

Reference: VGCB/HSE/2015/EC02

Date: 24.02.2016

To

**Additional Principal Chief Conservator of Forests(C),
Ministry of Environment, Forest and Climate Change,
Chennai-34****Sub:** Submission of Environment Clearance Compliance Report as on date 31.01.2016**Reference:** Letter No.10-9/2009 -IA-III, Government of India, Ministry of Environment & Forest Date: 01.09.2009

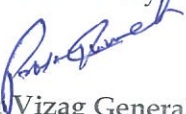
Sir,

We refer to you the Environment clearance granted for project of Mechanized Handling Facilities at General-Cum-Bulk Cargo Berth in the Outer Harbour of Visakhapatnam Port Trust to cater to 200,000 DWT Vessels on DBFOT Basis under PPP mode.

We enclose herewith the report on compliances to the conditions of environment clearance for the project along with the monitoring reports. Kindly acknowledge receipt of the report and oblige.

Thanking You,

Yours faithfully



For Vizag General Cargo Berth Private Limited

Copy to:

1. The Regional Officer, Zonal Office, CPCB, Bangalore
2. The Member Secretary, APPCB, Hyderabad
3. EE, APPCB, Regional Office-Visakhapatnam
4. JCE, APPCB, Zonal Office-Visakhapatnam
5. AE, Env Cell, VPT

A. Soume (J.E)
26/2/2016

VIZAG GENERAL CARGO BERTH PRIVATE LIMITED

Visakhapatnam Port Trust, Visakhapatnam, Andhra Pradesh

Environment Clearance Compliances Report		
No.10-9/2009 -IA-III, Government of India, Ministry of Environment & Forest Date: 01.09.2009		
S.N.	Conditions	Compliance
6. Specific Conditions		
I	No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied. Construction is completed as permitted under the regulations and further in terms of Concession Agreement with VPT.
ii	Oil spills if any shall be properly collected and disposed as per the rules	No spillage of oil.
iii	The approach channel shall be properly demarcated with lighted buoys for safe navigation and adequate traffic control guidelines shall be framed	Visakhapatnam Port Trust responsibility
iv	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safe guards under the supervision of a Senior Executive.	Constituted Environment Management Cell comprising of 4 members under the supervision of Senior Management.
v	The project proponent shall take up mangrove plantation/green belt in the project area, wherever possible. Adequate budget shall be provided in the Environment Management Plan for such mangrove development	Complied. Green belt around the plant is developed with provision of adequate budget.
vi	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other proposes.	Complied
7. General Conditions		
i	Adequate provision for infrastructure facilities including water supply, fuel and sanitation must be ensured for construction workers during phase of the project to avoid any damage to the environment.	Operations started. Not Applicable.
ii	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradations of water quality.	Complied. No digging activities carried out.
iii	Borrows sites for each quarry sites for road construction material and dump sites must be indentified keeping in view the following.	
a	No excavation or dumping on private property is carried out without written consent of the owner	Complied
b	No excavation or dumping shall be allowed on wetlands, forest areas or other ecological valuable or sensitive locations.	Complied
c	Excavation work shall be done in close consultation with the soil conservation and Watershed Development Agencies working in the area,	No excavation work being carried out.
d	Construction spoils including bituminous material and other hazardous material must not be allowed to contaminate Water courses and the dump sites for such materials must be secured so that they shall not leach in to the ground water.	Complied

iv	The construction material shall be obtained only from approved quarries. In case new quarries are to be opened, specific approvals from the competent authority shall be obtained in this regards.	Not Applicable
v	Adequate precautions shall be taken during transportation of the construction material so that it does not affect the environment adversely.	Not Applicable
vi	Full support shall be extended to the officers of this Ministry/Regional Office at Bangalore by the project proponent during inspection of the project for monitoring purposes by furnishing full details and actions plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Noted
vii	Ministry of Environment & Forests or any other component authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Noted
viii	The Minister reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Noted
ix	In the event of a change in project profile or change in the implementation agency, afresh reference shall be made to the Ministry of Environment and Forests.	Noted
x	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Complied.
xi	Andhra Pradesh Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Office. District Industries Centre and Collector's Office/Tahasildar's office for 30 Days	Not Applicable to Project Proponent
8	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability(Insurance) Act, 1991 and EIA Notification 1994, including the amendments and rules made thereafter.	Noted
9	All other statutory clearances such as the approvals for diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Noted.
10	The project proponent shall advertise in at least two local News Papers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Andhra Pradesh state Pollution Control Board and may also be seen on the website of the ministry of forests at http://www.envfor.nic.in .The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bangalore.	Completed

