

o/c

Reference: VGCB/HSE/EC05

Date: 16.05.2017

To

Additional Principal Chief Conservator of Forests(C),
Ministry of Environment, Forest and Climate Change,
Chennai-34

Sub: Submission of Environment Clearance Compliance Report for the period Oct'16 to Mar'17.

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,Pramod Ranjan,
AGM-Environment.

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. JCEE, APPCB, Zonal Office-Visakhapatnam
5. AE, Env Cell, VPT

A.P. (JEE)
18/5

VIZAG GENERAL CARGO BERTH PRIVATE LIMITED

Visakhapatnam Port Trust, Visakhapatnam, Andhra Pradesh

CRZ and Environmental Clearance for Installation of Mechanised Handling Facilities at General-Cum-Bulk Cargo Berth in the outer Harbour of Visakhapatnam Port Trust, Andhra Pradesh by M/s. Visakhapatnam Port Trust		
File No.10-9/2009-IA.III, Government of India, Ministry of Environment & Forests(IA Division), dated 1 st September, 2009		
Project Commissioned in March,2013		
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 with. 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	Complied with. Secondary containment is provided. 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.	Environment Cell is formed by VPT and also Environment Task force also available on behalf of VPT.
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 developed around the terminal.
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 and funds are used for EMP only
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	Borrow 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	Noted and Complied with.
b	No excavation or dumping shall be allowed on wetlands, forest areas or other ecological valuable or sensitive locations.	Noted and Complied with.

S.N.	Conditions	Compliance
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.	Not Applicable now.
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.	Not Applicable now.
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. Displayed boards in front of VGCB Admin Office.
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.	Noted.
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 with. Submitted for the financial year 2015-16 on 28 th Sep, 2016.

Labs and Consultants

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Registered Office :

B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.

Ph. : (O) 040-23748555 / 23748616, Fax : 040-23748666, Email : teamlabs@gmail.com

ISO 9001 : 2008, ISO 14001 : 2004 and OHSAS 18001 : 2007 Certified Organization

Laboratory Recognised by Ministry Environment, Forests and Climate Change, Govt, New Delhi

TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/01/0217

dt02.03.2017

Description of Test: Ambient Air Quality Monitoring

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

City: Visakhapatnam

Location: Near Administrative block

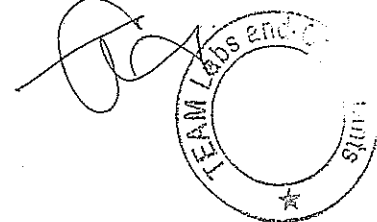
Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	B(a)P	As	Ni
	µg/M ³								mg/M ³	ng/M ³		
03.02.2017	45	85	14.8	19.8	14	<0.1	26	0.6	1.3	BDL	BDL	BDL
06.02.2017	57	98	15.5	18.4	12	<0.1	24	0.7	1.4	BDL	BDL	BDL
09.02.2017	50	95	13.5	18.2	14	<0.1	28	0.6	1.3	BDL	BDL	BDL
14.02.2017	49	90	14.0	19.4	10	<0.1	24	0.6	1.3	BDL	BDL	BDL
17.02.2017	55	92	16.2	20.5	16	<0.1	28	0.7	1.5	BDL	BDL	BDL
22.02.2017	45	86	11.6	16.2	10	<0.1	22	0.4	1.2	BDL	BDL	BDL
25.02.2017	44	83	12.2	18.5	12	<0.1	20	0.5	1.2	BDL	BDL	BDL
28.02.2017	52	91	13.3	18.6	10	<0.1	24	0.6	1.3	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/Sl.No.: 213-DTD-2016, Calibration due 18.04.2017

3. Method: IS5182

For TEAM Labs and Consultants



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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/02/0217

dt 02.03.2017

Description of Test: Ambient Air Quality Monitoring

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

City: Visakhapatnam

Location: Near Pumphouse (Western side)

