



# HARYANA TEST HOUSE

& Consultancy Services  
NABL ACCREDITED LABORATORY

50-C, Sector-25 Part-II, HUDA, PANIPAT-132 104 (HR.)

Contact : (M) 86077-70160, (O) 0180-2671112

Web Site : www.haryanatesthouse.net, e-mail : info@haryanatesthouse.net, haryanatesthouseecs@gmail.com

Recognition / Accreditation : MoEF / NABL / BIS / FSSAI / PPCB / HSPCB / ISO 9001, 14001, 18001 Certified Lab.

## TEST CERTIFICATE

Report No: 180806017

Date: 10.08.2018

Issued to:

M/s Regional Office (HSPCB),  
Bahadurgarh, Distt- Jhajjar (HR)

Party's Ref. No: Nil

Job Order No: HTH/CH/180806017, Dt.: 06.08.2018

Sample Description: Ambient Air Quality Monitoring

Date of sampling & time : 05.08.2018 (10:30 Hrs) to 06.08.2018 (10:30 Hrs)  
Sampling location : SDM Office Badli  
Instrument used : RDS Model APM- 460 BL (Sr. No. 2304-DTH-2018)  
Instrument Calibration Status : Calibrated upto 08-02-2019  
Purpose of analysis : Monitoring  
Sample collected/ supplied by : By our Lab. Representative  
Period of testing : 06.08.2018 to 10.08.2018

### A. Observations:

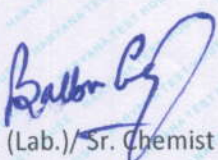
1 Sampling flow rate (Avg.) : 1.21 m<sup>3</sup> / min  
2 Total volume of air sampled : 1801.72 m<sup>3</sup> (for RSPM)  
3 Period of sampling : 24 Hrs.

### B. Test Results:

Sr. No.	Parameters	Results	Standard Limits (NAAQS)	Protocol Used
1	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	69.21	100 max.	IS 5182 (Part-23) : 2006
2	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	35.43	60 max.	By HTH/QF/5-4/2/CH-02/03
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	15.98	80 max.	IS 5182 (Part-2) : 2001
4	Oxides of Nitrogen (NO <sub>2</sub> ), µg/m <sup>3</sup>	28.39	80 max.	IS 5182 (Part-6) : 2006

Remarks:

- Standard limits are as per CPCB notification Nov. 2009
- BDL : Below Detection limits / DL : Detected Limit

  
Mgr. (Lab.)/Sr. Chemist



Authorised Signatory  
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## TEST CERTIFICATE

Report No: 180817049

Date: 20.08.2018

Issued to:

M/s Regional Office (HSPCB),  
Bahadurgarh, Distt- Jhajjar (HR)

Party's Ref. No: Nil

Job Order No: HTH/CH/180817049, Dt.: 17.08.2018

Sample Description: Ambient Air Quality Monitoring

Date of sampling & time : 16.08.2018 (10:30 Hrs) to 17.08.2018 (10:30 Hrs)  
Sampling location : SDM Office Badli  
Instrument used : RDS Model APM- 460 BL (Sr. No. 2304-DTH-2018)  
Instrument Calibration Status : Calibrated upto 08-02-2019  
Purpose of analysis : Monitoring  
Sample collected/ supplied by : By our Lab. Representative  
Period of testing : 17.08.2018 to 20.08.2018

### A. Observations:

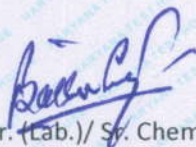
1 Sampling flow rate (Avg.) : 1.21 m<sup>3</sup>/min  
2 Total volume of air sampled : 1737.32 m<sup>3</sup> (for RSPM)  
3 Period of sampling : 24 Hrs.

### B. Test Results:

Sr. No.	Parameters	Results	Standard Limits (NAAQS)	Protocol Used
1	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	64.87	100 max.	IS 5182 (Part-23) : 2006
2	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	39.92	60 max.	By HTH/QF/5-4/2/CH-02/03
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	16.04	80 max.	IS 5182 (Part-2) : 2001
4	Oxides of Nitrogen (NO <sub>2</sub> ), µg/m <sup>3</sup>	31.51	80 max.	IS 5182 (Part-6) : 2006

Remarks:

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## TEST CERTIFICATE

Report No: 180821043

Date: 24.08.2018

Issued to:

M/s Regional Office (HSPCB),  
Bahadurgarh, Distt- Jhajjar (HR)

Party's Ref. No: Nil

Job Order No: HTH/CH/180821043, Dt.: 21.08.2018

Sample Description: Ambient Air Quality Monitoring

Date of sampling & time : 20.08.2018 (10:30 Hrs) to 21.08.2018 (10:30 Hrs)  
Sampling location : SDM Office Badli  
Instrument used : RDS Model APM- 460 BL (Sr. No. 2304-DTH-2018)  
Instrument Calibration Status : Calibrated upto 08-02-2019  
Purpose of analysis : Monitoring  
Sample collected/ supplied by : By our Lab. Representative  
Period of testing : 21.08.2018 to 24.08.2018

### A. Observations:

1 Sampling flow rate (Avg.) : 1.21 m<sup>3</sup>/min  
2 Total volume of air sampled : 1719.89 m<sup>3</sup> (for RSPM)  
3 Period of sampling : 24 Hrs.

### B. Test Results:

Sr. No.	Parameters	Results	Standard Limits (NAAQS)	Protocol Used
1	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	71.98	100 max.	IS 5182 (Part-23) : 2006
2	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	43.64	60 max.	By HTH/QF/5-4/2/CH-02/03
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	17.69	80 max.	IS 5182 (Part-2) : 2001
4	Oxides of Nitrogen (NO <sub>2</sub> ), µg/m <sup>3</sup>	34.28	80 max.	IS 5182 (Part-6) : 2006

Remarks:

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## TEST CERTIFICATE

Report No: 180828035

Date: 30.08.2018

Issued to:

M/s Regional Office (HSPCB),  
Bahadurgarh, Distt- Jhajjar (HR)

Party's Ref. No: Nil

Job Order No: HTH/CH/180828035, Dt.: 28.08.2018

Sample Description: Ambient Air Quality Monitoring

Date of sampling & time : 27.08.2018 (10:30 Hrs) to 28.08.2018 (10:30 Hrs)  
Sampling location : SDM Office Badli  
Instrument used : RDS Model APM- 460 BL (Sr. No. 2304-DTH-2018)  
Instrument Calibration Status : Calibrated upto 08-02-2019  
Purpose of analysis : Monitoring  
Sample collected/ supplied by : By our Lab. Representative  
Period of testing : 28.08.2018 to 30.08.2018

### A. Observations:

1 Sampling flow rate (Avg.) : 1.19 m<sup>3</sup> / min  
2 Total volume of air sampled : 1685.07 m<sup>3</sup> (for RSPM)  
3 Period of sampling : 24 Hrs.

### B. Test Results:

Sr. No.	Parameters	Results	Standard Limits (NAAQS)	Protocol Used
1	Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>	67.53	100 max.	IS 5182 (Part-23) : 2006
2	Particulate Matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup>	39.58	60 max.	By HTH/QF/5-4/2/CH-02/03
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	17.03	80 max.	IS 5182 (Part-2) : 2001
4	Oxides of Nitrogen (NO <sub>2</sub> ), µg/m <sup>3</sup>	31.96	80 max.	IS 5182 (Part-6) : 2006

Remarks:

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