11	Environmental Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in Witten Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Noted
12	Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under section 11 of the National Environment Appellate Act, 1997	Noted
13	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/ Municipal Corporation, Urban. Local Body and the Local NGO if any from whom suggestions/ representations, if any were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Completed.
14	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutants level normally; SPM, RSPM, SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicating for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted. Shall be adhered to.
15	The Project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and SPCB.	Complied
16	The Environment Statement for each financial year ending 31st March in Form -V as is mandated to be put on the website of the company along with the status of Compliances of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Complied. Submitted for the financial year 2014-15.



BHAGAVATHI ANA LABS

TEST REPORT

Jul 15

Test Report No.BALL/V/Env/VGCBPL/01/0715

dt31.07.2015

Description of Test: Ambient Air Quality Monitoring for PM_{2.5} PM₁₀
SO₂ NO_x, NH₃

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Near Administrative block

Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	B(a)P	As	Ni
	μg/M ³									mg/M ³		
01.07.2015	51	95	9.9	15.5	14	<0.1	48	1.1	1.5	BDL	BDL	BDL
04.07.2015	42	77	10.3	17.2	15	<0.1	44	0.9	1.4	BDL	BDL	BDL
07.07.2015	50	84	11.4	18.6	12	<0.1	70	0.8	1.6	BDL	BDL	BDL
10.07.2015	55	96	12.5	19.7	16	<0.1	65	1.0	1.4	BDL	BDL	BDL
13.07.2015	40	57	10.1	16.5	14	<0.1	50	0.9	1.3	BDL	BDL	BDL
16.07.2015	44	75	9.4	15.9	17	<0.1	45	0.8	1.2	BDL	BDL	BDL
22.07.2015	52	86	11.2	19.2	15	<0.1	55	0.9	1.5	BDL	BDL	BDL
28.07.2015	54	92	11.7	18.8	14	<0.1	50	0.8	1.6	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

(A Bureau Veritas Group Company)

Plot No. 7-2-C 14, Industrial Estate, Sanathnagar, Hyderabad - 500 018. INDIA

Tel.: +91 40 23811535, 23711536 • www.bhagavathianalabs.com • centrallab.hyderabad@in.bureauveritas.com

B272236

Note: This Report is subject to the terms and conditions mentioned overleaf



BHAGAVATHI ANA LABS

TEST REPORT

Test Report No.BALL/V/Env/VGCBPL/04/0715

dt31.07.2015

Description of test: Noise Level Measurement

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 18.07.2015

	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	68.1	66.5
2	Near pump house (Westernside)	65.4	63.1
3	Near Wagonloading area Control room	57.6	52.8
	CPCB STANDARD	75	70

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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BHAGAVATHI ANA LABS

TEST REPORT

Jul 15

Test Report No.BALL/V/Env/VGCBPL/05/0715

dt31.07.2015

Description of test: STP Outlet Water Analysis

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location: Asper details given

Date : 18.07.2015

No	Parameter	units	AD-BLOC K STP O/L	GCB STP O/L	Surface Water discharge standards
1	pH		7.0	7.2	5.5-9.0
2	TDS	mg/l	540	440	-
3	TSS	mg/l	18	15	100
4	BOD	mg/l	16	14	30
5	COD	mg/l	75	60	250
6	OIL&GREASE	mg/l	BDL	BDL	10

For Bhagavathi Ana Labs Pvt Ltd.