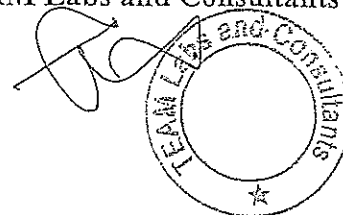
Date.	PM _{2.5}	PM ₁₀	SO ₂	NO _x	O ₃	Pb	NH ₃	C ₆ H ₆	CO	B(a)P, As, Ni		
										mg/M ³	ng/M ³	ng/M ³
03.02.2017	45	84	12.0	17.2	10	<0.1	28	0.4	1.0	BDL	BDL	BDL
06.02.2017	42	80	11.1	16.0	12	<0.1	24	0.4	1.1	BDL	BDL	BDL
09.02.2017	43	82	10.7	15.2	12	<0.1	28	0.5	1.0	BDL	BDL	BDL
14.02.2017	44	86	11.0	16.3	10	<0.1	26	0.4	1.1	BDL	BDL	BDL
17.02.2017	50	92	13.2	18.8	12	<0.1	30	0.5	1.2	BDL	BDL	BDL
22.02.2017	46	94	12.6	19.4	12	<0.1	32	0.6	1.2	BDL	BDL	BDL
25.02.2017	54	95	13.3	20.5	10	<0.1	26	0.5	1.3	BDL	BDL	BDL
28.02.2017	50	90	12.8	19.5	10	<0.1	22	0.5	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No; 90-dtl-2013, Calibration due 17.02.2018

3. Method: IS 5182

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/03/0217

dt02.03.2017

Description of Test: Ambient Air Quality Monitoring for

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

City: Visakhapatnam

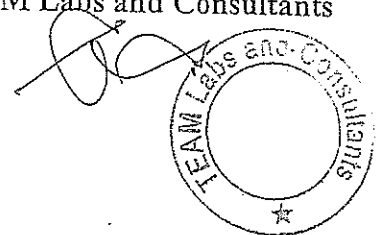
Location; Near GCB(Southern side)

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		
03.02.2017	35	83	12.0	15.5	12	<0.1	30	0.3	0.8	BDL	BDL	BDL
06.02.2017	27	70	11.9	16.2	10	<0.1	32	0.4	1.0	BDL	BDL	BDL
09.02.2017	30	78	12.6	18.2	12	<0.1	38	0.3	1.1	BDL	BDL	BDL
14.02.2017	26	60	13.3	17.9	12	<0.1	34	0.5	1.0	BDL	BDL	BDL
17.02.2017	18	48	11.2	15.8	10	<0.1	28	0.3	0.8	BDL	BDL	BDL
22.02.2017	27	68	10.5	14.6	10	<0.1	32	0.3	0.7	BDL	BDL	BDL
25.02.2017	25	58	10.8	15.2	12	<0.1	30	0.3	0.9	BDL	BDL	BDL
28.02.2017	24	55	10.2	14.8	10	<0.1	28	0.3	0.7	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/Sl.No.: 189-DTD-2016, Calibration due 18.04.2017
2. Model/Sl.No.: 139-DTD-2016 Calibration due 18.04.2017
3. Method: IS5182

For TEAM Labs and Consultants



Labs and Consultants**Registered Office :**

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/04/0217

dt02.03.2017

Description of test: Noise Level Measurement

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

City: Visakhapatnam

Location; Asper details given

Date : 12.02.2017

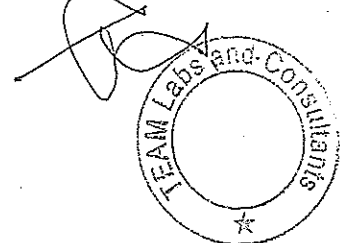
S No	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	71.4	62.7
2	Near pump house (Westernside)	65.8	58.2
3	Near Wagonloading area Control room	67.4	63.5
	CPCB STANDARD	75	70

Instruments used;

