri Logistics Ltd
Address	Sy. No. 137, Dyapasandra Village Road, Near Malur Railway Station, Kolar District, Malur-563130, Karnataka.
Sample Collected By	Lab Representative
Date of Monitoring	24/06/2021
Report Number	SLNTL210060701D
Report Date	31/05/2021

Method: IS 9989: 1981(RA - 2008)

Sl. No.	Sample Location	L_{eq} dB(A)	KSPCB Standard (Day Time)
01	Near DG Room	74.1	75 dB(A)
02	Near Bagging Area	70.3	
03	Near Compressor	72.8	

Report Status: All the above tested results are within the standards.

*****End of the Report*****



Authorised Signatory

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TEST REPORT

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Report No : SLNTL210060701E	Report Date : 29/06/2021
Issued To: M/s. Adani Agri Logistics Ltd Sy. No. 137, Dyapasandra Village Road, Near Malur Railway Station, Kolar District, Malur-563130, Karnataka.	Customer Reference: Verbal
	Date of Receipt: 24/06/2021
	Date of test start: 24/06/2021
	Date of Completion of test : 29/06/2021
Sample Received By: Customer	Sample Particulars :RO Water

Parameters	Results	Maximum Acceptable Limits (in mg/L)	Maximum Permissible Limits (in mg/L)	Test Method
		(As per IS 10500:2012)		
Colour, Hazen Units	<1	5	15	IS:3025/Part-4
Odour	Agreeable	Agreeable	Agreeable	IS:3025/Part-5
Turbidity, NTU	<1	1	5	IS:3025/Part-10
pH Value	6.80	6.5 – 8.5	No Relaxation	IS:3025/Part-11
Total Hardness as CaCO ₃ , mg/L	27.0	200	600	IS:3025/Part-21
Calcium as Ca, mg/L	6.4	75	200	IS:3025/Part-40
Magnesium as Mg, mg/L	2.6	30	100	IS:3025/Part-46
Chloride as Cl, mg/L	20.0	250	1000	IS:3025/Part-32
Total Dissolved Solids, mg/L	74.0	500	2000	IS:3025/Part-16
Sulphate as SO ₄ , mg/L	1.9	200	400	IS:3025/Part-24
Nitrate as NO ₃ , mg/L	<0.5	45	No Relaxation	IS:3025/Part-34
Fluoride as F, mg/L	<0.1	1.0	1.5	IS:3025/Part-60
Iron as Fe, mg/L	<0.1	0.3	No Relaxation	IS:3025/Part-53
Total Alkalinity as CaCO ₃ , mg/L	26.0	200	600	IS:3025/Part-23
Total Coli form, MPN/100ml	Not Detected	Not Detectable		IS 1622-1981
E. Coli, MPN/100ml	Not Detected	Not Detectable		IS 1622-1981

Remarks: The given water sample meets to maximum acceptable limits as per IS 10500:2012 for above physical, chemical and microbiological testing.

*****End of the Report*****


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