

REPORT OF AMBIENT AIR QUALITY MONITORING

REF. NO. : AEC/ONGC MEH./RA-03-04/2014

DATE : 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

1. Name of the Industry / Source : **ONGC LTD. Mehsana Asset..**
2. Month : **MARCH 2014**
3. Location : **RIG - E 760 - XI WELL # LNGB**
4. Date of Sampling : **09/03/2014**
5. Total Hrs. : **24 hrs.**

II Results :

S R . No.	P A R A M E T E R S	G P C B Limits	U n i t	R E S U L T S			
				LOCATION I	LOCATION II	LOCATION III	AVG.
1	PM- 10	100	µg/M ³	71	86	83	80
2	PM- 2.5	60	µg/M ³	31	35	26	30.6
3	Oxide of Sulphur(SO ₂)	80	µg/M ³	29.7	27.5	29.4	28.8
4	Oxide of Nitrogen (NO _x)	80	µg/M ³	39.2	38.3	37.4	38.3
5	Hydrocarbons as CH ₄	160	µg/M ³	9.7	9.4	8.6	9.2
6	Carbon Mono Oxide	2000	µg/M ³	1772	1876	1761	1803
7	Hydrogen Sulphide	0.36*	PPM	BDL	BDL	BDL	BDL

*Limits of H₂S is not indicated in the consents as given to ONGC but as per GPCB Norms it should be less than 500 µg/NM³ (i.e. 0.36 ppm at NTP). # BDL-Below Detectable Limit.(L. C. of the Instrument – 0.05 ppm).

III REMARKS:-

- Location – I (10:30 AM TO 18:30 PM) : **Near Rest House**
 Location – II (18:30 PM TO 02:30 AM) : **Near Rig Floor**
 Location – III (02:30 AM TO 10:30 AM) : **Near D.G. Set House Boundary**

Note: Ambient Air Quality Monitoring done by High Volume Sampler No. Prima/AEC/002.

METEOROLOGICAL DATA

Ambient Temperature Maximum (°C) : 37.6
 Ambient Temperature Minimum (°C) : 27.7
 Humidity (%) : 67
 Average Wind Speed (km / hr.) : 09
 Wind Direction : SOUTH-EAST

For AKSHAR ENVIRO CONTROL






REPORT OF STACK GAS EMISSION MONITORING

REF. NO. : AEC/ONGC MEH./RS-03-04/2014

DATE: 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

- | | |
|----------------------------------|-------------------------------|
| 1. Name of the Industry / Source | : ONGC LTD. Mehsana Asset.. |
| 2. Month | : MARCH 2014 |
| 3. Location | : RIG –E 760 – XI WELL # LNGB |
| 4. Date of Sampling | : 09/03/2014 |

II Results :

SR. No	P A R A M E T E R S	GPCB Limits	U n i t	R e s u l t s						
				LOCATION I	LOCATION II	LOCATION III	LOCATION IV	LOCATION V	LOCATION VI	LOCATION VII
1.	Suspended Particulate Matter (SPM)	150	Mg/NM ³	135	139	144	124	118	---	---
2.	Oxide of Sulphur(SO ₂)	100	PPM	40.7	41.3	40.6	31.3	27.5	---	---
3.	Oxide of Nitrogen(NO _x)	50	PPM	27.7	30.6	28.7	20.6	19.8	---	---
4.	Hydrocarbons as CH ₄	15	Mg/NM ³	9.3	8.7	9.5	6.9	5.7	---	---
5.	Carbon Mono Oxide	150	Mg/NM ³	19	16	17	12	13	---	---
6.	Hydrogen Sulphide	45	Mg/NM ³	N.A.	N.A.	N.A.	N.A.	N.A.	---	---

III Remarks:-

- Location – I : D.G. Set No. 1 KTA 50-G 25315419
 Location – II : D.G. Set No. 2 KTA 50-G 25340785
 Location – III : D.G. Set No. 3 KTA 50-G 25332402
 Location – IV : Mobile Screw Compressor 495-C 2522059
 Location – V : Mobile Welding Set S-433 A-24839
 Location – VI : ----

Note: All parameters are well within the GPCB prescribed limits.

