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# HETERO LABS LIMITED (UNIT-III)

Survey No.126, 150, 151, N. Narasapuram (Vill.), Nakkapally (Mandal)  
VISAKHAPATNAM (Dist.) - 531 081. A.P., India. Tel : 08931- 2237307, Fax : 08931- 227200  
E-mail : contact@heterodrugs.com. URL : http://www.heterodrugs.com.

Letter No: HLL-III/EHS/ENV/APPCB/17-18/19

August 3<sup>rd</sup> 2017

To,  
The Environmental Engineer,  
Regional Office,  
A.P. Pollution Control Board,  
Visakhapatnam

**Sub: Submission of Environmental Monitoring data-Reg.**

Dear Sir,

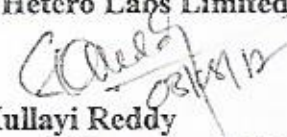
We are here with submitting the following environmental monitoring reports of July-17, i.e.,

- Ambient Air Quantity Monitoring,
- Stack Monitoring
- Waste water analysis

Submitted for your kind information and records please.

Thanking you sir,

Yours faithfully,  
For Hetero Labs Limited (Unit-III)

  
S. Kullayi Reddy  
General Manager – EH&S

Encl: As Above





## SV ENVIRO LABS & CONSULTANTS

Environmental Engineers & Consultants in Pollution Control

Enviro House,,B-1, Block - B, IDA

Autonagar,Visakhapatnam

Phone: 9440338628

Email:info@svenvirolabs.com

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<b>Ref Code</b>	: SVELC/HLL3/17-18/169	<b>Date</b> : 28/07/2017
<b>Name and Address</b>	: M/s HETERO LABS LIMITED (UNIT - III) Nallamatipalem Village,Nakapally Mandal Visakhapatnam (Dt)	
<b>Sample Particulars</b>	: Ambient Air Quality	
<b>Source of Collection</b>	: NEAR CANTEEN AREA	
<b>Sample Code</b>	: SVELC/17/AAQ/136	
<b>Date and Time of Start</b>	: 20/07/2017 10:50	
<b>Duration of Sampling</b>	: 24 Hours	
<b>Atmosphere Condition</b>	: CLEAR SKY	

### TEST REPORT

Sl No	Parameter	Unit	Result	Method	Standard
1	Particulate Matter - (PM 10)	µg/m <sup>3</sup>	52.7	IS:5182- P-23	100
2	Particulate Matter - (PM2.5)	µg/m <sup>3</sup>	21.2	40 CFR USEPA Chapter 1 Part 50 AP-L	60
3	Sulphur Dioxide - SO <sub>2</sub>	µg/m <sup>3</sup>	14.5	IS:5182 - P-2	80
4	Oxides of Nitrogen - NO <sub>x</sub>	µg/m <sup>3</sup>	13.7	IS:5182 - P-6	80

  
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Ref Code	: SVELC/HLL3/17-18/170	Date : 28/07/2017
Name and Address	: M/s HETERO LABS LIMITED (UNIT - III) Nallamatipalem Village,Nakapally Mandal Visakhapatnam (Dt)	
Sample Particulars	: Ambient Air Quality	
Source of Collection	: NEAR PRODUCTION AREA (BLOCK -A)	
Sample Code	: SVELC/17/AAQ/137	
Date and Time of Start	: 20/07/2017 11:15	
Duration of Sampling	: 24 Hours	
Atmosphere Condition	: CLEAR SKY	

### TEST REPORT

SI No	Parameter	Unit	Result	Method	Standard
1	Particulate Matter - (PM 10)	µg/m <sup>3</sup>	58.3	IS:5182- P-23	100
2	Particulate Matter - (PM2.5)	µg/m <sup>3</sup>	26.5	40 CFR USEPA Chapter 1 Part 50 AP-L	60
3	Sulphur Dioxide - SO <sub>2</sub>	µg/m <sup>3</sup>	15.9	IS:5182 - P-2	80
4	Oxides of Nitrogen - NO <sub>x</sub>	µg/m <sup>3</sup>	14.5	IS:5182 - P-6	80

  
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**Ref Code** : SVELC/HLL3/17-18/173 **Date** : 28/07/2017

**Name and Address** : M/s HETERO LABS LIMITED (UNIT - III)  
Nallamatipalem Village, Nakapally Mandal  
Visakhapatnam (Dt)

**Sample Particulars** : Ambient Air Quality

**Source of Collection** : NEAR PRODUCTION BLOCK

**Sample Code** : SVELC/17/AAQ/138

**Date and Time of Start** : 20/07/2017 11:45

**Duration of Sampling** : 24 Hours


**Atmosphere Condition** : CLEAR SKY

## TEST REPORT

Sl No	Parameter	Unit	Result	Method	STANDARD
1	Particulate Matter - (PM 10)	µg/m <sup>3</sup>	50.3	IS:5182- P-23	100
2	Particulate Matter - (PM2.5)	µg/m <sup>3</sup>	20.7	40 CFR USEPA Chapter 1 Part 50 AP-L	60
3	Sulphur Dioxide - SO <sub>2</sub>	µg/m <sup>3</sup>	15.2	IS:5182 - P-2	80
4	Oxides of Nitrogen - NO <sub>x</sub>	µg/m <sup>3</sup>	14.5	IS:5182 - P-6	80

