

# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rrgd. Office : Chowringhee Road , Kolkata -700071, Tele -Fax :(033)2288-9051

Regional Office : Plot No. :Y-23 , Block-EP, Sector -V, Salt Lake City, Kolkata-700091, Ph.2357-1492/4670/71/81/, Fax :(033)2657-4806

Email : supindkolkata@vsnl.net, Website : www.superintendence.com

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF - FEBRUARY-2015  
LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MCL AREA : IB VALLEY ANALYSIS LABORATORY AREA LABORATORY IB VALLEY

Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV			
						No.	Date				M%	Ash%	GCV	Grade
1	LOCM - I	G-13	02-02-2015	58	5	162000091	02-02-2015	3597.25	SEBD	02-02-2015	7.00	39.30	3646.10	G-13
2	LOCM - II	G-13	03-02-2015	58	8	162000054	03-02-2015	3529.62	SEBD	03-02-2015	6.70	40.00	3592.50	G-13
3	LOCM - I	G-13	04-02-2015	58	14	162000093	04-02-2015	3732.22	SEBD	04-02-2015	7.10	39.90	3632.40	G-13
4	LOCM - II	G-13	05-02-2015	58	17	162000056	05-02-2015	3677.02	SEBD	05-02-2015	7.00	39.70	3598.90	G-13
5	LOCM - I	G-13	06-02-2015	58	23	162000094	06-02-2015	3730.42	SEBD	06-02-2015	6.80	39.60	3584.70	G-13
6	LOCM - II	G-13	07-02-2015	58	24	162000057	07-02-2015	3652.62	SEBD	07-02-2015	7.10	39.80	3613.60	G-13
7	LOCM - I	G-13	08-02-2015	59	30	142000008	08-02-2015	3715.61	SEBD	08-02-2015	6.70	40.60	3589.70	G-13
8	LOCM - I	G-13	09-02-2015	58	35	162000099	09-02-2015	3742.62	SEBD	09-02-2015	6.90	39.50	3629.40	G-13
9	LOCM - I	G-13	13-02-2015	59	46	162000104	13-02-2015	3748.17	SEBD	14-02-2015	7.10	39.20	3645.80	G-13
10	LOCM - I	G-13	15-02-2015	58	50	162000106	15-02-2015	3736.37	SEBD	15-02-2015	7.00	39.70	3629.70	G-13
11	LOCM - II	G-13	17-02-2015	58	55	242000080	17-02-2015	3632.73	SEBD	17-02-2015	7.00	40.20	3585.30	G-13
12	LOCM - I	G-13	22-02-2015	59	75	162000120	22-02-2015	3640.82	SEBD	22-02-2015	6.50	41.70	3487.00	G-13
13	LOCM - II	G-13	23-02-2015	57	76	162000073	23-02-2015	3589.00	SEBD	23-02-2015	7.10	39.50	3650.40	G-13
14	LOCM - II	G-13	23-02-2015	58	77	262001704	23-02-2015	3754.72	SEBD	23-02-2015	6.80	40.70	3589.20	G-13
15	LOCM - I	G-13	24-02-2015	57	81	162000124	24-02-2015	3659.63	SEBD	24-02-2015	6.90	39.80	3619.20	G-13
16	LOCM - I	G-13	25-02-2015	59	86	162000128	25-02-2015	3780.08	SEBD	25-02-2015	6.60	41.00	3522.60	G-13
17	LOCM - II	G-13	26-02-2015	56	85	112000821	26-02-2015	3493.68	SEBD	26-02-2015	6.70	40.80	3551.90	G-13
18	LOCM - II	G-13	27-02-2015	59	88	462000045	27-02-2015	3732.48	SEBD	27-02-2015	6.90	39.80	3606.60	G-13
19	LOCM - I	G-13	27-02-2015	56	92	262006664	27-02-2015	3577.34	SEBD	27-02-2015	6.70	40.60	3554.70	G-13
20	LOCM - I	G-13	28-02-2015	55	95	162000130	28-02-2015	3501.65	SEBD	28-02-2015	6.90	39.40	3639.90	G-13
TOTAL								73224.05						
WEIGHTED AVERAGE											6.88	40.04	3598.51	G-13

Date-05.03.2015

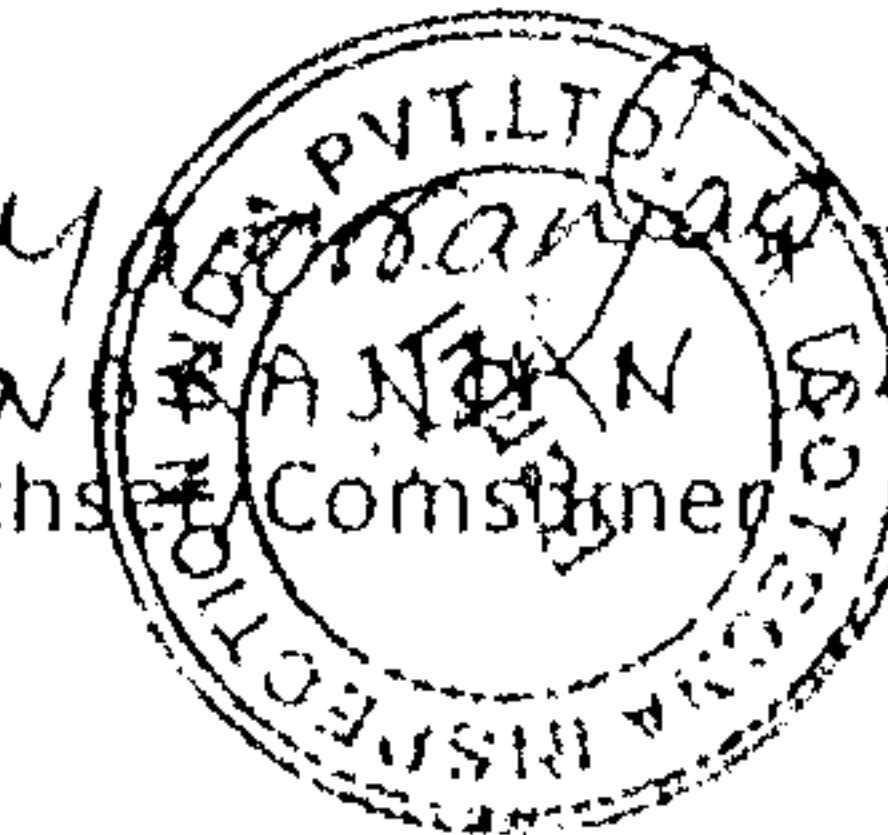
1. Samples received for analysis were sealed and jointly signed at loading ends.
2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I). 1984&IS :1350 (Part-II). 1970 for determination of GCV.
3. Wagons statement are enclosed .
4. For Road ,Ropeway ,Belt ,Pipe line etc statement to be furnished separately.

1. Concerned Area SM(QC)
2. Office of the GM(QC)Coal Co.
3. Office of Purchaser/Consumer.

Sign of Rep.  
NAME: B. KAUSHIK  
Superintendence co



Sign of Rep. M. BANERJEE  
Name : MANOJ BANERJEE  
Name of Purchaser/Consumer





# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O.& Rrgd.Office : Chowringhee Road , Kolkata -700071, Tele -Fax :(033)2288-9051

Regional Office : Plot No. :Y-23 , Block-EP, Sector -V, Salt Lake City, Kolkata-700091, Ph.2357-1492/4670/71/81/,Fax :(033)2657-4806

Email : supindkolkata@vsnl.net, Website : wwwsuperintendence.com

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF - FEBUARY-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MCL AREA : IB VALLEY ANALYSIS LABORATORY : AREA LABORATORY IB VALLEY

Sl No.	Name of siding/colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV			
						No.	Date					M%	Ash%	GCV	Grade
1	LOCM - I	G-13	01-02-2015	59	1	262006647	01-02-2015	3675.18	NTPC/SIM	01-02-2015	12.0	7.10	39.40	3650.50	G-13
2	LOCM - I	G-13	01-02-2015	53	2	262006648	01-02-2015	3355.87	NTPC/SIM	01-02-2015	11.6	6.80	40.50	3529.60	G-13
3	LOCM - II	G-13	02-02-2015	58	7	242000082	03-02-2015	3535.98	NTPC/SIM	02-02-2015	11.2	6.20	42.70	3430.80	G-13
4	LOCM - II	G-13	03-02-2015	58	11	262001686	03-02-2015	3490.62	NTPC/SIM	03-02-2015	11.5	6.50	41.70	3488.90	G-13
5	LOCM - I	G-13	03-02-2015	56	12	262006651	03-02-2015	3544.77	NTPC/SIM	03-02-2015	12.2	7.00	39.50	3610.40	G-13
6	LOCM - I	G-13	05-02-2015	55	21	262006655	05-02-2015	3512.55	NTPC/SIM	05-02-2015	10.9	6.50	41.60	3493.90	G-13
7	LOCM - II	G-13	05-02-2015	57	18	262001688	05-02-2015	3488.93	NTPC/SIM	05-02-2015	11.0	6.10	42.40	3480.30	G-13
8	LOCM - II	G-13	05-02-2015	58	19	262001689	05-02-2015	3551.65	NTPC/SIM	05-02-2015	11.8	6.80	39.90	3600.80	G-13
9	LOCM - I	G-13	06-02-2015	58	25	262006656	07-02-2015	3738.22	NTPC/SIM	06-02-2015	11.5	6.50	41.60	3521.90	G-13
10	LOCM - I	G-13	07-02-2015	57	29	262006657	07-02-2015	3594.48	NTPC/SIM	07-02-2015	11.9	7.00	39.60	3645.20	G-13
11	LOCM - II	G-13	10-02-2015	56	36	262001697	10-02-2015	3516.84	NTPC/SIM	10-02-2015	11.9	6.90	40.00	3599.80	G-13
12	LOCM - I	G-13	10-02-2015	58	38	162000101	11-02-2015	3751.42	NTPC/SIM	10-02-2015	11.6	6.80	40.50	3553.90	G-13
13	LOCM - II	G-13	14-02-2015	53	47	462000084	14-02-2015	3385.77	NTPC/SIM	14-02-2015	11.6	7.00	39.50	3634.90	G-13
14	LOCM - I	G-13	14-02-2015	52	49	142000011	15-02-2015	3319.78	NTPC/SIM	14-02-2015	11.9	7.10	39.40	3638.90	G-13
15	LOCM - I	G-13	16-02-2015	59	55	162000108	16-02-2015	3684.01	NTPC/SIM	16-02-2015	11.6	7.10	39.50	3621.10	G-13

1. Samples received for analysis were sealed and jointly signed at loading ends.

Date-05.03.2015

2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I). 1984&IS :1350 (Part-II). 1970 for determination of GCV.

3.Wagons statement are enclosed .

4.For Road ,Ropeway ,Belt ,Pipe line etc statement to be furnished separately.

Cont. - page-02

1. Concerned Area SM(QC)

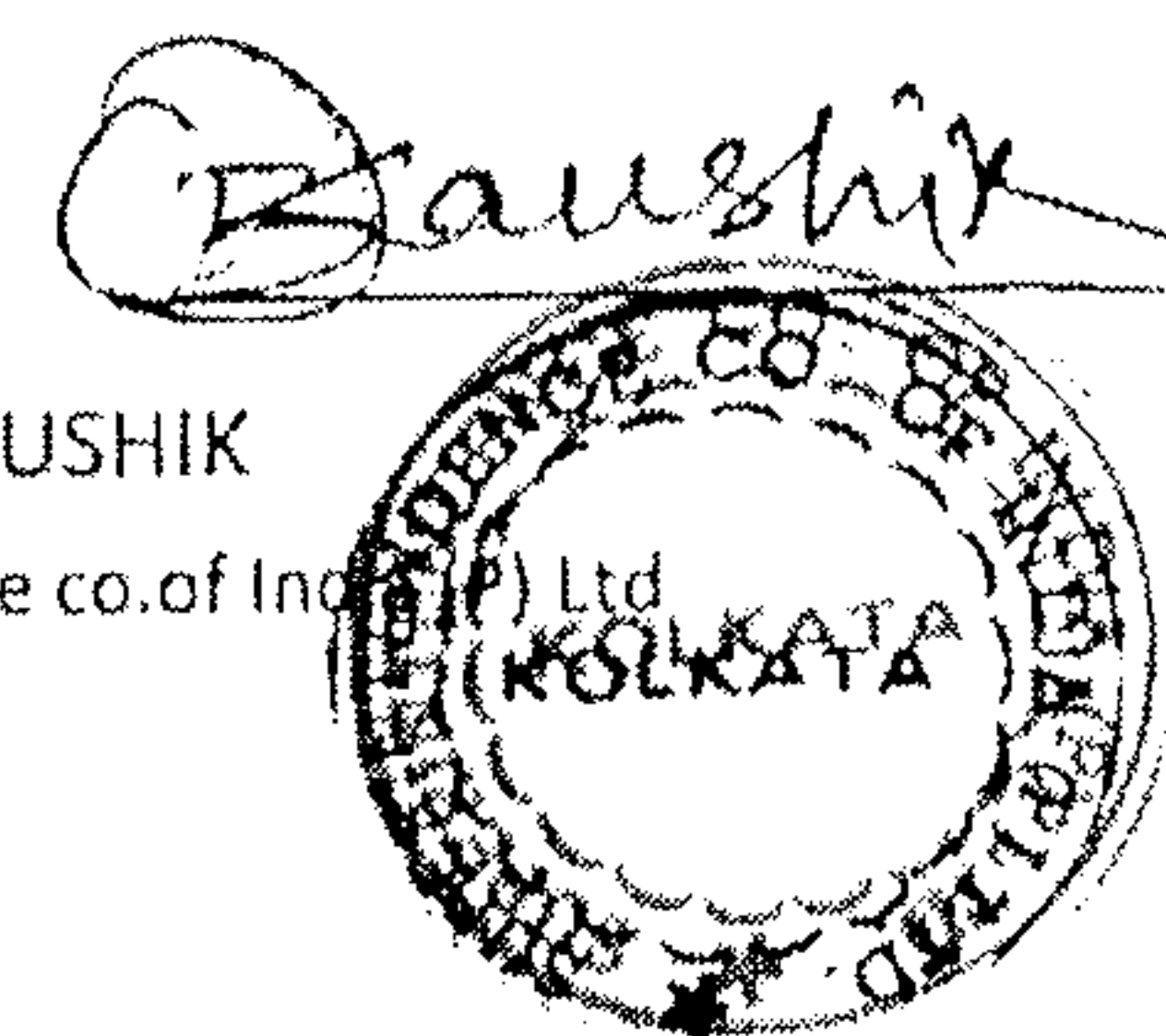
2. Office of the GM(QC)Coal Co.

3. Office of Purchaser/Consumer.

Sign of Rep.