Soundlevel meter of Lutron make model SLM4001

Calibration due : 24 .02.2018

For TEAM Labs and Consultants



Labs and Consultants

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TEST REPORT

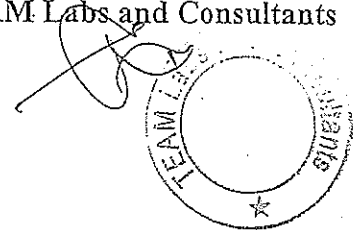
Test Report No. TLC/V/Env/VGCBPL/06/0217

dt02.03.2017

Description of test: STP Outlet Water Analysis
Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..
City: Visakhapatnam
Location; Asper details given
Date : 12.02.2017

No	Parameter	units	AD-BLOCK STP O/L	Surface Water discharge standards
1	pH		7.4	5.5-9.0
2	TDS	mg/l	415	-
3	TSS	mg/l	17	100
4	BOD	mg/l	11	30
5	COD	mg/l	54	250
6	OIL&GREASE	mg/l	BDL	10

For TEAM Labs and Consultants



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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/01/0117

dt01.02.2017

Description of Test: Ambient Air Quality Monitoring

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

City: Visakhapatnam

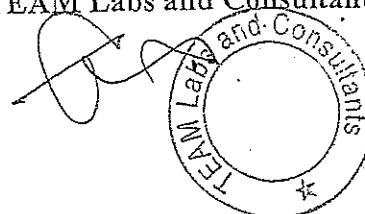
Location; Near Administrative block

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	
03.01.2017	38	80	11.5	16.2	12	<0.1	22	0.4	1.0	BDL	BDL	BDL
06.01.2017	50	90	10.7	14.9	10	<0.1	20	0.4	1.1	BDL	BDL	BDL
09.01.2017	52	94	12.2	17.7	12	<0.1	25	0.4	1.1	BDL	BDL	BDL
12.01.2017	39	78	11.6	16.8	14	<0.1	22	0.6	1.3	BDL	BDL	BDL
18.01.2017	42	85	10.2	15.1	12	<0.1	20	0.5	1.2	BDL	BDL	BDL
21.01.2017	40	82	12.2	18.7	15	<0.1	26	0.6	1.3	BDL	BDL	BDL
24.01.2017	44	86	13.3	20.5	12	<0.1	28	0.5	1.1	BDL	BDL	BDL
27.01.2017	48	96	12.2	19.3	12	<0.1	24	0.6	1.3	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No.:213-DTD-2016, Calibration due 18.04.2017
3. Method:IS5182

For TEAM Labs and Consultants



Labs and Consultants

Registered Office :

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B-115, 116, 117 & 509, Annapoorna Block, Aditya Enclave, Ameerpet, Hyderabad - 530038.
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TEST REPORT

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dt01.02.2017

Description of Test: Ambient Air Quality Monitoring

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City: Visakhapatnam

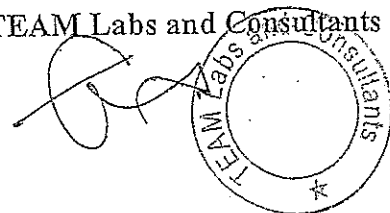
Location; Near Pumphouse (Western side)

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
										μg/M ³		
03.01.2017	42	86	11.1	16.0	12	<0.1	26	0.3	1.0	BDL	BDL	BDL
06.01.2017	50	92	10.5	14.2	10	<0.1	25	0.3	0.8	BDL	BDL	BDL
09.01.2017	48	90	9.9	13.8	12	<0.1	30	0.5	1.0	BDL	BDL	BDL
12.01.2017	47	88	11.6	18.3	10	<0.1	28	0.4	1.2	BDL	BDL	BDL
18.01.2017	43	85	12.6	19.5	12	<0.1	32	0.5	1.2	BDL	BDL	BDL
21.01.2017	41	82	13.1	20.5	14	<0.1	36	0.6	1.3	BDL	BDL	BDL
24.01.2017	45	88	12.8	19.4	12	<0.1	25	0.3	0.9	BDL	BDL	BDL
27.01.2017	48	90	13.0	20.2	10	<0.1	26	0.5	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No;90-dtl-2013, Calibration due 17.01.2017.
3. Method:IS5182

