

## Mitra S. K. Private Limited



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**CERTIFICATE OF ANALYSIS**

Ref no: -EC/7501

DATE:- 31-10-2011

Name of Client: **MCC PTA INDIA CORP.PRIVATE LIMITED**

ADDRESS : Vill &amp; P.O- Bhunia Raichak, Haldia, Purba Midnapur

Location : Riverside

***Ambient Air Quality Report***

SL. NO.	Date of Monitoring	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	NH <sub>3</sub> (µg/m <sup>3</sup> )	O <sub>3</sub> (µg/m <sup>3</sup> )	CO (µg/m <sup>3</sup> )	Pb (µg/m <sup>3</sup> )	Ni (ng/m <sup>3</sup> )	As (ng/m <sup>3</sup> )	Benzen e (µg/m <sup>3</sup> )	Benzo (a) Pyrene (ng/m <sup>3</sup> )
1	20/21.09.2011	45	26	4.7	29.7	33.3	125.6	118.8	BDL	BDL	BDL	BDL	BDL
2	23/24.09.2011	51	33	4.3	26.0	26.0	163.3	112.5	BDL	BDL	BDL	BDL	BDL
3	27/28.09.2011	59	30	6.1	34.5	29.1	116.4	81.3	BDL	BDL	BDL	BDL	BDL
4	30.09/01.10.2011	67	38	5.2	30.4	23.6	142.7	93.8	BDL	BDL	BDL	BDL	BDL
Limit as per CPCB notification, New Delhi, 18 <sup>th</sup> Nov, 2009, for Ambient Air quality		100	60	80	80	400	180	2000	1	20	6	5	1
Sampling & Analysis done according to	IS:5182 (Part 23) 1999	USEP A CFR-40, Part-50 Appendix-L	IS:5182 (Part-2) 2001	IS:5182 (Part-6) 2006	Air Sampling g.3 <sup>rd</sup> Edn. By James P. Lodge (Method 401)	UV Photomat	Non Dispersive Infra Red (NDIR) Spectroscopy	EPA IO-3.2	EPA IO-3.2	Air Sampling g.3 <sup>rd</sup> Edn. By James P. Lodge (Method 302)	IS 5182: Part.11	IS 5182 Part 12	

BDL- Below Detection Limit

Detection Limit of Pb: 0.02 µg/m<sup>3</sup>, Ni:1 ng/m<sup>3</sup>, As:1 ng/m<sup>3</sup>, C<sub>6</sub>H<sub>6</sub>:3.5 µg/m<sup>3</sup>  
 Benzo (a) pyrene: 0.01 ng/m<sup>3</sup>

For Mitra S.K. Pvt. Ltd.

Cert checked by:

Authorised Signatory



## Mitra S. K. Private Limited



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**CERTIFICATE OF ANALYSIS**

Ref no: -EC/7499

DATE:- 31-10-2011

Name of Client: **MCC PTA INDIA CORP. PRIVATE LIMITED**

Address : Vill &amp; P.O- Bhunia Raichak, Haldia, Purba Midnapur

Location : Priyanbada Market

***Ambient Air Quality Report***

SL. NO.	Date of Monitoring	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	NH <sub>3</sub> (µg/m <sup>3</sup> )	O <sub>3</sub> (µg/m <sup>3</sup> )	CO (µg/m <sup>3</sup> )	Pb (µg/m <sup>3</sup> )	Ni (ng/m <sup>3</sup> )	As (ng/m <sup>3</sup> )	Benzen e (µg/m <sup>3</sup> )	Benzo (a) Pyrene (ng/m <sup>3</sup> )
1	14/15.09.2011	42	23	4.7	31.9	23.0	95.5	106.3	BDL	BDL	BDL	BDL	BDL
2	17/18.09.2011	58	29	5.7	36.3	27.9	102.6	176.8	BDL	BDL	BDL	BDL	BDL
3	21/22.09.2011	87	43	7.1	41.1	37.5	113.4	101.6	BDL	BDL	BDL	3.9	BDL
4	24/25.09.2011	69	36	6.1	38.1	33.3	88.5	83.9	BDL	BDL	BDL	4.7	BDL
Limit as per CPCB notification, New Delhi, 18 <sup>th</sup> Nov, 2008, for Ambient Air quality		100	60	80	80	400	180	2000	1	20	6	5	1
Sampling & Analysis done according to	IS:5182 (Part-23) 1999	USEPA CFR-40, Part-50 Appendix-L	IS:5182 (Part-2) 2001	IS:5182 (Part-6) 2006	Air Sampling g.3 <sup>rd</sup> Edn. By James P. Lodge (Method -401)	UV Photom at	Non Dispersi ve Infra Red (NDIR) Spectro scopy)	EPA IO- 3.2	EPA IO- 3.2	Air Samplin g.3 <sup>rd</sup> Edn. By James P. Lodge (Method -302)	IS 5182: Part.11	IS 5182 Part 12	