NAME: B. KAUSHIK

Superintendence co.of India





# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rrgd. Office : Chowringhee Road , Kolkata -700071, Tele -Fax :(033)2288-9051  
 Regional Office : Plot No. :Y-23 , Block-EP, Sector -V, Salt Lake City, Kolkata-700091, Ph.2357-1492/4670/71/81/, Fax :(033)2657-4806  
 Email : suplndkolkata@vsnl.net, Website : www.superintendence.com

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF - FEBRUARY-2015


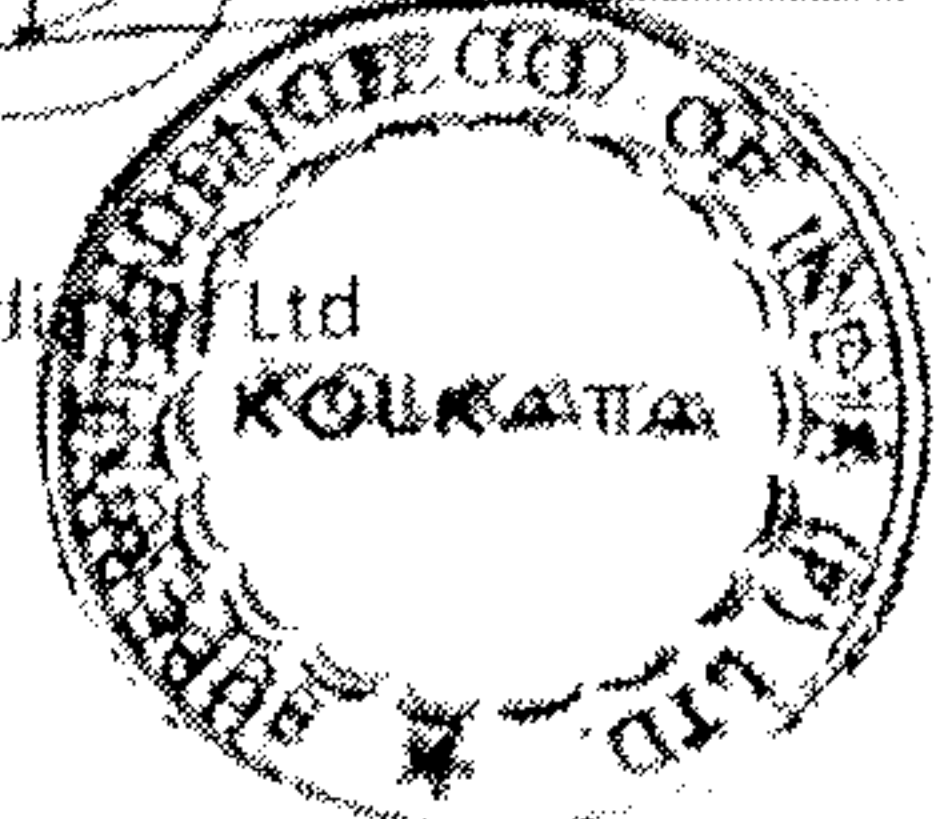
*Page - 02*

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :		MCL		AREA :		IB VALLEY		ANALYSIS LABORATORY		AREA LABORATORY IB VALLEY		Analysis result on equilibrated condition of 60%RH 40° C temp./GCV			
Sl No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	M%	Ash%	GCV	Grade
						No.	Date								
16	LOCM - II	G-13	17-02-2015	58	56	262001699	17-02-2015	3701.87	NTPC/SIM	17-02-2015	11.8	6.90	39.70	3594.80	G-13
17	LOCM - II	G-13	18-02-2015	58	60	262001700	18-02-2015	3576.92	NTPC/SIM	18-02-2015	12.0	7.10	39.70	3639.90	G-13
18	LOCM - II	G-13	18-02-2015	56	61	262001701	18-02-2015	3393.66	NTPC/SIM	18-02-2015	11.5	6.90	39.90	3613.20	G-13
19	LOCM - II	G-13	19-02-2015	57	64	162000114	19-02-2015	3471.83	NTPC/SIM	19-02-2015	11.5	6.70	40.00	3599.10	G-13
20	LOCM - II	G-13	22-02-2015	59	74	262001703	22-02-2015	3743.35	NTPC/SIM	22-02-2015	12.2	6.80	41.20	3585.10	G-13
21	LOCM - I	G-13	22-02-2015	58	77	162000121	22-02-2015	3542.62	NTPC/SIM	22-02-2015	11.8	6.60	40.00	3569.30	G-13
22	LOCM - I	G-13	23-02-2015	58	80	162000123	23-02-2015	3714.53	NTPC/SIM	23-02-2015	11.9	7.00	39.70	3608.50	G-13
23	LOCM - I	G-13	24-02-2015	57	84	162000126	24-02-2015	3535.90	NTPC/SIM	24-02-2015	11.7	7.00	39.60	3625.50	G-13
24	LOCM - II	G-13	25-02-2015	58	84	262001707	25-02-2015	3530.18	NTPC/SIM	25-02-2015	10.7	7.10	39.50	3640.20	G-13
25	LOCM - II	G-13	26-02-2015	53	87	262001708	26-02-2015	3284.71	NTPC/SIM	26-02-2015	11.1	6.60	40.90	3528.10	G-13
26	LOCM - II	G-13	27-02-2015	57	89	262001709	27-02-2015	3605.76	NTPC/SIM	27-02-2015	11.2	6.80	40.80	3555.50	G-13
27	LOCM - I	G-13	27-02-2015	59	94	262006665	27-02-2015	3781.08	NTPC/SIM	27-02-2015	10.3	6.30	42.50	3479.30	G-13
28	LOCM - I	G-13	28-02-2015	57	97	262006666	28-02-2015	3673.13	NTPC/SIM	28-02-2015	10.7	6.10	42.90	3424.20	G-13
<b>TOTAL</b>								<b>99701.61</b>							
<b>WEIGHTED AVERAGE</b>											<b>11.52</b>	<b>6.76</b>	<b>40.51</b>	<b>3569.91</b>	<b>G-13</b>
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>4.76</b>						

- Date-05.03.2015
1. Samples received for analysis were sealed and jointly signed at loading ends.
  2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I), 1984&IS :1350 (Part-II), 1970 for determination of GCV.
  3. Wagons statement are enclosed.
  4. For Road ,Ropeway ,Belt ,Pipe line etc statement to be furnished separately.

1. Concerned Area SM(QC)
2. Office of the GM(QC)Coal Co.
3. Office of Purchaser/Consumer.

Sign of Rep.   
 NAME: B. KAUSHIK  
 Superintendence co. of India Ltd  




# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rgd. Office : Chowringhee Road, Kolkata - 700071, Tele - Fax : (033) 2283-9051  
 Regional Office : Plot No. 19-23, Block-EP, Sector -V, Salt Lake City, Kolkata-700091, Ph. 2357-1492/4670/71/21/, Fax : (033) 2657-4806  
 Email : [supindkolkata@vsnl.net](mailto:supindkolkata@vsnl.net), Website : [www.superintendence.com](http://www.superintendence.com)

## RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF FEB- 2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA : LAKHANPU

ANALYSIS LABORATORY :

AREA LAB., LAKHANPUR

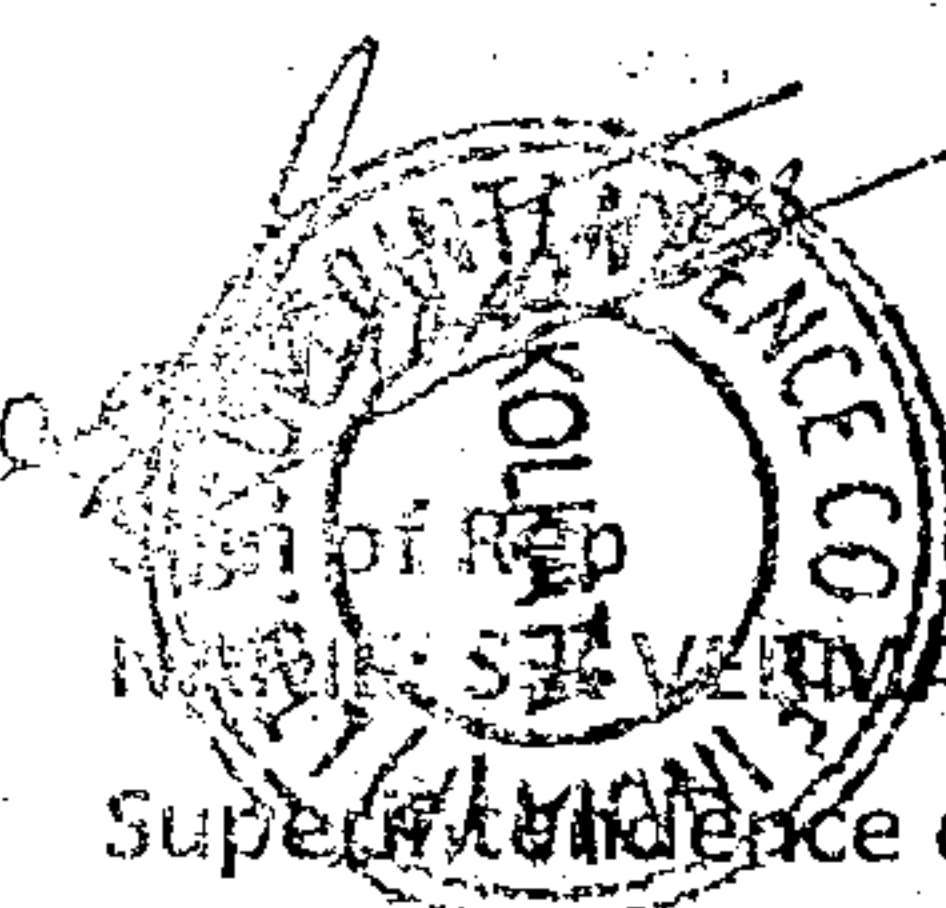
Sl. No.	Name of falling / Railway loading point	Grade declared GCV/Gross	Date of loading	No. of Wagon	Wagon No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV				
						No.	Date				M%	Ash%	GCV	Grade	
1	BOCM-I	G-13	08.02.15	58	2\19	262010717	09.02.15	3490.82	SEBD	08.02.15	6.3	41.9	3603.3	G - 13	
2	BOCM-I	G-13	10.02.15	59	1\85	162000174	11.02.15	3559.41	SEBD	10.02.15	6.2	41.8	3478.1	G - 13	
3	BOCM-II	G-13	11.02.15	55	3\25	162000049	12.02.15	3402.56	SEBD	11.02.15	6.1	41.6	3590.1	G - 13	
4	BOCM-I	G-13	12.02.15	56	1\29	162000179	13.02.15	3331.41	SEBD	12.02.15	6.4	41.7	3495.3	G - 13	
5	BOCM-VII	G-13	14.02.15	60	7\38	262000454	15.02.15	3731.91	SEBD	14.02.15	6.1	40.5	3567.4	G - 13	
6	BOCM-I	G-13	16.02.15	59	1\41	262010718	17.02.15	3600.62	SEBD	16.02.15	6.3	40.8	3544.4	G - 13	
7	BOCM-I	G-13	17.02.15	57	1\42	162000185	17.02.15	3535.98	SEBD	17.02.15	6.1	41.4	3506.1	G - 13	
8	BOCM-I	G-13	18.02.15	58	1\45	162000186	19.02.15	3547.05	SEBD	18.02.15	6.4	41.7	3649.0	G - 13	
9	BOCM-II	G-13	19.02.15	57	2\79	162000192	20.02.15	3436.13	SEBD	19.02.15	5.9	41.8	3573.2	G - 13	
10	BOCM-I	G-13	20.02.15	59	1\52	162000193	21.02.15	3666.65	SEBD	20.02.15	6.2	41.3	3675.1	G - 13	
11	BOCM-I	G-13	21.02.15	59	1\54	162000195	22.02.15	3544.85	SEBD	21.02.15	6.4	41.2	3642.1	G - 13	
12	BOCM-II	G-13	22.02.15	58	2\55	162000197	23.02.15	3578.33	SEBD	22.02.15	6.3	40.5	3643.3	G - 13	
13	BOCM-II	G-13	24.02.15	57	2\62	262010723	25.02.15	3523.80	SEBD	24.02.15	6.7	40.6	3591.8	G - 13	
14	BOCM-II	G-13	25.02.15	59	2\65	262010725	26.02.15	3749.88	SEBD	25.02.15	6.1	41.8	3550.7	G - 13	
TOTAL								49699.4							
WEIGHTED AVERAGE											6.2	41.3	3579.7		
DATA CONTACT WITH SUPERINTENDENCE COMPANY											6.2				

1. Samples received for analysis were sealed and jointly signed at loading ends.
2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part-I), 1984 & IS 1350 (Part-II), 1970 for determination of GCV.
3. Moisture statement are enclosed.
4. For Road, Railway, Duct, Pipe line etc statement to be furnished separately.

1. For name of area S-4 (SC)
2. Office of the C.M.F.C Coal Co.
3. Office of the consumer/Consumer.

Sign of Rep *[Signature]*  
 NAME: *[Name]*  
 NAME OF COAL CO. *[Name]*  
 St. Tech. Insp. / Lab. Tech  
 Lakhanpur Laboratory (COAL)  
 Lakhanpur Area

Sign of Rep *[Signature]*  
 NAME: *[Name]*  
 NAME OF CONSUMER



Superintendence co. of India (P) Ltd

# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rrgd. Office : Chowringhee Road , Kolkata -700071, Tele -Fax :(033)2288-9051  
 Regional Office : Plot No. :Y-23 , Block-EP, Sector -V, Salt Lake City, Kolkata-700091, Ph.2357-1492/4670/71/81/, Fax :(033)2657-4806  
 Email : supindkolkata@vsnl.net, Website : www.superintendence.com

## RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF FEBRAURY- 2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : **MCL** AREA : **LAKHANPUR**  
 ANALYSIS LABORATORY : **AREA LAB. , LAKHANPUR**

Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40* C temp./GCV			
						No.	Date					M%	Ash%	GCV	Grade
1	BOCM-VI	G-13	1.2.15	57	6\3	162000091	3.2.15	3540.33	STDV	1.2.15	12.4	6.1	41.9	3484.6	G-13
2	BOCM-III	G-13	3.2.15	57	3\6	162000042	5.2.15	3465.42	STDV	3.2.15	12.3	6.1	42.2	3552.7	G-13
3	BOCM-I	G-13	7.2.15	57	1\18	162000168	9.2.15	3284.00	STDV	7.2.15	11.8	6.3	41.9	3495.2	G-13
4	BOCM-II	G-13	7.2.15	59	2\18	162000169	9.2.15	3494.95	STDV	7.2.15	12.0	6.2	42.4	3543.1	G-13
5	BOCM-VII	G-13	10.2.15	58	7\29	162000115	12.2.15	3424.72	STDV	10.2.15	12.1	6.2	42.1	3524.0	G-13
6	BOCM-III	G-13	14.2.15	55	3\32	162000050	16.2.15	3380.36	STDV	14.2.15	12.0	6.4	41.6	3519.7	G-13
7	BOCM-VII	G-13	14.2.15	56	7\39	162000124	17.2.15	3376.14	STDV	14.2.15	11.8	6.0	40.9	3582.8	G-13
8	BOCM-VII	G-13	16.2.15	55	7\42	162000127	18.2.15	3526.78	STDV	16.2.15	11.8	6.1	41.6	3467.5	G-13
9	BOCM-VII	G-13	18.2.15	58	7\49	162000130	20.2.15	3515.39	STDV	18.2.15	12.0	6.2	41.9	3544.1	G-13
10	BOCM-II	G-13	20.2.15	58	2\52	162000194	22.2.15	3430.36	STDV	20.2.15	11.9	6.3	41.8	3581.2	G-13
11	BOCM-VI	G-13	23.2.15	58	6\63	162000145	25.2.15	3709.61	STDV	23.2.15	12.1	6.0	42.3	3650.3	G-13
12	BOCM-VI	G-13	23.2.15	58	6\64	162000150	25.2.15	3925.30	STDV	23.2.15	11.2	6.3	41.1	3607.2	G-13
13	BOCM-I	G-13	24.2.15	57	1\16	262010724	25.2.15	3489.73	STDV	24.2.15	11.6	6.3	42.3	3557.9	G-13
<b>TOTAL</b>								<b>45563.09</b>							
<b>WEIGHTED AVERAGE</b>											<b>11.9</b>	<b>6.2</b>	<b>41.8</b>	<b>3548.1</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>											<b>5.7</b>				

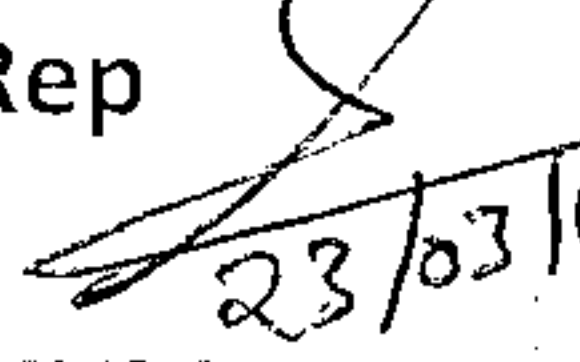
1. Samples received for analysis were sealed and jointly signed at loading ends.