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dt01.02.2017

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City: Visakhapatnam

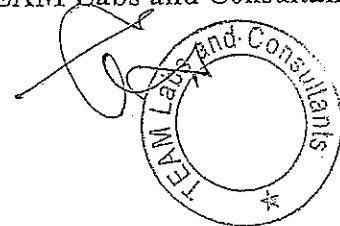
Location; Near GCB(Southern side)

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		
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09.01.2017	50	95	11.5	16.9	12	<0.1	35	0.4	1.0	BDL	BDL	BDL
12.01.2017	46	88	14.6	21.2	16	<0.1	38	0.8	1.2	BDL	BDL	BDL
18.01.2017	38	79	15.4	24.1	12	<0.1	30	0.4	1.3	BDL	BDL	BDL
21.01.2017	40	82	14.7	21.3	10	<0.1	34	0.3	1.2	BDL	BDL	BDL
24.01.2017	41	84	13.5	19.0	14	<0.1	30	0.4	1.3	BDL	BDL	BDL
27.01.2017	38	86	14.4	21.1	12	<0.1	33	0.6	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No.:189-DTD-2016, Calibration due 18.04.2017
2. Model/SI.No.:139-DTD-2016 Calibration due 18.04.2017
3. Method:IS5182

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Test Report No. TLC/V/Env/VGCBPL/04/0117

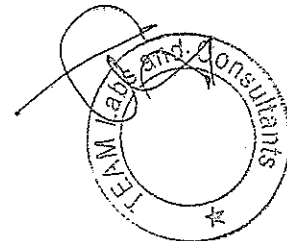
dt01.02.2017

Description of test: Noise Level Measurement
Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..
City: Visakhapatnam
Location; Asper details given
Date : 12.01.2017

S No	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	66.9	60.3
2	Near pump house (Westernside)	62.3	55.2
3	Near Wagonloading area Control room	67.0	59.8
	CPCB STANDARD	75	70

Instruments used;
Sound level meter of Lutron make model SLM4001
Calibration due : 24 .02.2017

For TEAM Labs and Consultants



Labs and Consultants

1771

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Laboratory Recognised by Ministry Environment, Forests and Climate Change, Gol, New Delhi

TEST REPORT

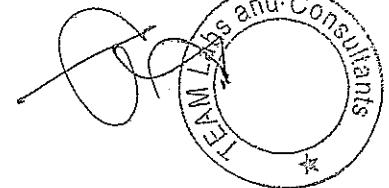
Test Report No. TLC/V/Env/VGCBPL/05/0117

dt01.02.2017

Description of test: STP Outlet Water Analysis
Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..
City: Visakhapatnam
Location; Asper details given
Date : 12.01.2017

No	Parameter	units	AD-BLOCK STP O/L	Surface Water discharge standards
1	pH		7.2	5.5-9.0
2	TDS	mg/l	440	-
3	TSS	mg/l	18	100
4	BOD	mg/l	12	30
5	COD	mg/l	65	250
6	OIL&GREASE	mg/l	BDL	10

For TEAM Labs and Consultants



Labs and Consultants

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Registered Office :