For AKSHAR ENVIRO CONTROL



REPORT OF AMBIENT AIR QUALITY MONITORING

REF. NO. : AEC/ONGC MEH./RA-03-03/2014

DATE : 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

- | | | |
|----------------------------------|-----------------------------|-----------|
| 1. Name of the Industry / Source | : ONGC LTD. Mehsana Asset.. | |
| 2. Month | : MARCH 2014 | |
| 3. Location | : RIG M 900-I | WELL#SNLX |
| 4. Date of Sampling | : 08/03/2014 | |
| 5. Total Hrs. | : 24 hrs. | |

II Results :

S R No.	P A R A M E T E R S	G P C B Limits	U n i t	R E S U L T S			A V G.
				LOCATION I	LOCATION II	LOCATION III	
1	PM- 10	100	µg/M ³	82	64	77	74
2	PM- 2.5	60	µg/M ³	37	28	27	30
3	Oxide of Sulphur(SO ₂)	80	µg/M ³	18.7	21.8	20.7	20.4
4	Oxide of Nitrogen (NO _x)	80	µg/M ³	34.2	31.1	28.8	31.3
5	Hydrocarbons as CH ₄	160	µg/M ³	9.5	8.2	8.6	8.7
6	Carbon Mono Oxide	2000	µg/M ³	1842	1772	1739	1784
7	Hydrogen Sulphide	0.36*	PPM	BDL	BDL	BDL	BDL

*Limits of H₂S is not indicated in the consents as given to ONGC but as per GPCB Norms it should be less than 500 µg/NM³ (i.e. 0.36 ppm at NTP). # BDL-Below Detectable Limit.(L. C. of the Instrument – 0.05 ppm).

III REMARKS:-

- Location – I (12:30 PM TO 20:30 PM) : Near Rig Floor area
 Location – II (20:30 PM TO 04:30 AM) : Near Rest House
 Location – III (04:30 AM TO 12:30 PM) : Near D. G. Set House

Note: Ambient Air Quality Monitoring done by High Volume Sampler No. Prima/AEC/006.

METEOROLOGICAL DATA

- | | |
|------------------------------------|--------------|
| Ambient Temperature Maximum (°C) | : 34.0 |
| Ambient Temperature Minimum (°C) | : 19.2 |
| Humidity (%) | : 65 |
| Average Wind Speed (km / hr.) | : 07 |
| Wind Direction | : NORTH-EAST |

For AKSHAR ENVIRO CONTROL



REPORT OF STACK GAS EMISSION MONITORING

REF. NO. : AEC/ONGC MEH./RS-03-03/2014

DATE: 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

- | | |
|----------------------------------|------------------------------|
| 1. Name of the Industry / Source | : ONGC LTD. Mehsana Asset.. |
| 2. Month | : MARCH 2014 |
| 3. Location | : RIG – M –900-I WELL # SNLX |
| 4. Date of Sampling | : 08/03/2014 |

II Results :

SR. No	P A R A M E T E R S	GPCB Limits	U n i t	R e s u l t s						
				LOCATION I	LOCATION II	LOCATION III	LOCATION IV	LOCATION V	LOCATION VI	LOCATION VII
1.	Suspended Particulate Matter (SPM)	150	Mg/NM ³	117	129	121	127	137	129	114
2.	Oxide of Sulphur(SO ₂)	100	PPM	38.8	35.9	41.5	39.7	40.4	42.8	26.6
3.	Oxide of Nitrogen(NO _x)	50	PPM	23.8	27.5	22.5	33.2	31.4	34.7	19.8
4.	Hydrocarbons as CH ₄	15	Mg/NM ³	8.9	8.7	8.9	7.6	8.7	8.4	6.6
5.	Carbon Mono Oxide	150	Mg/NM ³	15	17	12	15	.17	16	12
6.	Hydrogen Sulphide	45	Mg/NM ³	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

III Remarks:-

- Location – I : Rig Carrier Eng. 1 KTA. 1150 19C 25339245
 Location – II : Rig Carrier Eng. 2 KTA.19C 25340166
 Location – III : Mud Pump Eng. 1 KTA. 50 P 25308960
 Location – IV : Mud Pump Eng. 2 KTA. 3067 P 25308961
 Location – V : D.G. Set No. 1 K-19 (CUMMINS) 3070889
 Location – VI : D.G. Set No. 2 K 12 (SUDHIR)
 Location -VII : Mobile air compressor N 495 C

Note: All parameters are well within the GPCB prescribed limits.