BDL- Below Detection Limit

Detection Limit of Pb: 0.02 µg/m<sup>3</sup>, Ni: 1 ng/m<sup>3</sup>, As: 1 ng/m<sup>3</sup>, C<sub>6</sub>H<sub>6</sub>: 3.5 µg/m<sup>3</sup>  
 Benzo (a) pyrene: 0.01 ng/m<sup>3</sup>

For Mitra S.K. Pvt. Ltd.

Cert checked by: 
  
 Authorised Signatory


## Mitra S. K. Private Limited



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**CERTIFICATE OF ANALYSIS**

Ref no: -EC/7500

DATE:- 31-10-2011

Name of Client: **MCC PTA INDIA CORP.PRIVATE LIMITED**

ADDRESS : Vill &amp; P.O- Bhunia Raichak, Haldia, Purba Midnapur

Location : Basudevpur

**Ambient Air Quality Report**

SL. NO.	Date of Monitoring	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	NH <sub>3</sub> (µg/m <sup>3</sup> )	O <sub>3</sub> (µg/m <sup>3</sup> )	CO (µg/m <sup>3</sup> )	Pb (µg/m <sup>3</sup> )	Ni (ng/m <sup>3</sup> )	As (ng/m <sup>3</sup> )	Benzen e (µg/m <sup>3</sup> )	Benzo (a) Pyrene (ng/m <sup>3</sup> )
1	19/20.09.2011	47	27	4.3	27.9	22.4	86.3	106.3	BDL	5.66	BDL	BDL	BDL
2	25/26.09.2011	54	31	5.2	35.6	30.9	100.7	112.5	BDL	BDL	BDL	BDL	BDL
3	26/27.09.2011	68	39	7.8	41.8	43.8	129.7	87.5	BDL	BDL	BDL	BDL	BDL
4	29/30.09.2011	60	34	6.6	39.2	34.5	113.6	150.0	BDL	BDL	BDL	BDL	BDL
Limit as per CPCB notification, New Delhi, 18 <sup>th</sup> Nov, 2009, for Ambient Air quality		100	60	80	80	400	180	2000	1	20	6	5	1
Sampling & Analysis done according to		IS:5182 (Part 23) 1999	USEPA CFR-40, Part-50 Appendix x-L	IS:5182 (Part-2) 2001	IS:5182 (Part-6) 2006	Air Sampling g.3 <sup>rd</sup> Edn. By James P. Lodge (Method -401)	UV Photom at	Non Dispersi ve infra Red (NDIR) Spectro scopy)	EPA IO- 3.2	EPA IO- 3.2	Air Sampling g.3 <sup>rd</sup> Edn. By James P. Lodge (Method -302)	IS 5182: Part.11	IS 5182 Part 12

BDL- Below Detection Limit

Detection Limit of Pb: 0.02 µg/m<sup>3</sup>, Ni:1 ng/m<sup>3</sup>, As:1 ng/m<sup>3</sup>, C<sub>6</sub>H<sub>6</sub>:3.5 µg/m<sup>3</sup>  
Benzo (a) pyrene: 0.01 ng/m<sup>3</sup>

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