Date 23/03/15 2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I). 1984&IS :1350 (Part-II). 1970 for determination of GCV.

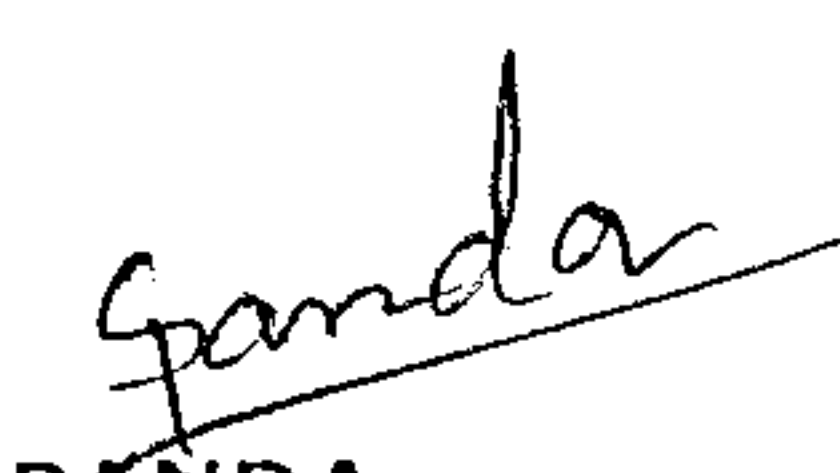
3. Wagons statement are enclosed .

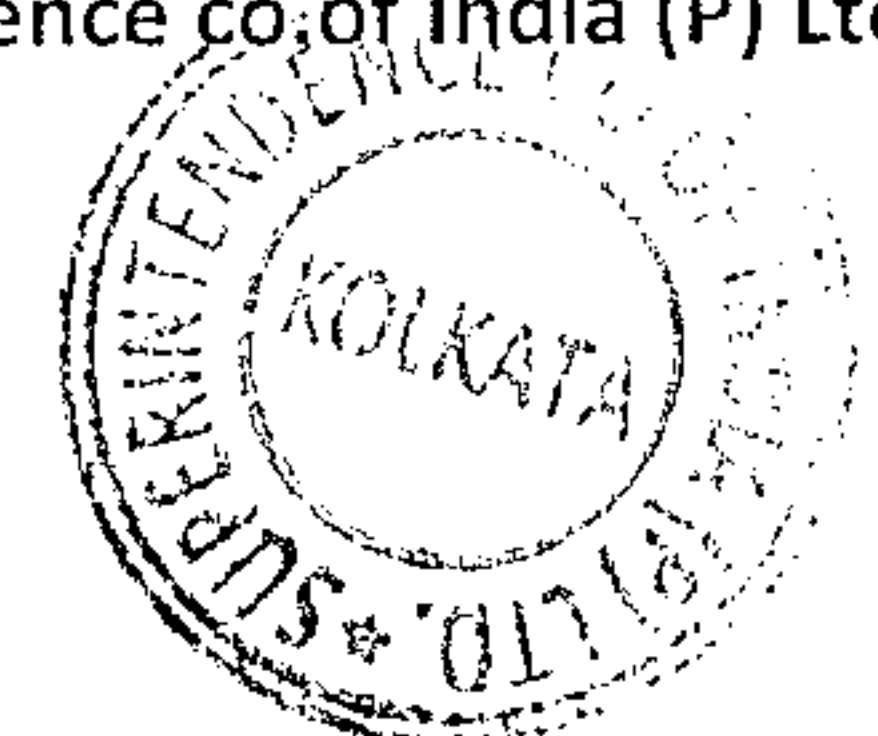
4. For Road ,Ropeway ,Belt ,Pipe line etc statement to be furnished separately.

- 1. Concerned Area SM(QC)
- 2. Office of the GM(QC)Coal Co.
- 3. Office of Purchaser/Consumer.

Sign of Rep   
 NAME: 23/03/15  
 NAME OF COAL CO.

Sign of Rep  
 NAME:  
 NAME OF CONSUMER

Sign of Rep   
 NAME: S.K.PANDA  
 Superintendence co. of India (P) Ltd





DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD OF February - 2015  
LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL KANIHA (KOCP)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	DESPATCH QUANTITY (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS
					IM%	ASH%	GCV (Kcal/Kg)	EQ. IM%	EQ. ASH%	EQ. GCV (Kcal/Kg)		
1	MGR-1 TO 9 (KOCP)	01.02.2015	19430.240	8.78	4.05	42.35	3830	3.26	42.57	3862	G12	
2	MGR-1 TO 12(KOCP)	02.02.2015	19438.370	12.03	3.76	37.94	3986	4.15	37.49	3970	G12	
3	MGR-1 TO 13(KOCP)	03.02.2015	21633.420	12.08	3.01	38.77	3987	3.73	38.48	3957	G12	
4	MGR-1 TO 12(KOCP)	04.02.2015	19697.400	10.11	3.00	39.05	4044	5.70	38.18	3931	G12	
5	MGR-1 TO 15(KOCP)	05.02.2015	19916.320	10.78	3.54	36.14	4284	4.88	35.21	4224	G11	
6	MGR-1 TO 14(KOCP)	06.02.2015	24942.100	10.82	2.37	42.24	3756	3.63	42.31	3708	G12	
7	MGR-1 TO 12 (KOCP)	07.02.2015	23108.020	11.16	3.79	37.16	4211	3.91	37.00	4206	G11	
8	MGR-1 TO 11 (KOCP)	08.02.2015	19912.860	10.60	3.50	38.32	4157	4.80	37.94	4101	G11	
9	MGR-1 TO 12 (KOCP)	09.02.2015	18164.960	13.06	3.85	37.52	3989	5.14	36.93	3935	G12	
10	MGR-1 TO 14 (KOCP)	10.02.2015	20035.400	12.06	3.63	40.49	4122	5.37	39.57	4048	G11	
11	MGR-1 TO 14 (KOCP)	11.02.2015	22910.960	8.24	3.16	40.93	4114	5.41	40.23	4018	G11	
12	MGR-1 TO 13 (KOCP)	12.02.2015	23618.840	11.23	3.76	38.27	3986	5.05	37.55	3933	G12	
13	MGR-1 TO 8 (KOCP)	13.02.2015	22205.340	10.80	3.23	42.97	3800	5.07	42.28	3728	G12	
14	MGR-1 TO 12 (KOCP)	14.02.2015	13662.530	10.15	3.51	43.16	3794	5.07	42.46	3733	G12	
15	MGR-1 TO 13 (KOCP)	15.02.2015	21047.550	10.20	3.51	36.75	4373	5.39	36.08	4288	G11	
16	MGR-1 TO 12 (KOCP)	16.02.2015	22542.370	11.27	3.62	41.8	3983	5.38	40.94	3910	G12	
17	MGR-1 TO 11(KOCP)	17.02.2015	20836.100	11.19	3.39	41.22	4071	5.41	40.27	3986	G12	
18	MGR-1 TO 13(KOCP)	18.02.2015	18988.500	10.98	3.17	39.89	4238	5.71	39.12	4127	G11	
19	MGR-1 TO 13(KOCP)	19.02.2015	22469.200	11.04	3.19	38.08	4348	5.75	37.22	4233	G11	
20	MGR-1 TO 12 (KOCP)	20.02.2015	22114.600	11.24	3.86	39.09	4237	5.6	38.29	4160	G11	
21	MGR-1 TO 14(KOCP)	21.02.2015	20309.400	8.71	3.57	39.72	3963	6.59	38.30	3839	G12	
22	MGR-1 TO 13(KOCP)	22.02.2015	23396.300	8.98	3.64	40.27	3967	6.4	39.01	3853	G12	
23	MGR-1 TO 13(KOCP)	23.02.2015	21490.700	9.31	3.12	39.79	4079	5.77	38.66	3967	G12	
24	MGR-1 TO 13(KOCP)	24.02.2015	21610.700	6.70	3.37	42.22	3782	5.16	41.46	3712	G12	
25	MGR-1 TO 14(KOCP)	25.02.2015	21576.000	9.20	3.02	41.43	3905	5.26	40.67	3815	G12	
26	MGR-1 TO 16(KOCP)	26.02.2015	23488.200	9.27	3.41	43.09	3782	4.27	43.28	3748	G12	
27	MGR-1 TO 14(KOCP)	27.02.2015	26773.600	8.74	3.48	42.59	3829	4.3	42.23	3796	G12	
28	MGR-1 TO 14(KOCP)	28.02.2015	23357.700	8.69	4.68	42.78	3743	5.02	42.63	3730	G12	

Signature of third Party  
Name of the third party.

M-D

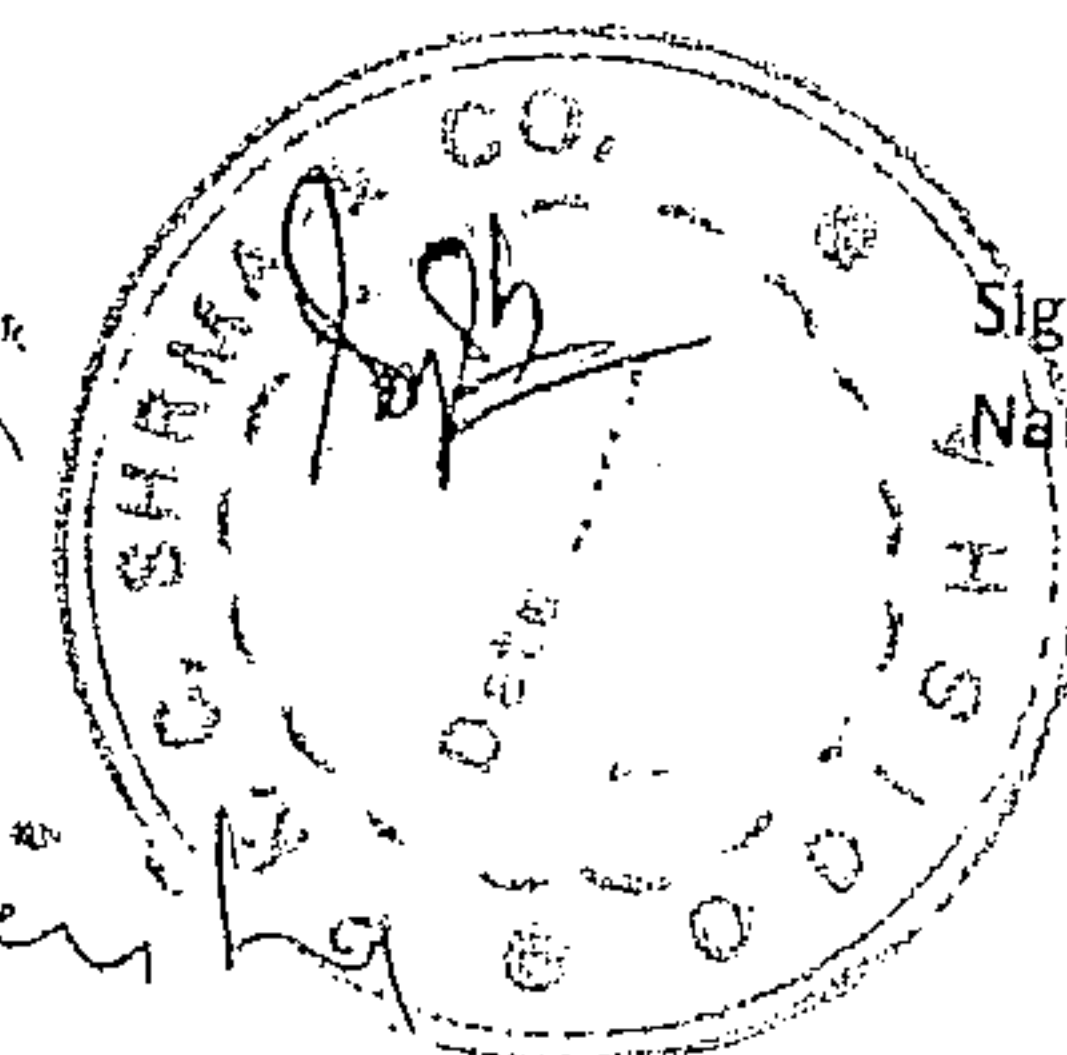


INSPECTORATE

INSPECTORATE  
Vasundhara, 3rd Floor  
2/7, Sarat Bose Road  
Kolkata - 700 020, India  
Tel. - +91 33 3051 6600  
www.inspecturate.co.in

Signature of the NTPC station  
Name.

A. K. Nalder  
By Mgrs  
NTPC, Kaniha



Signature of the Coal Company  
Name (Optional).

Note: Sample collected by Departmentally for the period from 24/02/15 to 09/03/15 due to strike by the employees of M/s K. C. Sharma & Co.

DR



RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/s COTECNA INSPECTION INDIA PVT LTD & M/S K.C.SHARMA & CO.