For AKSHAR ENVIRO CONTROL

(Handwritten Signature)



REPORT OF AMBIENT AIR QUALITY MONITORING

REF. NO. : AEC/ONGC MEH./RA-03-02/2014

DATE : 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

- | | | |
|----------------------------------|-----------------------------|-----------|
| 1. Name of the Industry / Source | : ONGC LTD. Mehsana Asset.. | |
| 2. Month | : MARCH 2014 | |
| 3. Location | : RIG M- 750-II | WELL#SNLE |
| 4. Date of Sampling | : 07/03/2014 | |
| 5. Total Hrs. | : 24 hrs. | |

II Results :

S R . No.	P A R A M E T E R S	G P C B Limits	U n i t	R E S U L T S			
				LOCATION I	LOCATION II	LOCATION III	AVG.
1	PM- 10	100	µg/M ³	87	83	76	82
2	PM- 2.5	60	µg/M ³	47	37	35	39
3	Oxide of Sulphur(SO ₂)	80	µg/M ³	25.3	24.2	24.9	24.8
4	Oxide of Nitrogen (NO _x)	80	µg/M ³	31.8	31.3	31.7	31.6
5	Hydrocarbons as CH ₄	160	µg/M ³	10.9	12.7	10.4	11.3
6	Carbon Mono Oxide	2000	µg/M ³	1763	1913	1721	1799
7	Hydrogen Sulphide	0.36*	PPM	BDL	BDL	BDL	BDL

*Limits of H₂S is not indicated in the consents as given to ONGC but as per GPCB Norms it should be less than 500 µg/NM³ (i.e. 0.36 ppm at NTP). # BDL-Below Detectable Limit.(L. C. of the Instrument – 0.05 ppm).

III REMARKS:-

Location – I (12:30 PM TO 20:30 PM) : Near Rig Floor area

Location – II (20:30 PM TO 04:30 AM) : Near Rest House

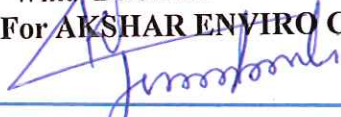
Location – III (04:30 AM TO 12:30 PM) : Near D. G. Set House

Note: Ambient Air Quality Monitoring done by High Volume Sampler No. Prima/AEC/005.

METEOROLOGICAL DATA

Ambient Temperature Maximum (°C)	: 37.2
Ambient Temperature Minimum (°C)	: 27.3
Humidity (%)	: 69
Average Wind Speed (km / hr.)	: 11
Wind Direction	: SOUTH-EAST

For AKSHAR ENVIRO CONTROL






REPORT OF STACK GAS EMISSION MONITORING

REF. NO. : AEC/ONGC MEH./RS-03-02/2014

DATE: 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

- | | |
|----------------------------------|----------------------------------|
| 1. Name of the Industry / Source | : ONGC LTD. Mehsana Asset.. |
| 2. Month | : MARCH 2014 |
| 3. Location | : RIG – M – 750 - II WELL # SNLE |
| 4. Date of Sampling | : 07/03/2014 |

II Results :

SR. No	P A R A M E T E R S	GPCB Limits	U n i t	R e s u l t s						
				LOCATION I	LOCATION II	LOCATION III	LOCATION IV	LOCATION V	LOCATION VI	LOCATION VII
1.	Suspended Particulate Matter (SPM)	150	Mg/NM ³	126	136	122	133	132	126	84
2.	Oxide of Sulphur(SO ₂)	100	PPM	37.6	40.3	38.9	40.6	36.7	42.4	20.3
3.	Oxide of Nitrogen(NO _x)	50	PPM	26.2	28.6	25.5	33.8	27.2	30.3	14.4
4.	Hydrocarbons as CH ₄	15	Mg/NM ³	8.7	9.4	7.7	7.3	9.4	8.9	3.6
5.	Carbon Mono Oxide	150	Mg/NM ³	19	16	12	19	16	15	09
6.	Hydrogen Sulphide	45	Mg/NM ³	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

III Remarks:-

- Location – I : Rig Carrier Eng. 1 NTA-855-C(BC) 25339296
 Location – II : Rig Carrier Eng. 2 NTA-855-C(BC) 25309971
 Location – III : Mud Pump Eng. 1 KTA. 50 P 25356785
 Location – IV : Mud Pump Eng. 2 KTA. 50 P 25356703
 Location – V : D.G. Set No. 1 NTA-14-G-3 25316872
 Location – VI : D.G. Set No. 2 KTA-19-G-9 25374464
 Location -VII : Air Compressor Set 6BTA 5.9C 84015380

Note: All parameters are well within the GPCB prescribed limits.