  
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Ref Code : SVELC/HLI.3/17-18/179  
Name and Address : M/s HETERO LABS LIMITED (UNIT - III)  
Nallamatipalem Village, Nakapally Mandal  
Visakhapatnam (Dt) Date : 29/07/2017  
Sample Particulars : Effluent analysis  
Source of Collection : ETP INLET  
Sample Code : SVELC/17/EFF/140  
Date of Collection : 19/07/2017  
Date of Receipt : 21/07/2017

## TEST REPORT

Sl No	Parameter	Unit	Result	Method	STANDARD
1	pH	-	7.28	IS 2488	-
2	Suspended Solids,SS	mg/l	478	IS:2488	-
3	Total Dissolved solids, TDS	mg/l	13894	IS:2488	-
4	Chemical Oxygen Demand(COD)	mg/l	22450	IS:2488	-
5	BOD 3d 27oC	mg/l	7368	IS:2488	-
6	Chlorides as Cl	mg/l	3232	IS:2488	-
7	Oil & Grease	mg/l	16.5	IS:2488	-
8	Sulphide as S	mg/l	5.8	IS:2488	-
9	Phenolic compounds(C6H5OH)	mg/l	0.42	IS:2488	-
10	Cyanide as CN	mg/l	BDL	IS:2488	-
11	Hexavalent chromium as Cr6	mg/l	BDL	IS:2488	-
12	Lead as Pb	mg/l	BDL	IS:2488	-

Note: BDL denotes Below Detectable Level

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**Ref Code** : SVELC/HLL3/17-18/175 **Date** : 28/07/2017

**Name and Address** : M/s HETERO LABS LIMITED (UNIT - III)  
Nallamatipalem Village, Nakapally Mandal  
Visakhapatnam (Dt)

**Sample Particulars** : Stack monitoring

**Source of Collection** : 1010 KVA DG SET

**Sample Code** : SVELC/17/SE/142

**Date and Time of Start** : 20/07/2017 02:30

**Duration of Sampling** : 30 MIN

## TEST REPORT

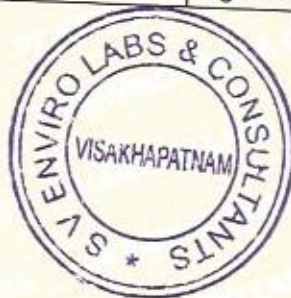
### STACK DETAILS

SINo	Description	Unit	Result
1	Pitot Coefficient	-	0.87
2	Sp: gravity of Fluid	-	1.0
3	Temperature @ DGM	oC	35
4	Stack Temperature	oC	219
5	Nozzle diameter	mm	10
6	Exit Velocity	m/sec	14.2
7	Fuel used	-	HSD

### EMISSION DATA

SI No	Parameter	Unit	Result	Method	STANDARD
1	SPM	mg/nm3	60.4	IS:11255 - P-1	115
2	Sulphur Dioxide - SO2	mg/nm3	32.7	IS:11255 - P-2	-
3	Oxides of Nitrogen - NOx	mg/nm3	24.8	IS:11255 - P-7	-

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Ref Code	: SVELC/HLL3/17-18/174	Date : 28/07/2017
Name and Address	: M/s HETERO LABS LIMITED (UNIT - III) Nallamatipalem Village, Nakapally Mandal Visakhapatnam (Dt)	
Sample Particulars	: Stack monitoring	
Source of Collection	: 20 TPH BOILER CHIMNEY	
Sample Code	: SVELC/17/SE/139	
Date and Time of Start	: 20/07/2017 01:15	
Duration of Sampling	: 60 MIN	
Atmosphere Condition	: CLEAR SKY	

## TEST REPORT

### STACK DETAILS

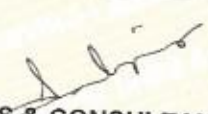
SINo	Description	Unit	Result
1	Pitot Coefficient	-	0.87
2	Sp: gravity of Fluid	-	1.0
3	Temperature @ DGM	oC	37
4	Stack Temperature	oC	122
5	Nozzle diameter	mm	10
6	Exit Velocity	m/sec	7.45
7	Duration of Sampling	minutes	60
8	Fuel used	-	COAL

### EMISSION DATA

SI No	Parameter	Unit	Result	Method	STANDARD
1	SPM	mg/nm3	78.4	IS:11255 - P-1	115
2	Sulphur Dioxide - SO2	mg/nm3	65.9	IS:11255 - P-2	-
3	Oxides of Nitrogen - NOx	mg/nm3	37.5	IS:11255 - P-7	-

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