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B272240



BHAGAVATHI ANA LABS

TEST REPORT

Aug'15

Test Report No. BALL/V/Env/VGCBPL/01/0815

dt02.09.201

Description of Test: Ambient Air Quality Monitoring for PM_{2.5} PM₁₀SO₂ NO_x, NH₃

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Near Administrative block

Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	B(a)P	As	Ni
										□ μg/M ³		
05.08.2015	50	94	9.2	14.6	12	<0.1	40	1.2	1.4	BDL	BDL	BDL
08.08.2015	48	85	8.8	15.5	10	<0.1	40	1.0	1.5	BDL	BDL	BDL
10.08.2015	52	96	10.2	17.9	14	<0.1	55	0.9	1.5	BDL	BDL	BDL
13.08.2015	45	86	9.9	15.6	12	<0.1	50	0.7	1.2	BDL	BDL	BDL
18.08.2015	55	98	10.5	17.9	16	<0.1	60	1.1	1.6	BDL	BDL	BDL
21.08.2015	51	95	8.9	18.4	15	<0.1	35	0.6	1.0	BDL	BDL	BDL
26.08.2015	47	90	10.2	20.6	18	<0.1	66	1.2	1.7	BDL	BDL	BDL
29.08.2015	53	97	9.5	17.7	12	<0.1	36	0.6	1.0	BDL	BDL	BDL
31.08.2015	48	94	10.8	19.5	14	<0.1	40	0.9	1.4	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

For Bhagavathi Ana Labs Pvt Ltd.

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A272497



BHAGAVATHI ANA LABS

TEST REPORT

Aug' 15

Test Report No.BALL/V/Env/VGCBPL/04/0815

dt02.09.201

Description of test: Noise Level Measurement

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 18.08.2015

	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	71.8	69.6
2	Near pump house (Westernside)	68.3	65.1
3	Near Wagonloading area Control room	59.6	53.8
	CPCB STANDARD	75	70

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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A272500



BHAGAVATHI ANA LABS

TEST REPORT

Aug 15

Test Report No.BALL/V/Env/VGCBPL/05/0815

dt02.09.201

Description of test: STP Outlet Water Analysis

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 18.08.2015

No	Parameter	units	AD-BLOC K STP O/L	GCB STP O/L	Surface Water discharge standards
1	pH		7.4	7.2	5.5-9.0
2	TDS	mg/l	390	370	-
3	TSS	mg/l	15	18	100
4	BOD	mg/l	12	11	30
5	COD	mg/l	58	55	250
6	OIL&GREASE	mg/l	BDL	BDL	10

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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BHAGAVATHI ANA LABS

TEST REPORT

Sep 15

Test Report No.BALL/V/Env/VGCBPL/04/0915

dt03.10.2015

Description of test: Noise Level Measurement

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 23.09.2015

	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	72.5	64.9
2	Near pump house (Westernside)	67.2	63.3
3	Near Wagonloading area Control room	60.8	54.5
	CPCB STANDARD	75	70

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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B280024



BHAGAVATHI ANA LABS

TEST REPORT

Sep'15

Test Report No.BALL/V/Env/VGCBPL/01/0915

dt03.10.2015

Description of Test: Ambient Air Quality Monitoring for PM_{2.5} PM₁₀
SO₂ NO_x, NH₃

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Near Administrative block

Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	B(a)P	As	Ni
	μg/M ³								mg/M ³	ng/M ³		
02.09.2015	52	92	10.4	17.8	14	<0.1	56	1.3	1.6	BDL	BDL	BDL
05.09.2015	44	80	9.8	16.0	12	<0.1	52	1.1	1.4	BDL	BDL	BDL
08.09.2015	48	88	11.0	19.9	16	<0.1	60	1.2	1.6	BDL	BDL	BDL
11.09.2015	54	94	10.1	18.8	10	<0.1	40	0.8	1.1	BDL	BDL	BDL
14.09.2015	47	84	10.9	19.7	15	<0.1	64	1.2	1.7	BDL	BDL	BDL
18.0782015	46	90	10.3	17.8	12	<0.1	40	0.8	1.2	BDL	BDL	BDL
23.09.2015	55	95	11.2	20.0	16	<0.1	58	1.1	1.6	BDL	BDL	BDL
2609.2015	41	79	9.3	16.7	10	<0.1	44	0.8	1.1	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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B280021



BHAGAVATHI ANA LABS

TEST REPORT

sep 15

Test Report No.BALL/V/Env/VGCBPL/05/0915

dt03.10.2015

Description of test: STP Outlet Water Analysis

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 23.09.2015

No	Parameter	units	AD-BLOC K STP O/L	GCB STP O/L	Surface Water discharge standards
1	pH		7.2	7.4	5.5-9.0
2	TDS	mg/l	440	420	-
3	TSS	mg/l	17	19	100
4	BOD	mg/l	12	10	30
5	COD	mg/l	62	50	250
6	OIL&GREASE	mg/l	BDL	BDL	10

For Bhagavathi Ana Labs Pvt Ltd.