For AKSHAR ENVIRO CONTROL

(Handwritten Signature)



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REPORT OF AMBIENT AIR QUALITY MONITORING

REF. NO. : AEC/ONGC MEH./RA-03-01/2014

DATE : 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

1. Name of the Industry / Source : **ONGC LTD. Mehsana Asset..**
2. Month : **MARCH 2014**
3. Location : **RIG - IPS 700 - VI WELL # NNII**
4. Date of Sampling : **05/03/2014**
5. Total Hrs. : **24 hrs.**

II Results :

S R . No.	P A R A M E T E R S	G P C B Limits	U n i t	R E S U L T S			A V G .
				LOCATION I	LOCATION II	LOCATION III	
1	PM- 10	100	µg/M ³	81	85	69	78
2	PM- 2.5	60	µg/M ³	28	29	22	26
3	Oxide of Sulphur(SO ₂)	80	µg/M ³	24.8	27.9	25.9	26.2
4	Oxide of Nitrogen (NO _x)	80	µg/M ³	31.9	37.7	36.7	35.4
5	Hydrocarbons as CH ₄	160	µg/M ³	8.6	8.1	7.8	8.1
6	Carbon Mono Oxide	2000	µg/M ³	1569	1748	1837	1718
7	Hydrogen Sulphide	0.36*	PPM	BDL	BDL	BDL	BDL

*Limits of H₂S is not indicated in the consents as given to ONGC but as per GPCB Norms it should be less than 500 µg/NM³ (i.e. 0.36 ppm at NTP). # BDL-Below Detectable Limit.(L. C. of the Instrument – 0.05 ppm).

III REMARKS:-

- Location – I (12:00 PM TO 20:00 PM) : **Near Rest House**
 Location – II (20:00 PM TO 04:00 AM) : **Near Rig Floor**
 Location – III (04:00 AM TO 12:00 PM) : **Near D.G. Set House Boundary**

Note: Ambient Air Quality Monitoring done by High Volume Sampler No. Prima/AEC/005.

METEOROLOGICAL DATA

Ambient Temperature Maximum (°C) : 33.8
 Ambient Temperature Minimum (°C) : 18.9
 Humidity (%) : 63
 Average Wind Speed (km / hr.) : 08
 Wind Direction : NORTH-EAST

For AKSHAR ENVIRO CONTROL



REPORT OF STACK GAS EMISSION MONITORING

REF. NO. : AEC/ONGC MEH./RS-03-01/2014

DATE: 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

1. Name of the Industry / Source : **ONGC LTD. Mehsana Asset..**
2. Month : **MARCH 2014**
3. Location : **RIG –IPS 700 – VI WELL # NNII**
4. Date of Sampling : **05/03/2014**

II Results :

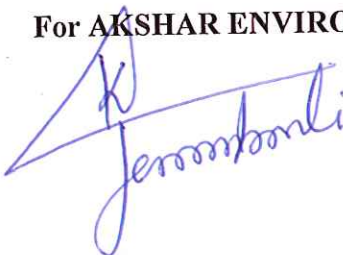
SR. No	P A R A M E T E R S	GPCB Limits	U n i t	R e s u l t s						
				LOCATION I	LOCATION II	LOCATION III	LOCATION IV	LOCATION V	LOCATION VI	LOCATION VII
1.	Suspended Particulate Matter (SPM)	150	Mg/NM ³	132	145	123	121	134	132	85
2.	Oxide of Sulphur(SO ₂)	100	PPM	45.6	47.8	43.3	41.3	44.4	40.4	26.7
3.	Oxide of Nitrogen(NO _x)	50	PPM	25.6	27.6	27.3	31.2	33.6	28.5	16.4
4.	Hydrocarbons as CH ₄	15	Mg/NM ³	8.5	7.3	8.5	5.7	7.7	7.6	4.3
5.	Carbon Mono Oxide	150	Mg/NM ³	17	15	14	18	17	13	08
6.	Hydrogen Sulphide	45	Mg/NM ³	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

III Remarks:-

- Location – I : **Rig Carrier Eng. 1 KTA 19C 37119907**
Location – II : **Rig Carrier Eng. 2 KTA 19C 25355615**
Location – III : **Mud Pump Eng. 1 KTA P-50 25356786**
Location – IV : **Mud Pump Eng. 2 KTA P-50 25340642**
Location – V : **D.G. Set No. 1 KTA 1150 31129914**
Location – VI : **D.G. Set No. 2 KTA 19-G 25362419**
Location -VII : **Air Compressor Eng. 6BTA 5.9C 84015386**

Note: All parameters are well within the GPCB prescribed limits.