Joint Analysis Report Of coal samples despatched to MGBK for the month of

Feb-15

(JAGANNATH AREA)

SL NO	Date of Sampling	Spur/ Sdg	RAKE NO	BOX No	R R No	R R QTY	ANALYSIS RESULTS ON 60%RH&40C BASIS				
							TM%	M%	ASH%	GCV	Gr
1	1-Feb-15	5	MGBK-02	59/56	261007891	3679.21	10.65	6.87	38.06	3969	G12
2	2-Feb-15	5	MGBK-03	59/58	261007889	3825.62	11.39	6.59	38.58	3775	G12
3	2-Feb-15	4	MGBK-04	58/57	261008849	3563.53	10.54	6.53	39.46	3855	G12
4	2-Feb-15	2	MGBK-05	57/56	261008848	3723.69	10.95	6.32	38.71	3959	G12
5	3-Feb-15	4	MGBK-06	59/57	261008854	3476.63	11.29	6.52	39.06	3953	G12
6	4-Feb-15	2	MGBK-09	59/59	261008868	3819.21	10.92	6.51	38.83	3879	G12
7	5-Feb-15	5	MGBK-10	57/55	261007914	3538.69	10.42	6.12	38.87	3999	G12
8	5-Feb-15	2	MGBK-11	59/58	261008872	3806.72	11.64	6.55	38.39	3973	G12
9	6-Feb-15	1	MGBK-13	59/59	261008876	3903.85	10.36	6.33	38.77	3989	G12
10	6-Feb-15	3	MGBK-15	59/58	241000559	3597.69	11.33	6.33	38.80	3980	G12
11	7-Feb-15	6	MGBK-16	59/59	241000479	3835.65	10.65	6.32	38.71	3959	G12
12	7-Feb-15	5	MGBK-17	58/57	261007928	3573.43	10.69	6.33	39.88	3821	G12
13	8-Feb-15	1	MGBK-19	59/59	261008894	3798.75	11.35	6.25	38.54	3925	G12
14	8-Feb-15	3	MGBK-20	59/58	261008902	3481.76	11.75	6.46	39.92	3836	G12
15	9-Feb-15	6	MGBK-21	59/59	261007943	3914.52	12.65	6.22	38.54	3955	G12
16	10-Feb-15	4	MGBK-22	59/56	261008912	3502.64	12.12	6.52	39.83	3798	G12
17	10-Feb-15	1	MGBK-23	59/58	261008919	3833.82	12.43	6.20	39.10	3973	G12
18	11-Feb-15	5	MGBK-24	59/58	261007959	3802.22	12.32	6.39	38.84	3914	G12
19	11-Feb-15	1	MGBK-25	59/57	241000562	3765.73	12.24	6.38	38.54	3958	G12
20	13-Feb-15	6	MGBK-28	58/56	261007969	3753.12	12.19	6.42	40.37	3787	G12
21	14-Feb-15	6	MGBK-29	58/58	261007976	3749.11	11.62	6.59	39.34	3757	G12
22	14-Feb-15	3	MGBK-30	58/58	261008941	3600.02	11.79	6.39	38.76	3939	G12
23	14-Feb-15	6	MGBK-31	59/59	261007984	3852.82	12.24	6.41	40.08	3791	G12
24	15-Feb-15	2	MGBK-32	58/58	241000570	3711.72	11.29	6.22	38.54	3957	G12
25	16-Feb-15	1	MGBK-33	59/59	241000572	3821.38	11.68	6.28	39.09	3912	G12
26	17-Feb-15	6	MGBK-35	59/58	261007999	3801.32	11.59	6.34	39.68	3854	G12
27	18-Feb-15	6	MGBK-36	59/58	261008006	3859.96	11.85	6.11	39.85	3939	G12
28	15-Feb-15	6	N-MGBK-01	59/59	261007986	4164.29	12.65	6.79	39.95	3753	G12
29	17-Feb-15	5	N-MGBK-02	59/59	261007998	4441.73	11.96	6.72	38.87	3960	G12
30	20-Feb-15	6	N-MGBK-03	58/58	261008012	4274.70	11.62	6.26	39.87	3920	G12
31	21-Feb-15	2	N-MGBK-04	58/58	261008978	4026.00	11.32	6.45	39.28	3989	G12
32	22-Feb-15	5	N-MGBK-05	58/58	261008024	4179.20	10.58	6.33	40.08	3971	G12
33	23-Feb-15	6	N-MGBK-06	58/58	261008035	4259.20	12.10	6.51	38.82	3892	G12

SIGNATURE OF M/S K.C.SHARMA & CO

SIGNATURE OF M/S COTECNA INSP IND PVT LTD

*[Signature]*  
 CHEMIST  
 Jagannath Coal Analysis Laboratory  
 (J.A.) M. C. L.

*[Signature]*  
 Despatch  
 Jagannath



**JOINT ANALYSIS REPORT OF M/S SESA STERLITE LIMITED AT JAGANNATH LAB.**

Feb-2015

RAKE CODE	DATE OF LOADING	NO OF WAGONS	SIDINGS	SAMPLE COLLECTION DATE	R.R NO	R.R DATE	R.R QTY. (MT)	DESTINATION	TM%	MOIST%	ASH%	GCV IN K-Cal/kg	GRADE
1	01.02.15	59	6	01.02.15	261007886	01.02.15	3712.310	SEBD	10.32	6.35	38.37	3980	G-12
2	02.02.15	59	6	02.02.15	261007892	02.02.15	3721.010	SEBD	10.95	6.42	40.16	3794	G-12
3	03.02.15	58	5	03.02.15	261007899	03.02.15	3732.220	SEBD	11.23	6.26	38.90	3924	G-12
4	03.02.15	58	3	03.02.15	261008858	04.02.15	3505.250	SEBD	11.73	6.29	39.85	3987	G-12
5	04.02.15	59	6	04.02.15	261007906	04.02.15	3796.510	SEBD	10.63	6.41	39.22	3898	G-12
8	05.02.15	57	6	05.02.15	261007915	05.02.15	3554.680	SEBD	11.39	6.32	38.90	3959	G-12
9	06.02.15	57	1	06.02.15	261008879	06.02.15	3686.360	SEBD	10.69	6.55	39.13	3871	G-12
10	07.02.15	59	3	07.02.15	261008892	08.02.15	3533.680	SEBD	12.48	6.34	39.44	3885	G-12
11	08.02.15	58	5	08.02.15	261007937	08.02.15	3677.730	SEBD	12.07	6.42	39.03	3904	G-12
13	09.02.15	58	3	09.02.15	261007908	10.02.15	3565.620	SEBD	11.92	6.53	40.05	3780	G-12
14	10.02.15	59	5	10.02.15	261007954	11.02.15	3934.710	SEBD	11.94	6.39	39.64	3820	G-12
16	11.02.15	53	2	11.02.15	261008922	11.02.15	3442.970	SEBD	10.96	6.44	39.75	3781	G-12
19	13.02.15	53	4	13.02.15	261008935	14.02.15	3205.370	SEBD	11.65	6.45	38.40	3983	G-12
21	15.02.15	59	5	15.02.15	261007988	15.02.15	3859.110	SEBD	11.39	6.28	38.96	3889	G-12
23	16.02.15	57	5	16.02.15	261007992	17.02.15	3531.330	SEBD	12.67	6.58	39.76	3767	G-12
N-01	17.02.15	58	5	17.02.15	261008001	18.02.15	3861.400	SEBD	12.51	6.15	40.16	3830	G-12
24	17.02.15	57	3	17.02.15	261008956	18.02.15	3484.330	SEBD	11.48	6.29	39.19	3940	G-12
N-02	18.02.15	52	6	18.02.15	261008003	18.02.15	3482.700	SEBD	12.44	6.48	39.02	3879	G-12
26	19.02.15	57	6	19.02.15	261008008	19.02.15	3698.630	SEBD	11.62	6.84	38.00	3859	G-12
27	19.02.15	58	1	19.02.15	261008963	19.02.15	3813.060	SEBD	11.57	6.53	38.21	3955	G-12
29	24.02.15	59	5	24.02.15	261008042	24.02.15	3802.330	SEBD	11.29	6.29	39.06	3885	G-12
30	25.02.15	58	1	25.02.15	261009016	25.02.15	3745.590	SEBD	11.56	6.39	40.04	3776	G-12
31	27.02.15	57	4	27.02.15	261009031	28.02.15	3630.660	SEBD	10.97	6.44	39.02	3914	G-12



24	32	27.02.15	55	6	27.02.15	261008056	28.02.15	3599.350	SEBD	11.53	6.41	40.05	3791	G-17
25	33	28.02.15	59	6	28.02.15	261008063	28.02.15	3778.430	SEBD	11.84	6.79	38.42	3892	G-12
26	34	28.02.15	58	5	28.02.15	261008066	01.03.15	3694.420	SEBD	10.79	6.77	39.65	3846	G-12

FOR COTECNA INSPECTION INDIA PVT LTD

FOR K.C SHARMA

*Jindal*  
**SCIENTIST**

Senior Civil Engineer (I) Bombay

*Jegannath*  
 Despatch In Charge  
 Jegannath Colony



**RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/s COTECNA INSPECTION INDIA PVT LTD & M/S K.C.SHARMA & CO.  
DURING THE PERIOD OF FEBRUARY 2015**

SL.NO	DATE	SDG	SAMPLE NO	No of Box	R. R. No.	R. R. QNTY.	ANALYSED BY M/S K.C.SHARMA & CO				ANALYSED BY M/S COTECNA INSP IND PVT LTD				
							TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS			TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS			
								M%	A%	GCV IN K Cal/Kg		Gr	M%	A%	GCV IN K Cal/Kg
1	2-Feb-15	5	SMI-04	59/58	261007895	3684.75	10.54	6.32	40.55	3742					
2	5-Feb-15	6	SMI-10	59/58	261007916	3712.73	12.99	6.51	39.63	3863					
3	6-Feb-15	5	SMI-13	58/50	261007922	3146.10	11.91	6.55	39.87	3809					
4	8-Feb-15	2	SMI-15	58/55	261000561	3500.45	12.45	6.55	39.45	3805	12.46	6.26	38.14	3860	G12
5	8-Feb-15	6	SMI-16	59/57	261007935	3453.79	10.69	5.89	41.59	3746	10.69	5.22	41.21	3758	G12
6	9-Feb-15	2	SMI-18	59/57	261008923	3602.73	12.10	6.51	40.22	3758	12.10	6.19	39.98	3756	G12
7	9-Feb-15	1	SMI-21	59/58	261008910	3780.45	11.68	6.34	39.83	3818	11.68	6.37	39.85	3793	G12
8	12-Feb-15	5	SMI-25	53/52	241000482	3320.44	12.73	6.51	39.06	3877	12.73	6.54	39.38	3831	G12
9	13-Feb-15	5	SMI-26	58/58	241000483	3623.27	11.56	6.38	40.03	3782	11.56	6.41	40.45	3732	G12
10	15-Feb-15	6	SMI-31	58/58	261007989	3639.22	12.33	6.50	39.18	3876	12.27	6.55	39.03	3736	G12
11	16-Feb-15	5	SMI-32	58/56	241000491	3635.84	12.05	6.29	40.18	3799	11.89	6.30	40.45	3744	G12
12	19-Feb-15	1	SMI-36	57/57	261008970	3596.29	11.55	6.54	40.07	3728	11.72	6.09	40.17	3712	G12
13	20-Feb-15	4	SMI-37	59/55	261008969	3613.55	11.38	6.55	39.75	3777	11.50	6.41	40.45	3752	G12
14	21-Feb-15	3	SMI-42	59/59	261008976	3732.05	11.75	6.38	39.21	3847	11.59	5.43	41.11	3750	G12
15	22-Feb-15	5	SMI-44	58/58	261008027	3806.02	11.84	6.62	39.46	3780	12.04	5.67	40.25	3747	G12
16	23-Feb-15	5	SMI-45	59/58	261008034	3698.33	10.93	6.28	40.07	3837	10.98	6.43	40.50	3838	G12
17	24-Feb-15	4	SMI-48	59/59	261009008	3616.01	10.54	6.39	39.88	3779	10.65	6.09	39.87	3730	G12
18	25-Feb-15	3	SMI-49	59/56	261009009	3419.44	11.25	6.29	40.07	3827	11.17	6.17	40.31	3771	G12
19	25-Feb-15	4	SMI-50	59/57	261009017	3401.44	10.99	6.50	38.65	3751	11.12	5.24	39.43	3711	G12
20	26-Feb-15	4	SMI-53	58/57	261009026	3532.93	11.75	6.39	39.77	3825	11.59	6.32	40.31	3769	G12
21	27-Feb-15	1	SMI-55	59/54	261009029	3480.19	11.62	6.37	40.05	3794	11.74	6.14	40.25	3723	G12
22	27-Feb-15	1	SMI-57	58/57	261009033	3653.83	10.85	6.22	39.48	3870	10.99	6.35	39.95	3807	G12
23	28-Feb-15	4	SMI-59	59/58	261009039	3705.13	10.97	6.25	39.78	3832	10.90	5.95	40.43	3771	G12
24	28-Feb-15	5	SMI-60	59/59	261008062	3725.81	12.69	6.37	40.27	3761	12.47	6.24	40.58	3723	G12

SIGNATURE OF M/S K.C.SHARMA & CO

SIGNATURE OF M/S COTECNA INSP IND PVT LTD

*[Signature]*  
**CHEMIST**  
Jagannath Coal Analysis Laboratory  
CLAYTON

*[Signature]*  
Despatch Charge  
Jagannath Colliery

7/3/15



RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/s COTECNA INSPECTION INDIA PVT LTD & M/S K.C.SHARMA & CO.