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B280025



BHAGAVATHI/ANA LABS

TEST REPORT

Oct 15

Test Report No.BALL/V/Env/VGCBPL/01/1015

dt02.11.2015

Description of Test: Ambient Air Quality Monitoring for PM_{2.5} PM₁₀
SO₂ NO_x, NH₃

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Near Administrative block

Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	B(a)P	As	Ni
	μg/M ³									ng/M ³		
05.10.2015	52	92	11.6	19.5	12	<0.1	45	1.0	1.5	BDL	BDL	BDL
08.10.2015	44	80	12.8	18.5	10	<0.1	35	1.1	1.3	BDL	BDL	BDL
13.10.2015	48	88	12.2	20.5	14	<0.1	45	1.2	1.4	BDL	BDL	BDL
16.10.2015	54	94	9.8	16.8	12	<0.1	40	1.0	1.3	BDL	BDL	BDL
21.10.2015	47	84	10.2	18.5	14	<0.1	55	1.3	1.5	BDL	BDL	BDL
24.0782015	46	90	9.4	14.9	10	<0.1	36	0.7	0.9	BDL	BDL	BDL
26.10.2015	55	95	10.1	18.3	14	<0.1	50	1.2	1.4	BDL	BDL	BDL
29.10.2015	41	79	9.9	17.3	12	<0.1	30	1.0	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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A280885



BHAGAVATHI ANA LABS

TEST REPORT

Oct 15

Test Report No.BALL/V/Env/VGCBPL/04/1015

dt02.11.2015

Description of test: Noise Level Measurement

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 23.10.2015

	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	70.3	63.7
2	Near pump house (Westernside)	68.0	62.8
3	Near Wagonloading area Control room	62.8	55.9
	CPCB STANDARD	75	70

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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A280888



BHAGAVATHI ANA LABS

TEST REPORT

OCT 15

Test Report No.BALL/V/Env/VGCBPL/05/1015

dt02.11.2015

Description of test: STP Outlet Water Analysis

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 23.10.2015

No	Parameter	units	AD-BLOC K STP O/L	GCB STP O/L	Surface Water discharge standards
1	pH		7.4	7.55	5.5-9.0
2	TDS	mg/l	390	410	-
3	TSS	mg/l	15	12	100
4	BOD	mg/l	11	10	30
5	COD	mg/l	58	52	250
6	OIL&GREASE	mg/l	BDL	BDL	10

For Bhagavathi Ana Labs Pvt Ltd.

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NOV 15

BHAGAVATHI ANA LABS

TEST REPORT

Test Report No. BALL/V/Env/VGCBPL/01/1115

dt01.12.2015

Description of Test: Ambient Air Quality Monitoring for PM_{2.5} PM₁₀
SO₂ NO_x, NH₃

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Near Administrative block

Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	B(a)P	As	Ni
									mg/M ³	ng/M ³		
03.11.2015	44	84	12.0	18.8	12	<0.1	30	1.2	1.2	BDL	BDL	BDL
06.11.2015	46	94	10.8	19.9	14	<0.1	40	1.1	1.3	BDL	BDL	BDL
11.11.2015	45	90	11.5	18.8	11	<0.1	40	1.0	1.1	BDL	BDL	BDL
14.11.2015	46	86	10.6	17.9	10	<0.1	30	1.0	1.2	BDL	BDL	BDL
16.11.2015	42	89	12.7	19.0	14	<0.1	35	1.1	1.3	BDL	BDL	BDL
19.11.2015	45	92	11.2	16.3	12	<0.1	30	1.2	1.4	BDL	BDL	BDL
24.11.2015	48	96	10.0	17.8	10	<0.1	40	1.0	1.2	BDL	BDL	BDL
27.11.2015	45	95	9.5	16.2	12	<0.1	30	1.0	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division
(A Bureau Veritas Group Company)