For AKSHAR ENVIRO CONTROL



REPORT OF AMBIENT AIR QUALITY MONITORING

REF. NO. : AEC/ONGC MEH./RA-03-05/2014

DATE : 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

1. Name of the Industry / Source : **ONGC LTD. Mehsana Asset..**
2. Month : **MARCH 2014**
3. Location : **RIG - IPS 700 - V WELL # NNID**
4. Date of Sampling : **12/03/2014**
5. Total Hrs. : **24 hrs.**

II Results :

S R . No.	P A R A M E T E R S	G P C B Limits	U n i t	R E S U L T S			
				LOCATION I	LOCATION II	LOCATION III	AVG.
1	PM- 10	100	µg/M ³	79	80	72	77
2	PM- 2.5	60	µg/M ³	31	26	36	31
3	Oxide of Sulphur(SO ₂)	80	µg/M ³	23.0	20.8	22.5	22.1
4	Oxide of Nitrogen (NO _x)	80	µg/M ³	33.5	32.8	30.9	32.4
5	Hydrocarbons as CH ₄	160	µg/M ³	8.5	9.0	7.1	8.2
6	Carbon Mono Oxide	2000	µg/M ³	1808	1645	1698	1717
7	Hydrogen Sulphide	0.36*	PPM	BDL	BDL	BDL	BDL

*Limits of H₂S is not indicated in the consents as given to ONGC but as per GPCB Norms it should be less than 500 µg/NM³ (i.e. 0.36 ppm at NTP). # BDL-Below Detectable Limit.(L. C. of the Instrument – 0.05 ppm).

III REMARKS:-

- Location – I (12:30 PM TO 20:30 PM) : **Near Rest House**
 Location – II (20:30 PM TO 04:30 AM) : **Near Rig Floor**
 Location – III (04:30 AM TO 12:30 PM) : **Near D.G. Set House Boundary**

Note: Ambient Air Quality Monitoring done by High Volume Sampler No. Prima/AEC/006.

METEOROLOGICAL DATA

Ambient Temperature Maximum (°C) : 38.3
 Ambient Temperature Minimum (°C) : 28.2
 Humidity (%) : 72
 Average Wind Speed (km / hr.) : 13
 Wind Direction : SOUTH-EAST

For AKSHAR ENVIRO CONTROL



1, 3rd Floor, Lohana Building, Prof. Manekrao Road, Raopura, Vadodara-390 001.

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REPORT OF STACK GAS EMISSION MONITORING

REF. NO. : AEC/ONGC MEH./RS-03-05/2014

DATE: 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

1. Name of the Industry / Source : **ONGC LTD. Mehsana Asset..**
2. Month : **MARCH 2014**
3. Location : **RIG –IPS 700 – V WELL # NNID**
4. Date of Sampling : **12/03/2014**

II Results :

SR. No	P A R A M E T E R S	GPCB Limits	U n i t	R e s u l t s						
				LOCATION I	LOCATION II	LOCATION III	LOCATION IV	LOCATION V	LOCATION VI	LOCATION VII
1.	Suspended Particulate Matter (SPM)	150	Mg/NM ³	123	137	136	123	138	126	---
2.	Oxide of Sulphur(SO ₂)	100	PPM	41.2	42.7	43.5	44.7	41.5	34.2	---
3.	Oxide of Nitrogen(NO _x)	50	PPM	29.5	30.7	27.3	31.3	31.5	26.6	---
4.	Hydrocarbons as CH ₄	15	Mg/NM ³	8.5	6.4	9.5	7.1	7.8	8.3	---
5.	Carbon Mono Oxide	150	Mg/NM ³	22	17	13	17	15	19	---
6.	Hydrogen Sulphide	45	Mg/NM ³	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	---

III Remarks:-

- Location – I : Rig Carrier Eng. 1 KTA 19-C 25339121
 Location – II : Rig Carrier Eng. 2 KTA 19-C 25339962
 Location – III : Mud Pump Eng. 1 KTA 50-P 25340641
 Location – IV : Mud Pump Eng. 2 KTA 50-P 25340643
 Location – V : D.G. Set No. 1 3406DITA-6P2 2RJ05090
 Location – VI : D.G. Set No. 2 MWM TBD 3V12 13061260040

Note: All parameters are well within the GPCB prescribed limits.