DURING THE PERIOD OF FEB 2015

SL No	DATE	SDG	SAMPLE NO	No of Box	R. R. No.	R. R. QNTY.	ANALYSED BY M/S K.C.SHARMA & CO					ANALYSED BY M/S COTECNA INSP IND PVT LTD				
							TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS				TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS			
								M%	A%	GCV	Gr		M%	A%	GCV	Gr
1	3-Feb-15	3	KT-03	59/58	261008850	3546.52	10.89	6.48	40.08	3793	G12					
2	4-Feb-15	1	KT-05	59/59	261008870	3853.66	10.96	6.44	39.66	3797	G12	10.51	3.65	41.70	3860	G12
3	8-Feb-15	2	KT-07	59/59	261008878	3786.56	12.32	6.25	40.12	3846	G12	13.14	5.20	43.24	3706	G12
4	5-Feb-15	5	KT-08	59/59	261007918	3704.31	11.45	6.40	40.27	3789	G12					
5	6-Feb-15	5	KT-09	59/59	261007924	3658.41	11.75	6.58	40.02	3781	G12					
6	8-Feb-15	1	KT-10	59/59	261008884	3745.66	11.71	6.29	39.08	3916	G12	12.82	5.06	41.21	3934	G12
7	7-Feb-15	5	KT-11	59/58	261007925	3601.52	12.16	6.53	40.18	3780	G12					
8	7-Feb-15	4	KT-13	59/58	261008891	3596.87	12.25	6.39	40.17	3794	G12					
9	9-Feb-15	5	KT-15	59/58	261007941	3613.37	10.98	6.25	39.99	3798	G12					
10	9-Feb-15	2	KT-16	59/59	261008909	3767.67	12.99	6.51	39.63	3863	G12	11.89	4.76	40.40	3992	G12
11	9-Feb-15	5	KT-17	59/58	261007945	3706.42	11.75	6.49	39.94	3792	G12					
12	10-Feb-15	6	KT-18	59/58	261007948	3657.67	11.91	6.55	39.87	3809	G12					
13	11-Feb-15	3	KT-19	59/58	262008918	3637.83	12.55	6.35	40.01	3807	G12					
14	11-Feb-15	5	KT-21	59/59	261007958	3797.41	11.62	6.21	39.81	3799	G12					
15	12-Feb-15	2	KT-22	59/58	261008926	3638.57	12.69	6.52	39.06	3932	G12	10.89	4.91	42.65	3762	G12
16	11-Feb-15	5	KT-23	59/58	261007965	3647.03	11.38	6.55	40.02	3790	G12					
17	12-Feb-15	4	KT-24	59/58	261008932	3553.03	10.28	6.92	37.63	3991	G12					
18	14-Feb-15	2	KT-25	59/59	241000568	3737.21	11.96	6.41	39.90	3841	G12	11.24	5.03	41.57	3947	G12
19	14-Feb-15	1	KT-26	58/57	261008938	3571.43	11.38	6.82	39.50	3947	G12	10.58	4.79	39.76	3987	G12
20	14-Feb-15	6	KT-27	59/57	261007972	3588.94	10.99	6.29	39.24	3715	G12					
21	15-Feb-15	4	KT-28	59/59	261008942	3694.31	10.95	6.53	40.18	3780	G12					
22	17-Feb-15	2	KT-30	59/59	261008945	3631.18	11.29	6.43	38.42	3916	G12	10.89	5.11	42.00	3883	G12
23	16-Feb-15	4	KT-32	59/59	261008947	3678.71	11.39	6.59	38.58	3775	G12	12.71	5.14	45.03	3763	G12
24	16-Feb-15	4	KT-33	59/58	261008948	3584.49	12.12	6.52	39.83	3798	G12	13.29	4.89	44.61	3736	G12
25	17-Feb-15	1	KT-34	58/56	261008952	3558.37	11.95	6.56	38.54	3961	G12	12.63	5.45	42.04	3922	G12
26	21-Feb-15	1	KT-37	59/59	261008961	3860.91	12.43	6.20	39.10	3983	G12	12.16	5.12	43.08	3854	G12
27	19-Feb-15	4	KT-40	59/50	261008966	3132.43	12.19	6.42	40.37	3787	G12	10.89	5.22	40.34	3930	G12
28	22-Feb-15	5	KT-41	59/59	241000492	3738.23	11.62	6.59	39.34	3757	G12	12.41	5.52	39.97	3933	G12
29	22-Feb-15	6	KT-42	58/57	261008033	3512.78	12.24	6.41	40.08	3791	G12	11.63	5.69	39.60	3893	G12
30	28-Feb-15	6	KT-48	58/56	261008047	3628.64	12.65	6.79	39.95	3753	G12	11.58	5.15	42.41	3972	G12

*Prakash*  
CHEMIST

SIGNATURE OF M/S K.C.SHARMA & CO

SIGNATURE OF M/S COTECNA INSP IND PVT LTD

Jaganath Coal Analysis Laboratory

(I.A.)

*Ramkrishna*



DAY WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN FROM BELT BY M/s COTECNA INSPECTION INDIA PVT LTD &  
M/S K.C.SHARMA & CO. DURING THE MONTH OF *February* 2015

SL NO	DATE	SDG	SAMPLE NO	R R QNTY	ANALYSED BY M/S K.C.SHARMA & CO					ANALYSED BY M/S COTECNA INSP IND PVT LTD				
					TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS				TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS			
						M%	A%	GCV	Gr		M%	A%	GCV	Gr
1	1-Feb-15	NA	JB-301	5030	11.69	6.42	40.16	3794	G12	11.69	6.44	39.00	3799	G12
2	2-Feb-15	NA	JB-302	5250	11.65	6.28	39.70	3830	G12	11.65	6.32	39.43	3805	G12
3	3-Feb-15	NA	JB-303	3700	11.65	6.35	40.02	3793	G12	11.65	6.20	40.16	3779	G12
4	4-Feb-15	NA	JB-304	4800	10.98	6.49	40.02	3844	G12	10.98	6.48	40.14	3788	G12
5	5-Feb-15	NA	JB-305	3350	11.84	6.39	38.42	3967	G12	11.84	6.28	37.81	3948	G12
6	6-Feb-15	NA	JB-306	1560	10.80	6.55	39.59	3840	G12	10.80	6.35	39.36	3794	G12
7	7-Feb-15	NA	JB-307	4400	11.92	6.39	39.89	3819	G12	11.92	6.32	39.72	3799	G12
8	8-Feb-15	NA	JB-308	5360	12.42	6.55	39.99	3790	G12	12.42	6.35	39.63	3782	G12
9	9-Feb-15	NA	JB-309	6000	10.97	6.48	40.38	3727	G12	10.97	6.43	40.42	3718	G12
10	10-Feb-15	NA	JB-310	3650	12.51	6.39	39.94	3799	G12	12.51	6.42	39.68	3790	G12
11	11-Feb-15	NA	JB-311	4850	10.53	6.29	39.79	3854	G12	10.53	6.38	39.45	3820	G12
12	12-Feb-15	NA	JB-312	3140	11.91	6.43	39.94	3779	G12	11.91	6.50	40.03	3725	G12
13	13-Feb-15	NA	JB-313	3800	12.76	6.51	40.47	3731	G12	12.76	6.24	40.77	3714	G12
14	14-Feb-15	NA	JB-314	4070	12.11	6.42	39.74	3789	G12	12.11	6.10	39.95	3781	G12
15	15-Feb-15	NA	JB-315	4230	11.96	6.33	40.41	3742	G12	11.96	6.48	40.03	3724	G12
16	16-Feb-15	NA	JB-316	3080	11.53	6.29	40.52	3775	G12	11.53	6.23	40.20	3746	G12
17	17-Feb-15	NA	JB-317	4000	12.38	6.03	40.96	3786	G12	12.38	5.85	41.46	3744	G12
18	18-Feb-15	NA	JB-318	4600	11.91	6.55	39.87	3809	G12	11.91	6.33	40.19	3785	G12
19	19-Feb-15	NA	JB-319	5600	11.96	6.36	40.19	3799	G12	11.96	6.36	40.13	3747	G12
20	20-Feb-15	NA	JB-320	5130	11.48	6.52	39.12	3851	G12	11.48	6.44	38.94	3796	G12
21	21-Feb-15	NA	JB-321	5000	10.92	6.18	39.86	3864	G12	10.92	6.70	40.17	3795	G12
22	22-Feb-15	NA	JB-322	5300	11.98	6.51	39.74	3887	G12	11.98	6.40	40.84	3819	G12
23	23-Feb-15	NA	JB-323	4600	11.69	6.49	40.19	3756	G12	11.69	5.05	41.00	3769	G12
24	24-Feb-15	NA	JB-324	1850	10.23	6.49	39.09	3882	G12	12.06	5.12	39.84	3794	G12
25	25-Feb-15	NA	JB-325	3500	12.06	6.52	39.80	3809	G12	12.06	5.12	39.84	3794	G12
26	26-Feb-15	NA	JB-326	4860	10.58	6.52	40.06	3758	G12	10.58	6.04	39.96	3724	G12
27	27-Feb-15	NA	JB-327	4100	10.72	6.59	40.28	3732	G12	10.72	5.76	39.58	3714	G12
28	28-Feb-15	NA	JB-328	4100	11.63	6.75	39.68	3776	G12	11.63	6.66	40.02	3723	G12

SIGNATURE OF M/S K.C.SHARMA & CO

SIGNATURE OF M/S CTECNA INSP IND PVT LTD

*Anand*  
CHEMIST  
K.C. Sharma & Co.

*Prasanna*



RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/s COTECNA INSPECTION INDIA PVT LTD & M/S K.C.SHARMA & CO.  
DURING THE PERIOD OF **FEBRUARY** **2015**

SL NO	DATE	SDG	SAMPLE NO	No of Box	R. R. No.	R. R. QTY	ANALYSED BY M/S K.C.SHARMA & CO					ANALYSED BY M/S COTECNA INSP IND PVT LTD				
							TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS				TM%	ANALYSIS RESULT ON EQUILIBRATED BASIS			
								M%	A%	GCV	Gr		M%	A%	GCV	Gr
1	1-Feb-15	1	TTPS-01	57/56	261008838	3528.09	10.74	6.59	40.03	3758	G12	10.74	6.45	39.79	3751	G12
2	5-Feb-15	3	TTPS-07	59/58	261008869	3579.12	10.42	6.37	39.96	3784	G12	10.42	6.31	39.99	3766	G12
3	7-Feb-15	2	TTPS-12	59/59	261008887	3691.91	11.96	6.36	40.19	3799	G12	11.96	6.40	39.75	3790	G12
4	8-Feb-15	3	TTPS-14	58/54	241000560	3236.36	11.88	6.24	39.91	3849	G12	11.88	6.35	39.20	3841	G12
5	8-Feb-15	4	TTPS-15	59/58	211008901	3514.72	12.06	6.59	40.29	3747	G12	12.06	6.25	40.36	3738	G12
6	9-Feb-15	1	TTPS-16	59/59	261008904	3666.51	11.54	6.42	40.08	3810	G12	11.54	6.24	39.48	3800	G12
7	9-Feb-15	4	TTPS-17	57/57	261008911	3496.13	12.25	6.74	39.02	3785	G12	12.25	6.51	39.45	3777	G12
8	11-Feb-15	3	TTPS-21	59/55	241000565	3324.25	10.69	6.28	39.97	3800	G12	10.69	6.20	40.14	3776	G12
9	18-Feb-15	4	TTPS-22	59/59	261008960	3649.11	12.32	6.22	40.39	3799	G12	12.32	6.10	40.33	3738	G12
10	19-Feb-15	1	TTPS-23	58/56	261008962	3560.34	11.69	6.38	39.97	3823	G12	11.69	6.30	39.99	3776	G12
11	20-Feb-15	3	TTPS-25	59/57	261008971	3608.23	11.39	6.36	40.15	3750	G12	11.39	6.21	40.57	3710	G12
12	21-Feb-15	5	TTPS-27	58/56	261008020	3528.54	11.57	6.42	39.74	3789	G12	11.57	6.32	39.98	3716	G12
13	22-Feb-15	5	TTPS-29	58/56	261008030	3467.34	11.99	6.45	40.08	3813	G12	11.99	6.18	40.62	3795	G12
14	24-Feb-15	4	TTPS-32	58/56	261009004	3364.74	11.62	6.28	40.59	3729	G12	11.62	6.64	40.17	3774	G12
15	25-Feb-15	6	TTPS-33	58/55	261008045	3445.45	11.59	6.29	38.88	3886	G12	11.59	6.17	39.45	3833	G12
16	26-Feb-15	5	TTPS-34	58/57	261008048	3552.28	12.79	6.37	40.47	3749	G12	12.79	6.14	39.43	3715	G12
17	26-Feb-15	5	TTPS-35	58/57	261008052	3734.28	12.15	6.38	39.96	3771	G12	12.15	6.11	39.79	3737	G12
18	27-Feb-15	5	TTPS-36	59/58	261008054	3608.83	12.10	6.59	38.94	3842	G12	12.10	6.48	38.82	3783	G12
19	27-Feb-15	2	TTPS-37	59/55	261009035	3558.36	10.82	6.32	39.90	3810	G12	10.82	6.36	40.06	3770	G12
20	28-Feb-15	5	TTPS-38	58/57	261008055	3512.03	11.39	6.36	40.15	3748	G12	11.39	6.29	40.30	3701	G12
21	28-Feb-15	3	TTPS-40	57/57	261009044	3558.23	11.48	6.35	39.79	3807	G12	11.48	6.22	39.67	3749	G12

SIGNATURE OF M/S K.C.SHARMA & CO

SIGNATURE OF M/S COTECNA INSP IND PVT LTD

*Handwritten signature*  
CHEMIST  
Coal Lab  
T.A.S.

*Handwritten signature*  
Jagdish Chandra



M/S Inspectorate Griffith India Pvt Ltd  
Plot no: 211, Sector - A, Zone - B, Mancheswar Industrial Area, Bhubaneswar - 751010  
Client's Name: NTPC - Kaniha

DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD OF FEBRUARY-2015  
LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY: MCL - Bharatpur - OCP (7 & 8)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	NO. OF WAGONS	RR NUMBER & DATE	RR WEIGHT (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS ( 60% RH & 40 DEG C.)			GRADE	REMARKS
							IM%	ASH%	GCV(Kcal/Kg)	EQ. IM%	EQ. ASH%	EQ. GCV (Kcal/Kg)		
1	NTPC/BHARATPUR-07/KT-01	01.02.2015	59	261004789/2.2.15	3562.410	11.2	3.50	43.65	3710	3.71	43.56	3702	G12	
2	NTPC/BHARATPUR-08/KT-04	04.02.2015	58	261004803/4.2.15	3626.72	10.68	3.68	42.73	3789	3.76	42.69	3786	G12	
3	NTPC/BHARATPUR-08/KT - 06	04.02.2015	59	261004809/4.2.15	3853.660	10.95	2.95	43.74	3711	3.04	43.70	3708	G12	
4	NTPC/BHARATPUR-07/KT-14	08.02.2015	56	261004824/8.2.15	3395.740	12.05	3.30	41.68	3922	4.29	41.25	3882	G12	
5	NTPC/BHARATPUR-07/KT-20	10.02.2015	58	261004838/11.2.15	3541.570	12.01	3.76	41.55	3961	4.57	41.20	3928	G12	
6	NTPC/BHARATPUR-07/KT-29	14.02.2015	57	2610004857/15.2.15	3452.730	12.42	3.28	43.41	3900	5.35	42.48	3817	G12	
7	NTPC/BHARATPUR-31/KT-31	15.02.2015	59	261004862/16.2.15	3459.210	13.05	3.32	43.19	3978	5.57	42.18	3865	G12	
8	NTPC/BHARATPUR-8/KT-35	17.02.2015	59	261004868/17.2.15	3597.110	11.57	3.21	39.83	3978	5.79	38.77	3872	G12	
9	NTPC/BHARATPUR-8/KT-38	19.02.2015	56	261004876/19.02.15	3,333.940	11.09	3.30	40.38	3949	5.09	39.63	3876	G12	
10	NTPC/BHARATPUR-07/KT-39	19.02.2015	55	261004877/19.2.15	3118.860	11.45	3.43	39.09	4013	5.69	38.18	3919	G12	
11	NTPC/BHARATPUR-07/KT-43	23.02.2015	59	261004899/24.2.15	3627.430	11.89	3.72	39.74	3933	4.48	39.43	3902	G12	
12	NTPC/BHARATPUR-08/KT-44	23.02.2015	57	261004900/24.2.15	3376.780	11.99	3.91	40.11	3992	4.76	39.76	3957	G12	
13	NTPC/BHARATPUR-08/KT-45	24.02.2015	58	261004905/25.2.15	3611.630	10.85	3.46	37.97	4066	5.08	37.33	3998	G12	
14	NTPC/BHARATPUR-08/KT-46	24.02.2015	58	261004907/25.2.15	3549.280	11.46	3.67	38.75	4048	4.96	38.23	3994	G12	
15	NTPC/BHARATPUR-08/KT-47	25.02.2015	59	261004908/25.2.15	3622.010	10.27	3.73	37.94	4033	4.79	37.52	3989	G12	
Total	15 Hakes				52728.980	11.52	3.48	40.94	3930	4.71	40.42	3880	G12	

Signature of third party Madhumitan De  
Name of the third party IGI



INSPECTORATE

INSPECTORATE  
Vasmedhara, 3rd Floor  
1/7, Sarat Bose Road  
Kolkata - 700 020, India  
Tel. : +91 33 3951 6600  
www.inspectorate.co.in

Signature of the NTPC station  
Name:

आशुतोष शंकर नलिन  
ASHUTOSH SHANKER MALIN  
उप प्रबंधक (प्रत्ना. एवं मनु. / रसायन)  
Dy. Manager (O&M/Chemistry)  
मन्चेस्वर इन्डियल एरिया, भुवनेश्वर, ओ.डी.ए.ए.