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/01/1216

dt02.01.2017

Description of Test: Ambient Air Quality Monitoring

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			
02.12.2016	48	85	10.2	15.8	14	<0.1	26	0.6	1.2	BDL	BDL	BDL
05.12.2016	55	94	13.2	19.9	12	<0.1	24	0.4	1.3	BDL	BDL	BDL
08.12.2016	50	92	12.6	18.9	12	<0.1	22	0.6	1.3	BDL	BDL	BDL
13.12.2016	49	86	11.8	15.8	10	<0.1	28	0.6	1.2	BDL	BDL	BDL
16.12.2016	47	84	10.5	14.4	10	<0.1	24	0.7	1.2	BDL	BDL	BDL
21.12.2016	52	92	10.8	15.1	14	<0.1	22	0.4	1.0	BDL	BDL	BDL
24.12.2016	53	94	11.6	16.6	14	<0.1	20	0.6	1.2	BDL	BDL	BDL
26.12.2016	51	90	10.9	16.3	12	<0.1	20	0.6	1.3	BDL	BDL	BDL
29.12.2016	44	87	12.8	18.2	12	<0.1	25	0.5	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:-

1. Model/SI.No.: 213-DTD-2016, Calibration due 18.04.2017
3. Method: ISS 182

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/02/1216

dt 02.01.2017

Description of Test: Ambient Air Quality Monitoring

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

City: Visakhapatnam

Location: Near Pumphouse (Western side)

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			
02.12.2016	43	90	10.4	15.9	12	<0.1	28	0.4	1.1	BDL	BDL	BDL
05.12.2016	48	93	11.0	16.3	10	<0.1	30	0.4	1.0	BDL	BDL	BDL
08.12.2016	45	91	10.6	15.5	10	<0.1	28	0.5	1.2	BDL	BDL	BDL
13.12.2016	43	88	12.8	19.0	10	<0.1	32	0.5	1.1	BDL	BDL	BDL
16.12.2016	47	92	13.7	19.9	12	<0.1	34	0.4	1.3	BDL	BDL	BDL
21.12.2016	45	88	11.5	17.9	12	<0.1	28	0.4	1.2	BDL	BDL	BDL
24.12.2016	49	92	14.2	20.2	10	<0.1	32	0.5	1.1	BDL	BDL	BDL
26.12.2016	52	94	12.6	18.8	12	<0.1	28	0.4	1.1	BDL	BDL	BDL
29.12.2016	46	89	12.8	19.5	10	<0.1	26	0.4	1.0	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No; 90-dtl-2013, Calibration due 17.12.2016
3. Method: IS5182

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/03/1216

dt02.01.2017

Description of Test: Ambient Air Quality Monitoring for

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

City: Visakhapatnam

Location; Near GCB(Southern side)

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		
02.12.2016	45	91	13.8	17.7	14	<0.1	34	0.5	1.1	BDL	BDL	BDL
05.12.2016	46	89	16.2	19.9	12	<0.1	35	0.4	1.0	BDL	BDL	BDL
08.12.2016	43	85	14.5	18.5	14	<0.1	38	0.4	1.2	BDL	BDL	BDL
13.12.2016	47	88	13.3	16.2	15	<0.1	34	0.6	1.3	BDL	BDL	BDL
16.12.2016	49	90	14.1	21.6	16	<0.1	30	0.5	1.2	BDL	BDL	BDL
21.12.2016	52	92	15.2	22.5	14	<0.1	32	0.5	1.1	BDL	BDL	BDL
24.12.2016	50	90	12.9	18.5	16	<0.1	36	0.5	1.3	BDL	BDL	BDL
26.12.2016	46	86	13.2	20.6	14	<0.1	35	0.6	1.3	BDL	BDL	BDL
29.12.2016	40	84	14.9	21.5	15	<0.1	32	0.6	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No.: 189-DTD-2016, Calibration due 18.04.2017
2. Model/SI.No.: 139-DTD-2016 Calibration due 18.04.2017
3. Method: IS5182

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TEST REPORT

Test Report No.TLC/V/Env/VGCBPL/04/1216

dt:02.01.2017

Description of test: Noise Level Measurement

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

City: Visakhapatnam

Location; Asper details given

Date : 27.12.2016

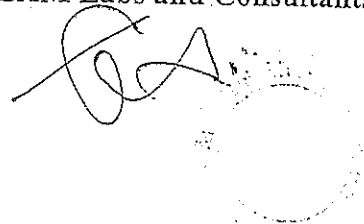
S No	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	67.8	59.3
2	Near pump house (Westernside)	61.4	52.9
3	Near Wagonloading area Control room	65.2	60.4
	CPCB STANDARD	75	70