For AKSHAR ENVIRO CONTROL





REPORT OF AMBIENT AIR QUALITY MONITORING

REF. NO. : AEC/ONGC MEH./RA-03-06/2012

DATE : 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

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|----------------------------------|-----------------------------|-----------|
| 1. Name of the Industry / Source | : ONGC LTD. Mehsana Asset.. | |
| 2. Month | : MARCH 2014 | |
| 3. Location | : RIG IPS 700 VII | WELL#JNGU |
| 4. Date of Sampling | : 13/03/2014 | |
| 5. Total Hrs. | : 24 hrs. | |

II Results :

S R No.	P A R A M E T E R S	G P C B Limits	U n i t	R E S U L T S			
				LOCATION I	LOCATION II	LOCATION III	AVG.
1	PM- 10	100	µg/M ³	92	81	69	80
2	PM- 2.5	60	µg/M ³	24	27	26	25
3	Oxide of Sulphur(SO ₂)	80	µg/M ³	26.2	18.9	20.9	22
4	Oxide of Nitrogen (NO _x)	80	µg/M ³	30.8	27.9	26.3	28.3
5	Hydrocarbons as CH ₄	160	µg/M ³	9.8	7.9	8.3	8.6
6	Carbon Mono Oxide	2000	µg/M ³	1867	1991	1942	1933
7	Hydrogen Sulphide	0.36*	PPM	BDL	BDL	BDL	BDL

*Limits of H₂S is not indicated in the consents as given to ONGC but as per GPCB Norms it should be less than 500 µg/NM³ (i.e. 0.36 ppm at NTP). # BDL-Below Detectable Limit.(L. C. of the Instrument – 0.05 ppm).

III REMARKS:-

- Location – I (12:00 PM TO 20:00 PM) : Near Rig Floor
 Location – II (20:00 PM TO 04:00 AM) : Near Rest House
 Location – III (04:00 AM TO 12:00 PM) : Near D.G. House Boundary

Note: Ambient Air Quality Monitoring done by High Volume Sampler No. Prima/AEC/005.

METEOROLOGICAL DATA

Ambient Temperature Maximum (°C)	: 34.4
Ambient Temperature Minimum (°C)	: 20.3
Humidity (%)	: 64
Average Wind Speed (km / hr.)	: 07
Wind Direction	: NORTH-EAST

For AKSHAR ENVIRO CONTROL



REPORT OF STACK GAS EMISSION MONITORING

REF. NO. : AEC/ONGC MEH./RS-03-06/2014

DATE: 28/03/2014

I General : ACT – AIR (Prevention & Control of pollution) ACT, 1981

- | | |
|----------------------------------|----------------------------------|
| 1. Name of the Industry / Source | : ONGC LTD. Mehsana Asset.. |
| 2. Month | : MARCH 2014 |
| 3. Location | : RIG –IPS 700 – VII WELL # JNGU |
| 4. Date of Sampling | : 13/03/2014 |

II Results :

SR. No	P A R A M E T E R S	GPCB Limits	U n i t	R e s u l t s						
				LOCATION I	LOCATION II	LOCATION III	LOCATION IV	LOCATION V	LOCATION VI	LOCATION VII
1.	Suspended Particulate Matter (SPM)	150	Mg/NM ³	139	141	135	124	133	125	78
2.	Oxide of Sulphur(SO ₂)	100	PPM	44.5	43.9	45.3	43.1	42.5	39.2	24.5
3.	Oxide of Nitrogen(NO _x)	50	PPM	27.6	29.3	28.6	33.8	31.4	29.1	15.2
4.	Hydrocarbons as CH ₄	15	Mg/NM ³	9.4	7.4	9.3	6.9	7.4	7.5	3.5
5.	Carbon Mono Oxide	150	Mg/NM ³	20	17	13	15	12	14	11
6.	Hydrogen Sulphide	45	Mg/NM ³	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

III Remarks:-

- | | |
|----------------|--|
| Location – I | : Rig Carrier Eng. 1 KTA 1150 25242268 |
| Location – II | : Rig Carrier Eng. 2 KTA 90-C 25355614 |
| Location – III | : Mud Pump Eng. 1 KTA 50-P 25356704 |
| Location – IV | : Mud Pump Eng. 2 KTA 50-P 25340640 |
| Location – V | : D.G. Set No. 1 KTA -19 G9 25362423 |
| Location – VI | : D.G. Set No. 2 TBD 3V12 13061270074 |
| Location -VII | : Air Compressor Eng. 6BTA 5.9C 62762545 |

Note: All parameters are well within the GPCB prescribed limits.

For AKSHAR ENVIRO CONTROL