Signature of the Coal Company  
Name :

- Samples received for analysis were sealed and jointly signed at Mine End.
- Proximate analysis has been done in accordance with BIS specification IS - 1350 (Part - I), 1984 & 1350 (Part - II) 1970 for determination of GCV
- Wagons statement and Checklists are enclosed.

Signature of third party:

Name of third Party:

Date:

Distribution

NTPC Station:

- Head of Chemistry
- Head of Fuel Management
- GM (O & M)

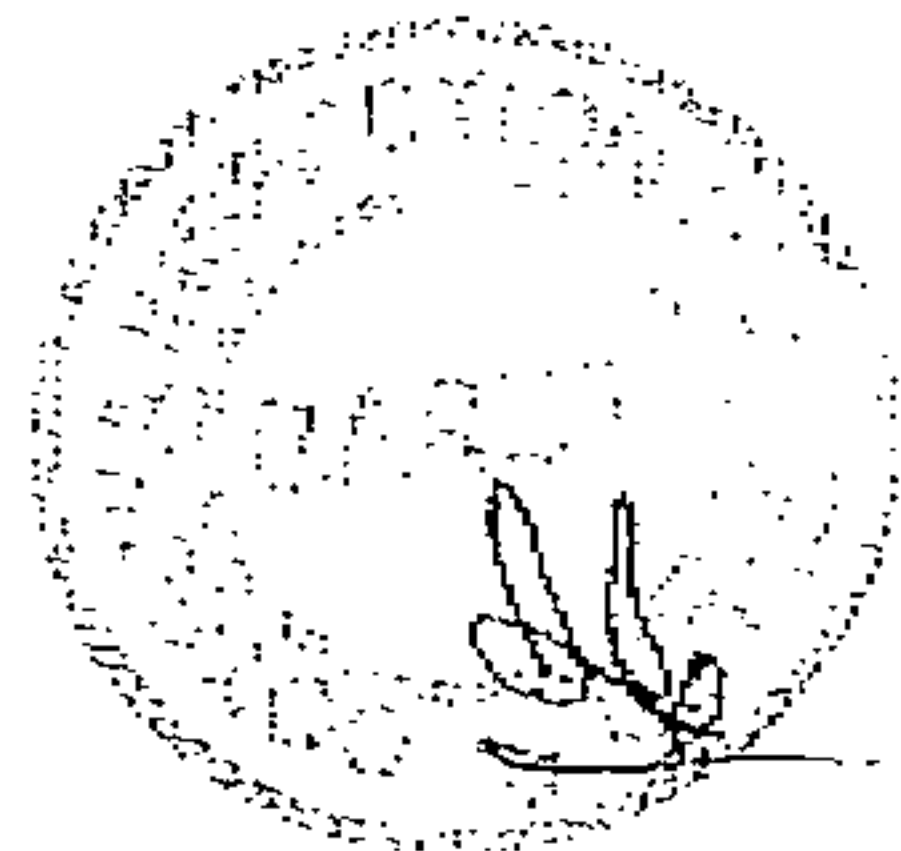
Coal Company

- Concerned Area GM
- Office of the GM (QC) Coal Co
- ASM/AQCM/AQM of the concerned area.



## TTPS ANALYSIS REPORT FOR FEBRUARY-2015

DATE OF LOADING	RAKE NO/SIDING	ADB			TM	RH			GRADE	R.R. QUANTITY	R.R. NUMBER	R.R. DATE
		%M	%ASH	GCV		%M	%ASH	GCV				
02.02.15	03/BHARATPUR-08	8.03	39.07	3722	12.51	6.24	39.83	3794	12	3397.81	261004791	02.02.15
03.02.15	04/BHARATPUR-08	7.85	39.04	3693	11.81	6.19	39.74	3760	12	3356.76	261004796	03.02.15
03.02.15	05/BHARATPUR-08	8.20	38.90	3694	11.69	6.41	39.66	3766	12	3194.97	261004799	04.02.15
04.02.15	06/BHARATPUR-07	7.98	38.75	3707	12.27	6.25	39.49	3777	12	3835.00	261004805	04.02.15
05.02.15	08/BHARATPUR-08	8.50	38.66	3700	12.17	6.14	39.66	3795	12	3835.00	261004810	06.02.15
05.02.15	09/BHARATPUR-07	8.18	38.84	3708	11.96	6.15	39.70	3790	12	3633.73	261004811	06.02.15
06.02.15	10/BHARATPUR-07	8.78	38.93	3679	12.57	6.28	40.00	3780	12	3653.19	261004814	06.02.15
06.02.15	11/BHARATPUR-07	7.95	38.79	3729	12.05	6.40	39.44	3792	12	3723.18	261004817	07.02.15
07.02.15	13/BHARATPUR-08	7.90	38.62	3735	11.66	6.25	39.31	3802	12	3520.71	261004821	08.02.15
12.02.15	20/BHARATPUR-08	8.02	39.09	3689	11.93	6.39	39.78	3754	12	2983.45	261004846	12.02.15
20.02.15	26/BHARATPUR-08	7.08	39.56	3713	12.13	6.50	39.81	3736	12	3845.04	261004884	21.02.15
21.02.15	28/BHARATPUR-07	6.74	39.53	3746	10.79	6.28	39.72	3764	12	3449.24	261004890	22.02.15
23.02.15	30/BHARATPUR-08	8.20	39.49	3718	10.78	5.95	40.46	3809	12	3308.44	261004894	23.02.15
23.02.15	31/BHARATPUR-07	7.25	39.20	3721	11.08	6.03	39.72	3770	12	3513.83	261004903	24.02.15
28.02.15	39/BHARATPUR-07	7.50	40.13	3728	11.71	6.85	40.41	3734	12	3431.16	261004923	28.03.15

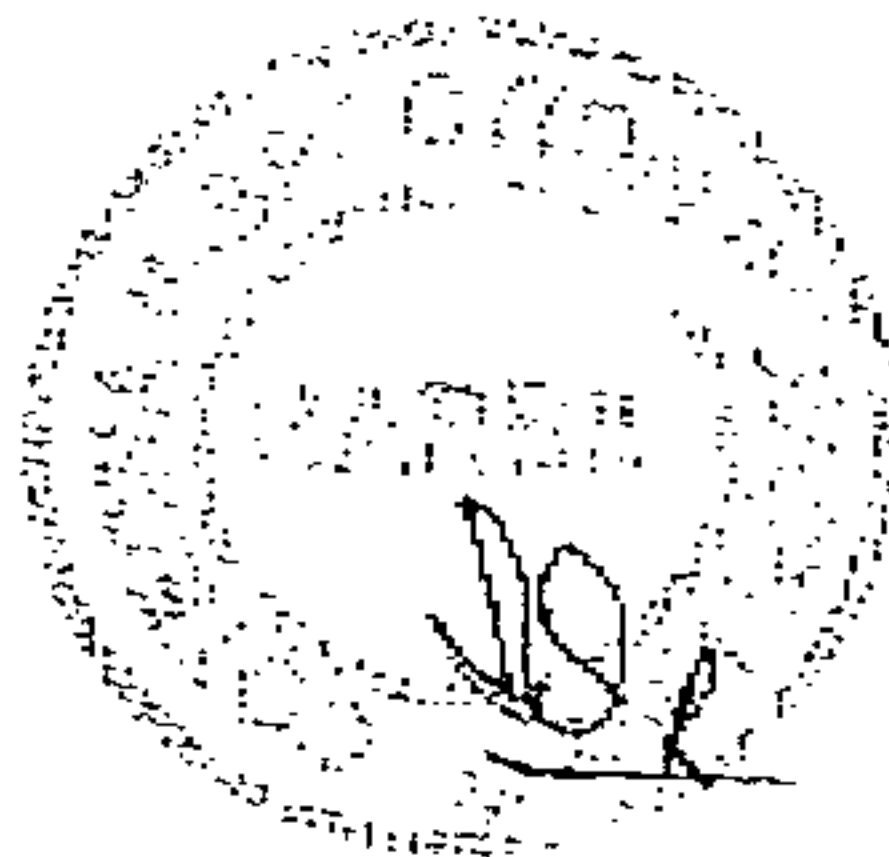


*Sign of Caterer*



## SIMHAHRI ANALYSIS REPORT FOR FEBRUARY 2015

DATE OF LOADING	RAKE NO/SIDING	ADB			TM	BH			GRADE	R.R. QUANTITY	R.R. NUMBER	R.R. DATE
		%M	%ASH	GCV		%M	%ASH	GCV				
07/02/2015	14/BHARATPUR-08	7.21	39.91	3720	11.71	6.22	40.34	3760	12	3223.260	261004819	07.02.2015
08/02/2015	17/BHARATPUR-08	8.39	38.54	3707	12.72	6.85	39.40	3790	12	3440.520	261004825	08.02.2015
09/02/2015	19/BHARATPUR-08	7.61	39.33	3691	11.11	6.89	39.76	3722	12	3638.210	261004830	10.02.2015
11/02/2015	22/BHARATPUR-07	7.55	39.01	3711	11.65	6.20	39.58	3765	12	3450.500	261004840	11.02.2015
11/02/2015	23/BHARATPUR-08	7.91	38.68	3731	11.72	6.70	39.18	3780	12	3552.830	261004841	12.02.2015
12/02/2015	24/BHARATPUR-08	8.01	39.07	3715	11.69	6.22	39.77	3787	12	3447.170	261004847	12.02.2015
13/02/2015	27/BHARATPUR-08	7.72	39.11	3711	12.49	6.24	39.74	3770	12	3663.94	261004850	14.02.2015
14/02/2015	28/BHARATPUR-07	7.30	39.21	3682	12.33	6.45	39.57	3716	12	3574.24	261004855	15.02.2015
14/02/2015	29/BHARATPUR-08	7.76	38.82	3688	11.69	6.51	39.35	3738	12	3533.33	261004856	15.02.2015
15/02/2015	30/BHARATPUR-08	7.51	39.24	3670	12.02	6.50	39.67	3710	12	3543.06	261004858	15.02.2015
20.02.2015	39/BHARATPUR-07	6.58	40.31	3704	11.29	6.01	40.56	3727	12	3516.37	261004885	21.02.2015
20.02.2015	40/BHARATPUR-07	6.10	41.02	3692	11.81	5.65	41.22	3710	12	3645.29	261004886	21.02.2015
20.02.2015	41/BHARATPUR-08	6.66	39.18	3789	11.35	6.14	39.40	3810	12	3941.53	261004887	21.02.2015
22.02.2015	43/BHARATPUR-07	6.15	40.64	3767	11.48	5.71	40.83	3785	12	3883.93	261004891	22.02.2015
23.02.2015	46/BHARATPUR-07	7.63	39.41	3676	11.64	5.19	40.45	3779	12	3568.7	261004897	23.02.2015
26.02.2015	52/BHARATPUR-07	7.12	39.99	3678	11.67	6.42	40.29	3706	12	3462.23	261004913	26.02.2015
26.02.2015	54/BHARATPUR-08	7.20	39.18	3670	11.29	6.38	39.53	3702	12	3618.16	261004914	27.02.2015
27.02.2015	56/BHARATPUR-08	7.52	39.87	3746	11.78	6.50	40.31	3787	12	3659.98	261004921	28.02.2015
28.02.2015	58/BHARATPUR-08	7.89	40.00	3716	11.41	6.43	40.63	3775	12	3466.33	261004922	28.02.2015



Scan of P. Adnan



DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD OF FEBRUARY - 2015  
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL - (LINGARAJ - MGR)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	DESPATCH QUANTITY (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS ( 60% RH & 40 DEG C.)			GRADE	REMARKS
					IM%	ASH%	GCV (Kcal/Kg)	EQ. M%	EQ. ASH%	EQ. GCV(Kcal/Kg)		
1	MGR - 1.2.15	01.02.2015	9598.040	10.92	3.26	40.31	3963	4.21	39.91	3924	G12	
2	MGR/2.2.15	02.02.2015	11878.560	10.75	4.36	38.74	4000	4.96	38.50	3975	G12	
3	MGR/3.2.15	03.02.2015	8890.400	12.15	3.58	42.10	3826	4.16	41.85	3803	G12	
4	MGR/4.2.15	04.02.2015	11202.300	11.00	3.45	40.11	4002	4.73	39.58	3949	G12	
5	MGR/5.2.15	05.02.2015	11375.220	11.73	3.32	39.17	4021	3.92	38.93	3996	G12	
6	MGR/6.2.15	06.02.2015	6886.370	11.43	4.42	39.54	3950	5.05	39.28	3924	G12	
7	MGR/7.2.15	07.02.2015	11754.860	10.50	2.61	40.99	3899	4.82	40.06	3811	G12	
8	MGR/8.2.15	08.02.2015	6748.640	9.82	3.00	44.28	3802	4.57	43.56	3740	G12	
9	MGR/9.2.15	09.02.2015	8840.780	9.51	3.08	43.2	3862	5.12	42.29	3781	G12	
10	MGR/10.02.15	10.02.2015	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0		
11	MGR/11.02.15	11.02.2015	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0		
12	MGR/12.02.15	12.02.2015	10020.040	11.52	4.17	41.74	3689	3.84	41.88	3702	G12	
13	MGR/13.02.15	13.02.2015	10106.950	14.64	3.80	41.40	3724	3.86	41.37	3722	G12	
14	MGR/14.02.15	14.02.2015	7311.460	14.36	3.86	40.92	3755	3.94	40.89	3752	G12	
15	MGR/15.02.15	15.02.2015	9692.450	13.21	3.14	42.56	3781	4.79	41.83	3717	G12	
16	MGR/16.02.15	16.02.2015	7155.000	14.23	3.08	43.04	3774	4.78	42.29	3708	G12	
17	MGR/17.02.15	17.02.2015	7055.860	12.78	3.25	40.72	3967	4.89	40.03	3900	G12	
18	MGR/18.02.15	18.02.2015	4510.120	10.88	3.24	37.01	4169	5.14	36.28	4087	G11	
19	MGR/19.02.15	19.02.2015	9297.840	12.11	3.48	41.29	4004	5.02	40.63	3940	G12	
20	MGR/20.02.15	20.02.2015	9451.140	12.01	2.92	43.12	3841	5.56	41.95	3737	G12	
21	MGR/21.2.15	21.02.2015	9334.380	14.57	3.57	39.72	3963	6.59	38.48	3839	G12	
22	MGR/22.2.15	22.02.2015	6742.640	11.67	3.64	40.27	3967	6.4	39.12	3853	G12	
23	MGR/23.02.15	23.02.2015	7087.540	10.07	3.12	39.79	4079	5.77	38.70	3967	G12	
24	MGR/24.2.15	24.02.2015	6774.630	11.47	3.37	45.82	3532	5.16	44.97	3467	G13	
25	MGR/25.2.15	25.02.2015	4748.840	10.28	3.02	41.93	3805	5.26	40.96	3717	G12	
26	MGR/26.2.15	26.02.2015	5286.680	9.34	3.41	42.95	3743	4.87	42.30	3686	G13	
27	MGR/27.2.15	27.02.2015	7406.750	12.62	3.48	42.59	3829	4.3	42.23	3796	G12	
28	MGR/28.2.15	28.02.2015	2780.970	9.49	4.68	47.18	3429	4.02	47.51	3453	G13	
Total	26 Samples	Weighted Average =	211938.460	11.77	3.46	41.34	3875	4.81	40.76	3821	G12	

Signature of third Party Madhumilan De  
 Name of the third party GI



INSPECTORATE  
 Manandhara, 3rd Floor  
 2/7, Sector - A, Zone - B,  
 Mancheswar Industrial Area, Bhubaneswar - 751010  
 Tel: 0674 23 1741 / 600

Samples received for analysis were sealed and jointly signed at Mine End.

ii

Proximate analysis has been done in accordance with BIS specification IS - 1350 (Part - I), 1984 & 1350 (Part - II) 1970 for determination of GCV

iii

Wagons statement and Checklists are enclosed.