Plot No. 7-2-C 14, Industrial Estate, Sanathnagar, Hyderabad - 500 013, INDIA

Tel : +91 90 25011535, 25711536 e www.bhagavathianalabs.com e centrallab.hyderabad@in.bureauveritas.com

Note: This Report is subject to the terms and conditions mentioned overleaf

A280484



BHAGAVATHI ANA LABS

TEST REPORT

NOV 15

Test Report No.BALL/V/Env/VGCBPL/04/1115

dt01.12.2015

Description of test: Noise Level Measurement

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 23.10.2015

	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	68.3	62.9
2	Near pump house (Westernside)	64.1	59.7
3	Near Wagonloading area Control room	59.6	53.1
	CPCB STANDARD	75	70

For Bhagavathi Ana Labs Pvt Ltd.

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BHAGAVATHI ANA LABS

TEST REPORT

NOV'15

Test Report No.BALL/V/Env/VGCBPL/05/1115

dt01.12.2015

Description of test: STP Outlet Water Analysis

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 23.10.2015

No	Parameter	units	AD-BLOC K STP O/L	GCB STP O/L	Surface Water discharge standards
1	pH		7.2	7.3	5.5-9.0
2	TDS	mg/l	430	440	-
3	TSS	mg/l	20	15	100
4	BOD	mg/l	12	11	30
5	COD	mg/l	65	60	250
6	OIL&GREASE	mg/l	BDL	BDL	10

For Bhagavathi Ana Labs Pvt Ltd.

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BHAGAVATHI ANA LABS

TEST REPORT

Dec 15

Test Report No.BALL/V/Env/VGCBPL/01/1215

dt01.01.2016

Description of Test: Ambient Air Quality Monitoring for PM_{2.5} PM₁₀
SO₂ NO_x, NH₃

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Near Administrative block

Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	ng/M ³		
										B(a)P	As	Ni
									mg/M ³			
01.12.2015	40	89	11.5	18.8	10	<0.1	28	1.2	1.2	BDL	BDL	BDL
04.12.2015	42	92	11.8	17.9	12	<0.1	42	1.1	1.1	BDL	BDL	BDL
08.12.2015	48	95	11.0	20.8	12	<0.1	38	1.0	1.1	BDL	BDL	BDL
11.12.2015	44	88	12.6	18.9	10	<0.1	32	1.2	1.2	BDL	BDL	BDL
14.12.2015	40	92	12.7	17.0	12	<0.1	25	1.1	1.3	BDL	BDL	BDL
17.12.2015	42	89	13.2	15.3	12	<0.1	20	1.0	1.4	BDL	BDL	BDL
23.12.2015	43	90	11.0	18.8	14	<0.1	34	1.1	1.2	BDL	BDL	BDL
26.12.2015	45	92	12.5	21.2	12	<0.1	30	1.0	1.2	BDL	BDL	BDL
31.12.2015	41	87	11.5	20.8	10	<0.1	26	1.2	1.0	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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B280754



BHAGAVATHI ANA LABS

TEST REPORT

Dec 15

Test Report No. BALL/V/Env/VGCBPL/04/1215

dt01.01.2016

Description of test: Noise Level Measurement

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location: Asper details given

Date : 23⁰¹10.2015

	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	65.5	60.4
2	Near pump house (Westernside)	65.2	58.9
3	Near Wagonloading area Control room	60.6	54.6
	CPCB STANDARD	75	70

For Bhagavathi Ana Labs Pvt Ltd.

Bhagavathi Ana Labs Pvt. Ltd. Central Laboratory - Industrial Testing Division

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B280757



BHAGAVATHI ANA LABS

TEST REPORT

Dec 15

Test Report No.BALL/V/Env/VGCBPL/05/1215

dt01.01.2016

Description of test: STP Outlet Water Analysis

Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..

City: Visakhapatnam

Location; Asper details given

Date : 23.10.2015

No	Parameter	units	AD-BLOC K STP O/L	GCB STP O/L	Surface Water discharge standards
1	pH		7.4	7.2	5.5-9.0
2	TDS	mg/l	280	320	-
3	TSS	mg/l	20	18	100
4	BOD	mg/l	10	10	30
5	COD	mg/l	50	48	250
6	OIL&GREASE	mg/l	BDL	BDL	10

For Bhagavathi Ana Labs Pvt Ltd.

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