Instruments used;

Soundlevel meter of Lutron make model SLM4001

Calibration due : 24 .02.2017

For TEAM Labs and Consultants



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TEST REPORT

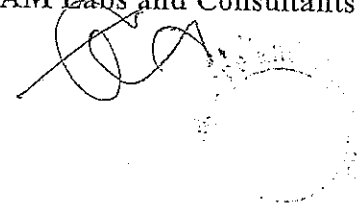
Test Report No.TLC/V/Env/VGCBPL/05/1216

dt02.01.2017

Description of test: STP Outlet Water Analysis
Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..
City: Visakhapatnam
Location; Asper details given
Date : 27.12.2016

No	Parameter	units	AD-BLOCK STP O/L	Surface Water discharge standards
1	pH		7.5	5.5-9.0
2	TDS	mg/l	525	-
3	TSS	mg/l	15	100
4	BOD	mg/l	10	30
5	COD	mg/l	55	250
6	OIL&GREASE	mg/l	BDL	10

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/01/1116

dt01.12.2016

Description of Test: Ambient Air Quality Monitoring

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		
02.11.2016	40	81	9.5	13.3	12	<0.1	22	0.5	1.1	BDL	BDL	BDL
05.11.2016	36	63	9.2	12.9	10	<0.1	18	0.4	1.0	BDL	BDL	BDL
08.11.2016	44	90	10.6	15.9	12	<0.1	22	0.5	1.3	BDL	BDL	BDL
11.11.2016	45	89	11.2	16.8	10	<0.1	20	0.6	1.0	BDL	BDL	BDL
15.11.2016	48	94	10.8	16.6	12	<0.1	24	0.6	1.2	BDL	BDL	BDL
23.11.2016	46	91	11.5	17.9	10		20	0.4	1.1	BDL	BDL	BDL
26.11.2016	37	82	10.6	18.0	10	<0.1	20	0.4	1.0	BDL	BDL	BDL
29.11.2016	40	86	11.6	19.2	10	<0.1	22	0.5	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No.: 213-DTD-2016, Calibration due 18.04.2017
3. Method: IS5182

For TEAM Labs and Consultants

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Laboratory Recognised by Ministry Environment, Forests and Climate Change, GoI, New Delhi**TEST REPORT**

Test Report No. TLC/V/Env/VGCBPL/05/1116

dt01.12.2016

Description of test: STP Outlet Water Analysis

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

City: Visakhapatnam

Location: Asper details given

Date : 15.11.2016

No	Parameter	units	AD-BLOCK STP O/L	Surface Water discharge standards
1	pH		7.2	5.5-9.0
2	TDS	mg/l	688	-
3-	TSS	mg/l	20	100
4	BOD	mg/l	11	30
5	COD	mg/l	70	250
6	OIL&GREASE	mg/l	BDL	10

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/02/1116

dt: 01.12.2016

Description of Test: Ambient Air Quality Monitoring

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

City: Visakhapatnam

Location; Near Pumpouse (Western side)

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		
02.11.2016	45	92	10.5	16.6	12	<0.1	26	0.4	1.0	BDL	BDL	BDL
05.11.2016	49	94	10.8	15.5	10	<0.1	24	0.4	0.9	BDL	BDL	BDL
08.11.2016	49	95	11.5	18.9	12	<0.1	28	0.4	1.0	BDL	BDL	BDL
11.11.2016	46	97	13.2	19.2	10	<0.1	30	0.5	1.1	BDL	BDL	BDL
15.11.2016	49	98	11.9	15.6	12	<0.1	32	0.4	1.0	BDL	BDL	BDL
3.11.2016	48	95	13.5	18.8	10	<0.1	30	0.4	1.0	BDL	BDL	BDL
5.11.2016	44	92	10.9	15.3	10	<0.1	26	0.4	1.1	BDL	BDL	BDL
29.11.2016	40	85	12.2	16.2	10	<0.1	24	0.4	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/Sl.No; 90-dtl-2013, Calibration due 17.12.2016