Signature of third party:

Name of third Party:

Date:

Distribution

NTPC Station:

- (1) Head of Chemistry
- (2) Head of Fuel Management
- (3) GM (O & M)

211938.460 only quality verified  
 Signature of the NTPC station  
 Name: e.

आशुतोष शंकर नलिन  
 ASHUTOSH SHANKER NALIN  
 उप प्रबंधक (प्रचा. एवं अनु. / रसायन)  
 Dy Manager (O&M/Chemistry)  
 एन.टी.सी. विभाग/मानचेस्वर कनिहा

Signature of the Coal Company  
 Name (Optional).

Coal Company

- (1) Concerned Area GM
- (2) Office of the GM (QC) Coal Co
- (3) ASM/AQCM/AQM of the concerned area.



DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD OF FEBRUARY-2015  
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL (LINGARAJ - RAILWAY)

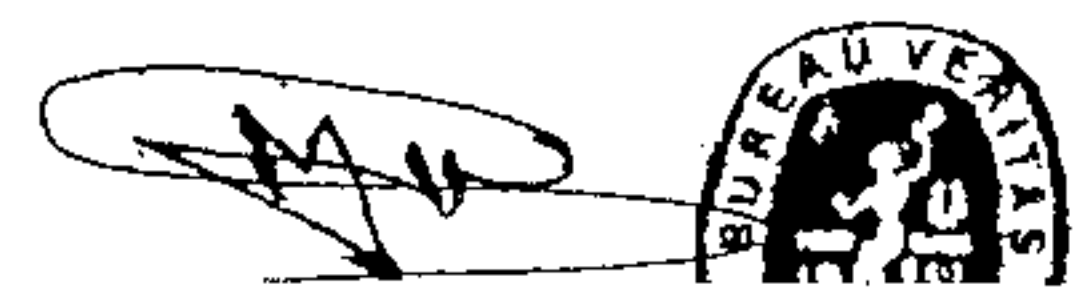
SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	NO. OF WAGONS	RR NUMBER & DATE	RR WEIGHT (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS ( 60% RH & 40 DEG C.)			GRADE	REMARKS
							IM%	ASH%	GCV (Kcal/Kg)	EQ. M%	EQ. ASH%	EQ. GCV (Kcal/Kg)		
1	MNKT-8	02.02.2015	51	261000625/3.2.15	3308.890	11.95	4.17	42.01	3829	4.44	41.89	3818	G12	
2	MNKT-9	02.02.2015	58	261000626/3.2.15	3728.830	11.75	5.22	41.67	3934	3.71	42.33	3997	G12	
3	MNKT-10	02.02.2015	54	261000627/3.2.15	3457.560	11.32	3.85	41.78	3844	4.23	41.61	3829	G12	
4	MNKT-11	03.02.2015	56	261000628/3.2.15	3625.970	11.24	4.83	41.71	3866	4.01	42.07	3899	G12	
5	MNKT-12	03.02.2015	58	261000629/3.2.15	3799.530	11.16	4.87	39.55	3959	4.32	39.78	3982	G12	
6	MNKT-13	03.02.2015	54	261000630/3.2.15	3487.760	12.15	3.44	41.29	3961	4.34	40.91	3924	G12	
7	MNKT-14	03.02.2015	56	261000631/4.2.15	3601.370	11.35	3.90	44.5	3918	4.14	44.39	3908	G12	
8	MNKT-15	03.02.2015	58	261000632/4.2.15	3716.730	11.11	4.32	39.42	3989	4.51	39.34	3981	G12	
9	MNKT-16	04.02.2015	54	261000633/4.2.15	3469.160	11.46	3.45	40.03	4019	4.00	39.80	3996	G12	
10	MNKT-17	04.02.2015	56	261000634/4.2.15	3592.970	7.56	3.99	41.87	3945	4.39	41.70	3929	G12	
11	MNKT-18	04.02.2015	57	262000636/5.2.15	3693.240	11.02	3.81	41.69	3923	4.08	41.57	3912	G12	
12	MNKT-19	04.02.2015	53	261000638/5.2.15	3379.970	11.84	3.95	39.94	3966	4.39	39.76	3948	G12	
13	MNKT-20	05.02.2015	56	261000635/5.2.15	3525.270	12.13	3.66	39.95	3978	3.72	39.93	3976	G12	
14	MNKT-21	05.02.2015	58	261000637/5.2.15	3725.870	11.24	3.47	41.64	3886	3.64	41.57	3879	G12	
15	MNKT-22	05.02.2015	53	261000639/6.2.15	3416.070	11.34	4.26	39.89	3978	4.03	39.99	3988	G12	
16	MNKT-23	05.02.2015	56	261000640/6.2.15	3603.870	11.79	3.20	40.16	4020	4.70	39.54	3958	G12	
17	MNKT-24	05.02.2015	58	261000643/6.2.15	3709.570	11.11	3.26	42.98	3815	4.53	42.42	3765	G12	
18	MNKT-25	05.02.2015	53	261000642/6.2.15	3387.170	11.42	3.67	40.21	3935	4.81	39.73	3888	G12	
19	MNKT-26	06.02.2015	56	261000641/6.2.15	3656.770	12.75	3.12	40.97	3802	4.92	40.21	3731	G12	
20	MNKT-27	06.02.2015	58	261000644/6.2.15	3747.970	11.71	4.77	39.91	3898	4.25	40.13	3919	G12	
21	MNKT-28	06.02.2015	53	261000645/7.2.15	3475.870	12.40	3.06	41.77	3821	4.81	41.02	3752	G12	
22	MNKT-29	06.02.2015	56	261000646/7.2.25	3641.570	11.40	3.99	39.97	3997	4.85	39.61	3961	G12	
23	MNKT-30	06.02.2015	58	261000647/7.2.15	3723.070	11.18	3.01	42.45	3960	4.69	41.71	3891	G12	
24	MNKT-31	07.02.2015	53	261000648/7.2.15	3439.470	11.51	3.67	42.68	3780	4.57	42.28	3745	G12	
25	MNKT-32	07.02.2015	56	261000649/7.2.15	3606.770	11.24	3.77	45.31	3516	5.79	44.36	3442	G13	
26	MNKT-33	07.02.2015	58	261000650/8.2.15	3795.070	11.20	2.95	39.58	3936	3.25	39.46	3924	G12	
27	MNKT-34	07.02.2015	56	261000651/8.2.15	3717.850	11.79	2.81	42.58	3757	3.79	42.15	3719	G12	
28	MNKT-35	07.02.2015	54	261000652/8.2.15	3549.990	11.47	2.35	43.32	3873	4.80	42.23	3776	G12	
29	MNKT-36	07.02.2015	58	261000653/8.2.15	3768.270	8.73	3.45	41.77	3820	4.72	41.22	3770	G12	
30	MNKT-37	07.02.2015	56	261000654/8.2.15	3685.140	9.63	3.5	42.69	3774	4.80	42.11	3723	G12	
31	MNKT-38	08.02.2015	54	261000655/9.2.15	3487.890	8.08	3.78	43.67	3760	5.06	43.09	3710	G12	
32	MNKT-39	08.02.2015	58	261000656/9.2.15	3763.570	9.59	3.18	40.62	4055	5.13	39.80	3973	G12	
33	MNKT-40	08.02.2015	56	261000657/9.2.15	3635.250	9.00	2.92	43.94	3880	5.01	42.99	3796	G12	
34	MNKT-41	08.02.2015	54	261000658/9.2.15	3467.390	13.10	3.11	43.75	3791	5.19	42.81	3710	G12	
35	MNKT-42	09.02.2015	58	261000659/10.2.15	3776.870	10.20	3.50	44.06	3780	4.78	43.48	3730	G12	
36	MNKT-52	12.02.2015	54	261000669/12.2.15	3511.160	11.64	3.3	43.7	3623	3.77	43.49	3605	G13	
37	MNKT-53	12.02.2015	53	261000670/12.02.15	3504.900	11.50	4.03	40.71	3753	3.78	40.82	3763	G12	
38	MNKT-54	12.02.2015	58	241000013/13.02.15	3840.770	12.23	3.93	40.63	3741	4.60	40.35	3715	G12	
39	MNKT-55	12.02.2015	54	241000011/13.2.15	3573.360	12.27	3.24	41.02	3828	4.77	40.37	3767	G12	
40	MNKT-56	13.02.2015	53	241000012/13.2.15	3555.600	13.71	3.73	41.81	3698	4.96	41.28	3651	G13	
41	MNKT-57	13.02.2015	58	261000671/13.2.15	3717.070	13.75	3.77	42.8	3674	4.76	42.36	3636	G13	



INSPECTORATE  
 Vasundhara, 3rd Floor  
 2/7, Sarat Bose Road  
 Kolkata - 700 020, India



	MNKT-58	13.02.2015	54	241000014/14.2.15	3501.160	12.86	3.54	41.09	3758	4.82	40.54	3708	G12
	MNKT-59	13.02.2015	52	261000672/14.2.15	3368.310	13.22	3.60	41.55	3738	4.43	41.19	3706	G12
44	MNKT-60	13.02.2015	58	261000673/14.2.15	3746.970	13.64	3.76	40.92	3740	4.66	40.54	3705	G12
45	MNKT-61	14.02.2015	54	261000674/14.2.15	3482.760	13.98	3.85	40.30	3796	4.92	39.85	3754	G12
46	MNKT-62	14.02.2015	52	261000675/14.2.15	3297.910	14.63	3.78	44.48	3536	5.41	43.73	3476	G13
47	MNKT-63	14.02.2015	58	261000676/15.2.15	3715.670	13.87	3.57	41.14	3747	3.96	40.97	3732	G12
48	MNKT-64	14.02.2015	54	261000677/15.2.15	3485.460	14.63	4.42	41.84	3650	4.93	41.62	3631	G13
49	MNKT-65	15.02.2015	59	261000678/15.2.15	3334.010	16.11	3.92	42.24	3742	4.9	41.81	3704	G12
50	MNKT-66	15.02.2015	59	261000679/15.2.15	3711.570	15.09	3.1	42.57	3829	4.8	41.82	3762	G12
51	MNKT-67	15.02.2015	59	261000681/16.2.15	3510.060	15.69	3.93	42.48	3739	4.82	42.09	3704	G12
52	MNKT-68	15.02.2015	59	261000682/16.2.15	3314.020	15.12	3.14	42.98	3787	4.79	42.25	3722	G12
53	MNKT-69	15.02.2015	59	261000680/16.2.15	3731.770	15.16	3.9	42.23	3758	4.85	41.81	3721	G12
54	MNKT-70	16.02.2015	54	261000683/16.2.15	3501.460	16.16	3.96	42.56	3741	4.62	42.27	3715	G12
55	MNKT-71	16.02.2015	52	261000684/16.2.15	3386.110	16.45	3.07	42.29	3839	4.77	41.55	3772	G12
56	MNKT-72	16.02.2015	58	261000685/17.2.15	3713.270	15.94	3.05	42.88	3778	4.92	42.05	3705	G12
57	MNKT-73	16.02.2015	54	261000686/17.2.15	3469.960	15.69	3.57	41.81	3751	4.81	41.27	3703	G12
58	MNKT-74	17.02.2015	51	261000688/17.2.15	3249.720	14.06	3.17	40.37	3943	4.72	39.72	3880	G12
59	MNKT-75	17.02.2015	58	261000687/17.2.15	3731.970	15.55	3.18	41.13	3848	4.96	40.37	3777	G12
60	MNKT-76	17.02.2015	53	241000017/18.2.15	3368.270	11.92	3.3	40.47	3961	5.18	39.68	3884	G12
61	MNKT-77	17.02.2015	51	241000015/18.2.15	3262.720	13.93	3.41	39.83	3982	5.3	39.05	3904	G12
62	MNKT-78	17.02.2015	58	241000016/18.2.15	3667.270	12.57	3.34	40.02	4000	5.55	39.10	3909	G12
63	MNKT-79	18.02.2015	53	261000689/18.2.15	3317.470	12.67	3.37	40.78	3956	5.32	39.96	3876	G12
64	MNKT-80	18.02.2015	51	261000690/19.2.15	3244.720	11.42	3.19	41.92	3844	5.16	41.07	3766	G12
65	MNKT-81	18.02.2015	58	261000691/19.2.15	3680.470	12.99	3.21	41.18	3969	5.38	40.26	3880	G12
66	MNKT-82	19.02.2015	53	261000692/19.2.15	3392.370	10.74	3.19	40.89	3894	5.22	40.03	3812	G12
67	MNKT-83	19.02.2015	57	261000693/19.2.15	3770.080	12.48	3.93	41.62	3922	6.43	40.54	3820	G12
68	MNKT-84	19.02.2015	53	261000694/19.2.15	3691.470	11.73	3.35	42.32	3836	5.93	41.19	3734	G12
69	MNKT-85	19.02.2015	59	261000695/20.2.15	3809.830	12.37	3.3	40.77	3829	5.43	39.87	3745	G12
70	MNKT-86	19.02.2015	59	261000696/20.2.15	3792.710	14.93	3.59	43.58	3943	5.18	42.86	3878	G12
71	MNKT-87	20.02.2015	55	261000697/20.2.15	3710.870	13.65	3.15	39.32	4056	5.26	38.46	3968	G12
72	MNKT-88	20.02.2015	58	261000698/20.2.15	3867.030	12.45	3.38	39.63	3786	4.90	39.01	3726	G12
73	MNKT-89	20.02.2015	57	261000699/21.2.15	3769.070	11.65	3.62	41.23	3800	5.12	40.59	3741	G12
74	MNKT-90	20.02.2015	55	261000700/21.2.15	3664.270	11.16	3.52	41.07	3963	5.40	40.27	3886	G12
75	MNKT-91	21.02.2015	59	261000701/21.2.15	3908.930	9.85	3.73	42.37	3830	5.51	41.59	3759	G12
76	MNKT-92	21.02.2015	57	261000702/21.2.15	3787.670	8.24	3.66	42.6	3819	5.76	41.67	3736	G12
77	MNKT-93	21.02.2015	54	261000703/22.2.15	3581.780	9.47	3.53	42.64	3796	5.75	41.66	3709	G12
78	MNKT-94	21.02.2015	59	261000704/22.2.15	3910.830	7.76	3.68	39.68	4026	5.82	38.80	3937	G12
79	MNKT-95	22.02.2015	57	261000705/22.2.15	3757.570	8.44	3.45	40.3	3985	5.77	39.33	3889	G12
80	MNKT-96	22.02.2015	53	261000706/22.2.15	3487.290	9.04	3.79	39.77	3987	5.73	38.97	3907	G12
81	MNKT-97	22.02.2015	59	241000018/22.2.15	3857.130	14.14	3.78	39.73	3936	5.88	38.86	3850	G12
82	MNKT-98	22.02.2015	57	261000707/23.2.15	3759.270	10.20	3.45	40.27	4006	5.75	39.31	3911	G12
83	MNKT-99	23.02.2015	52	261004898/23.2.15	3413.300	8.88	3.13	44.18	3805	5.75	42.99	3702	G12
84	MNKT-100	23.02.2015	59	261000709/23.2.15	3878.730	9.80	3.48	40.61	3995	5.54	39.74	3910	G12
85	MNKT-101	23.02.2015	56	261000711/24.2.15	3633.180	8.89	3.1	40.51	4051	6.01	39.29	3929	G12
86	MNKT-102	23.02.2015	52	261000710/24.2.15	3442.000	9.40	3.23	40.67	4047	4.72	40.04	3985	G12
87	MNKT-103	24.02.2015	59	261000712/24.2.15	3939.630	9.94	3.09	40.85	4058	5.79	39.71	3945	G12
88	MNKT-104	24.02.2015	56	261000713/24.2.15	3616.490	9.24	3.82	39.92	3964	5.6	39.18	3891	G12
89	MNKT-105	24.02.2015	59	261000714/25.2.15	3868.830	9.84	3.72	39.95	3751	4.20	39.75	3732	G12
90	MNKT-106	24.02.2015	55	261000715/25.2.15	3645.990	11.04	3.35	40.25	3759	4.60	39.73	3710	G12
91	MNKT-107	25.02.2015	59	261000717/25.2.15	3960.230	11.66	3.18	39.4	4036	4.88	38.71	3965	G12



