

Recognized by Pollution Control Board, Assam

**AMBIENT AIR ANALYSIS REPORT**

Rep.No. 170328\_13010037\_01\_597

Date: 28/03/2017

**Name & Address:**

M/s. Subham Buildwell  
R.G. Baruah Road,  
Vill: Japorigog, Mouza: Beltola,  
Dist: Kamrup, Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION/ SOURCE	WEATHER	PARAMETERS			
				PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	NO <sub>x</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )
i)	24/03/17	Near North West Side	Clear	70.4	35.2	13.9	4.6
ii)		Near South West Side		73.1	36.9	10.2	5.8

Remarks: - Parameters are within the permissible limit.

**NATIONAL AMBIENT AIR QUALITY STANDARDS:**

Sl. No.	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	
1	Sulphur Dioxide (SO <sub>2</sub> ) µg/m <sup>3</sup>	24 hours		80
2	Nitrogen Dioxide (NO <sub>2</sub> ), µg/m <sup>3</sup>	24 hours		80
3	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	24 hours		100
4	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	24 hours		60

Envision Enviro Technologies North East, Guwahati



(Quality control Manager)

Note: i) The results relate only to the parameters tested

ii) The test report shall not be reproduced except in full, without written approval of laboratory

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**D.G SET NOISE LEVEL MEASUREMENT REPORT**

Rep.No. 170328\_13010037\_06A\_598

Date: 28/03/2017

**Name & Address:**

M/s. Subham Buildwell  
R.G. Baruah Road,  
Vill: Japorigog, Mouza: Beltola,  
Dist: Kamrup, Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	24/03/17	160 KVA - DG Set	69.1

Remarks: Noise level is carried out during day time at a distance 1metre from the enclosure surface.

**DG Set Noise Standards:**

Noise limit viz. 75 dB(A) at 1m distance.

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**AMBIENT NOISE LEVEL MEASUREMENT REPORT**

Rep.No. 170328\_13010037\_06A\_599

Date: 28/03/2017

**Name & Address:**

M/s. Subham Buildwell  
R.G. Baruah Road,  
Vill: Japorigog, Mouza: Beltola,  
Dist: Kamrup, Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	LOCATION /SOURCE	NOISE LEVEL in dB(A)Leq
i)	24/03/17	Near Main Gate	47.1
ii)		Near DG Station	53.6

Remarks: Noise level are carried out during day time.

**Ambient Noise Standards:**

Area Code	Category of area	Limits in dB(A) Leq	
		Day (6:00 am to 10:00 pm)	Night (10:00 pm to 6:00 am)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

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## STACK ANALYSIS REPORT

Rep.No. 170328\_13010037\_02\_600

Date: 28/03/2017

### Name & Address:

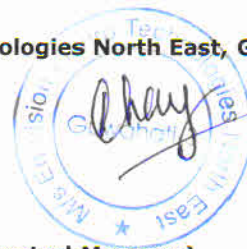
M/s. Subham Buildwell  
R.G. Baruah Road,  
Vill: Japorigog, Mouza: Beltola,  
Dist: Kamrup, Guwahati, Assam.

SL. NO.	DATE OF SAMPLING	STACK DESCRIPTION	PARAMETERS	REMARKS
			Particulate Matter (g/kwhr)	-Data is within the permissible limit
i)	24/03/17	Stack attached to DG set - 160 KVA	0.12	

### Emission Standards for Diesel Engine for generator set :

Engine Power(P)	Parameter	Standards
75KW<P≤800KW	Particulate Matter	0.2 g/kwhr

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