3. Method: IS 5182

For TEAM Labs and Consultants

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/03/1116

dt01.12.2016

Description of Test: Ambient Air Quality Monitoring for

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

City: Visakhapatnam

Location; Near GCB(Southern side)

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		
02.11.2016	47	94	14.1	18.1	14	<0.1	32	0.4	1.0	BDL	BDL	BDL
05.11.2016	46	89	9.7	16.9	12	<0.1	34	0.4	1.0	BDL	BDL	BDL
08.11.2016	46	92	12.6	16.5	14	<0.1	36	0.4	1.2	BDL	BDL	BDL
11.11.2016	50	95	11.9	19.2	14	<0.1	30	0.6	1.1	BDL	BDL	BDL
15.11.2016	47	93	12.3	20.6	12	<0.1	34	0.6	1.2	BDL	BDL	BDL
23.11.2016	49	95	14.2	21.5	14	<0.1	36	0.7	1.0	BDL	BDL	BDL
26.11.2016	39	86	13.5	18.5	12	<0.1	32	0.5	1.3	BDL	BDL	BDL
29.11.2016	42	89	14.4	21.6	12	<0.1	30	0.6	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No.:189-DTD-2016, Calibration due 18.04.2017
2. Model/SI.No.:139-DTD-2016 Calibration due 18.04.2017
3. Method:IS5182

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Test Report No. TLC/V/Env/VGCBPL/04/1116

dt01.12.2016

Description of test: Noise Level Measurement

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

City: Visakhapatnam

Location; Asper details given

Date : 29.11.2016

S No	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	64.9	60.7
2	Near pump house (Westernside)	59.2	53.8
3	Near Wagonloading area Control room	66.5	61.2
	CPCB STANDARD	75	70

Instruments used;

Sound level meter of Lutron make model SLM4001

Calibration due : 24 .02.2017

For TEAM Labs and Consultants

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TEST REPORT

Test Report No.TLC/V/Env/VGCBPL/01/1016

dt01.11.2016

Description of Test: Ambient Air Quality Monitoring

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		
05.10.2016	48	85	11.1	14.8	14	<0.1	20	0.6	1.1	BDL	BDL	BDL
08.10.2016	41	80	10.2	13.9	10	<0.1	24	0.4	1.4	BDL	BDL	BDL
10.10.2016	50	92	12.2	17.0	14	<0.1	25	0.6	1.2	BDL	BDL	BDL
13.10.2016	52	90	10.5	16.1	12	<0.1	20	0.6	1.0	BDL	BDL	BDL
18.10.2016	54	96	12.9	17.2	12	<0.1	22	0.4	1.2	BDL	BDL	BDL
21.10.2016	48	92	14.1	19.9	14	<0.1	24	0.5	1.1	BDL	BDL	BDL
26.10.2016	40	78	11.8	16.3	12	<0.1	20	0.4	1.0	BDL	BDL	BDL
29.10.2016	45	89	10.2	15.7	10	<0.1	24	0.6	1.2	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No.:213-DTD-2016, Calibration due 18.04.2017
3. Method:IS5182

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/02/1016

dt01.11.2016

Description of Test: Ambient Air Quality Monitoring

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

City: Visakhapatnam

Location; Near Pumphouse (Western side)

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
05.10.2016	40	82	9.8	15.5	12	<0.1	30	0.5	1.0	BDL	BDL	BDL
08.10.2016	36	76	10.2	17.2	10	<0.1	36	0.4	1.1	BDL	BDL	BDL
10.10.2016	38	85	10.8	16.5	12	<0.1	32	0.4	1.2	BDL	BDL	BDL
13.10.2016	33	72	11.2	18.0	10	<0.1	26	0.6	1.1	BDL	BDL	BDL
18.10.2016	40	82	9.8	15.9	12	<0.1	28	0.4	1.2	BDL	BDL	BDL
21.10.2016	39	90	12.2	19.3	14	<0.1	34	0.4	1.0	BDL	BDL	BDL
26.10.2016	33	80	10.6	15.5	10	<0.1	22	0.6	0.9	BDL	BDL	BDL
9.10.2016	42	86	10.5	14.7	12	<0.1	25	0.4	0.9	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No; 90-dtl-2013, Calibration due 17.12.2016

3. Method: ISS182

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ISO 9001 : 2008, ISO 14001 : 2004 and OHSAS 18001 : 2007 Certified Organization
 Laboratory Recognised by Ministry Environment, Forests and Climate Change, Gol, New Delhi



Test Report No. TLC/V/Env/VGCBPL/03/1016

dt01.11.2016

Description of Test: Ambient Air Quality Monitoring for

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

City: Visakhapatnam

Location; Near GCB(Southern side)

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		
05.10.2016	48	95	13.3	17.8	14	<0.1	35	0.4	1.0	BDL	BDL	BDL
08.10.2016	46	93	12.5	19.5	14	<0.1	32	0.5	1.1	BDL	BDL	BDL
10.10.2016	40	85	13.0	20.2	16	<0.1	35	0.4	1.0	BDL	BDL	BDL
13.10.2016	52	96	12.5	18.8	14	<0.1	30	0.5	1.0	BDL	BDL	BDL
18.10.2016	41	88	10.8	17.4	12	<0.1	-38	0.7	1.2	BDL	BDL	BDL
21.10.2016	44	90	10.5	18.9	14	<0.1	36	0.6	1.1	BDL	BDL	BDL
26.10.2016	49	98	14.1	21.2	15	<0.1	24	0.5	1.1	BDL	BDL	BDL
29.10.2016	45	91	13.7	19.9	12	<0.1	30	0.4	1.0	BDL	BDL	BDL
PCB STANDARD	60	100	80	80	100	1.0	400	5.0	2.0	1.0	6.0	20

Instruments used:

1. Model/SI.No.:189-DTD-2016, Calibration due 18.04.2017
2. Model/SI.No.:139-DTD-2016 Calibration due 18.04.2017
3. Method:ISS182

For TEAM Labs and Consultants

Labs and Consultants

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TEST REPORT

Test Report No. TLC/V/Env/VGCBPL/04/1016

dt 01.11.2016

Description of test: Noise Level Measurement

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

City: Visakhapatnam

Location: Asper details given

Date : 19.10.2016

S No	Location	Sound level dB (A)	
		Day Time (6 AM to 10 PM)	Night Time (10 PM to 6 AM)
1	Near Administrative block	66.8	61.3
2	Near pump house (Westernside)	57.4	52.9
3	Near Wagonloading area Control room	69.2	63.5
	CPCB STANDARD	75	70

Instruments used;

Sound level meter of Lutron make model SLM4001

Calibration due : 24 .02.2017

For TEAM Labs and Consultants

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TEST REPORT

Test Report No.TLC/V/Env/VGCBPL/05/1016

dt01.11.2016

Description of test: STP Outlet Water Analysis
Name of the Industry : Vizag General Cargo Berth Pvt. Ltd..
City: Visakhapatnam
Location; Asper details given
Date : 19.10.2016

No	Parameter	units	AD-BLOCK STP O/L	Surface Water discharge standards
1	pH	-	7.5	5.5-9.0
2	TDS	mg/l	790	-
3	TSS	mg/l	24	100
4	BOD	mg/l	12	30
5	COD	mg/l	74	250
6	OIL&GREASE	mg/l	BDL	10

For TEAM Labs and Consultants