INSPECTORATE  
Vasundhara, 3rd Floor  
2/7, Sarat Road

*[Handwritten signature]*



	MNKT-108	25.02.2015	55	2610007	25.2.15	3635.090	10.31	4.98	40.73	3971	5.03	40.71	3969	G12
	MNKT-109	25.02.2015	58	261000720	26.2.15	3818.740	11.82	3.28	42.5	38	4.47	41.98	3788	G12
94	MNKT-110	25.02.2015	59	261000718	26.2.15	3907.130	10.33	3.79	41.44	3766	4.79	41.01	3727	G12
95	MNKT-111	26.02.2015	55	261000719	26.2.15	3588.690	12.23	3.81	42.97	3753	4.65	42.59	3720	G12
96	MNKT-112	26.02.2015	57	261000721	26.2.15	3681.540	11.13	3.95	44.68	3727	4.46	44.44	3707	G12
97	MNKT-113	26.02.2015	59	261000722	27.2.15	3787.730	12.43	3.16	42.65	3762	4.13	42.22	3724	G12
98	MNKT-114	26.02.2015	55	261000723	27.2.15	3544.890	6.72	3.16	38.85	3505	3.87	38.57	3479	G13
99	MNKT-115	27.02.2015	57	261000724	27.2.15	3672.740	11.60	3.0	43.28	3862	4.82	42.47	3790	G12
100	MNKT-116	27.02.2015	59	261000725	28.2.15	3782.530	10.88	3.49	39.1	3820	5.33	38.35	3747	G12
101	MNKT-117	27.02.2015	55	261000726	28.2.15	3551.890	11.39	3.79	39.2	3901	5.02	38.70	3851	G12
102	MNKT-118	27.02.2015	57	261000727	28.2.15	3605.740	11.79	3.13	43.14	3860	5.06	42.28	3783	G12
103	MNKT-119	27.02.2015	59	261000728	28.2.15	3790.730	11.76	3.66	41.2	4032	4.94	40.65	3978	G12
104	MNKT-120	28.02.2015	55	262000729	28.2.15	3532.19	12.60	4.37	43.37	3779	4.3	43.40	3782	G12
105	MNKT-121	28.02.2015	57	261000730	28.2.15	3705.00	11.36	3.82	42.02	3892	4.49	41.73	3865	G12
106	MNKT-122	28.02.2015	59	261000731	01.3.15	3835.00	11.65	3.43	43.27	3968	4.83	42.64	3910	G12
107	MNKT-123	28.02.2015	55	261000732	01.3.15	3539.39	12.11	3.35	43.55	3959	4.73	42.93	3902	G12
Total	107 Rakes			Weighted Average		387560.090	11.78	3.58	41.53	3861	4.84	40.99	3810	G12

Signature of third Party Madhumilan De  
Name of the third party IGI



INSPECTORATE

INSPECTORATE  
Vasundhara, 3rd Floor  
2/7, Sarat Bose Road  
Kolkata - 700 020, India  
Tel. - +91 33 3951 6600  
www.inspectorate.co.in

*Only quality verified.*  
*ASHUTOSH SHANKER NALIN*

Signature of the NTPC Station  
Name.

ASHUTOSH SHANKER NALIN  
उप प्रबंधक (प्रचा. एवं अनु. / रसायन)  
Dy. Manager (O&M/Chemistry)  
एनटीपीसी लिमिटेड / तातचेर कनिहा  
Kaniha

Signature of the Coal Company  
Name (Optional).

- i Samples received for analysis werer sealed and jointly signed at Mine End.
- ii Proximate analysis has been done in accordance with BIS specification IS - 1350 (Part - I), 1984 & 1350 (Part - II) 1970 for determination of GCV
- iii Wagons statement and Checklists are enclosed.

Signature of third party:

Name of third Party:

Date:

Distribution

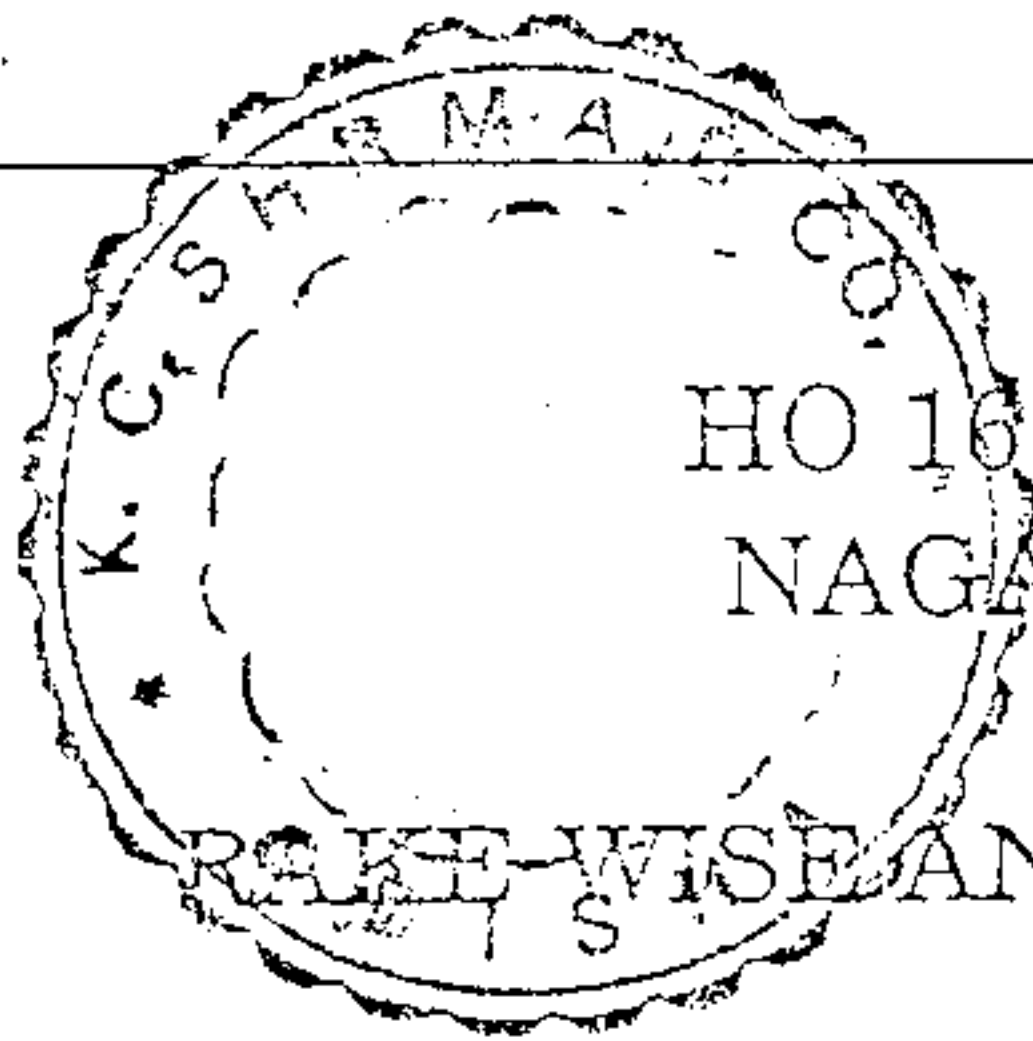
NTPC Station:

- (1) Head of Chemistry
- (2) Head of Fuel Management
- (3) GM (O & M)

Coal Company

- (1) Concerned Area GM
- (2) Office of the GM (QC) Coal Co
- (3) ASM/AQCM/AQM of the concerned area.





### K.C.SHARMA & CO

HO 16 ADVANCE APARTMENT PLOT NO:134 WARD 12/C LILASHA  
NAGAR,GANDHIDHAM(KUTCHH) 370201 PHONE NO-0283624300

Email:kcsc.odisha@gmail.com

FAKE-WISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING  
FEBRUARY - 2015

NAME OF COAL COMPANY: MCL, B.O.C.P., H.A.

Sl.No	Sample No:BOCP/SD G/JS	Date of sampling	SDG NO	RR NO	RR QTY IN MT	TM%	IM%	ASH%	GCV (K.CAL/K G)	GRADE
1	SMI-7	04-02-2015	IX	261000614	3637.83	12.56	6.19	40.62	3576	G-13
2	SMI-9	05-02-2015	IX	261000615	3533.73	12.69	6.06	40.43	3585	G-13
3	SMI-20	09-02-2015	IX	261000620	3519.72	12.37	6.2	40.35	3591	G-13
4	SMI-33	16-02-2015	IX	261000624	3468.47	12.51	6.21	40.57	3609	G-13
5	SMI-35	16-02-2015	IX	261000625	3196.26	12.56	6.13	40.66	3587	G-13
6	SMI-38	20-02-2015	IX	261000628	3638.39	12.27	6.15	40.54	3570	G-13
7	SMI-51	26-02-2015	IX	261000637	3312.64	12.48	6.2	40.6	3573	G-13

24307.04

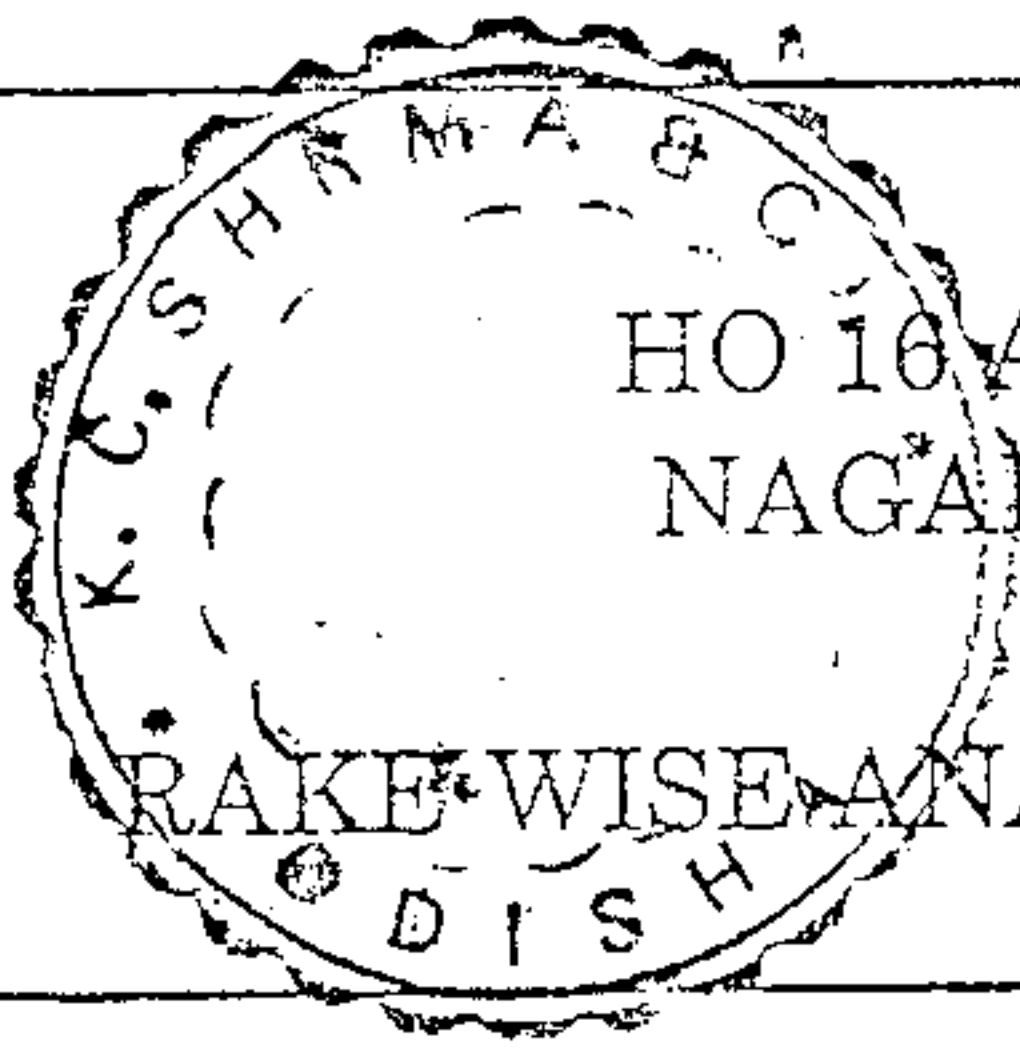
CHEMIST/ TI  
BALRAM OCP, HA  
MCL

CHEMIST. (T.I.)  
BALARAM O.C.P.

CHEMIST  
SMI (NTPC)







**K.C.SHARMA & CO**

HO 16 ADVANCE APARTMENT PLOT NO:134 WARD 12/C LILASHA  
NAGAR,GANDHIDHAM(KUTCHH) 370201 PHONE NO-0283624300

Email:kcsc.odisha@gmail.com

RAKE-WISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING  
**FEBRUARY** 2015

NAME OF COAL COMPANY: MCL , B O C P , H . A .

Sl.No	Sample No:BOCP/SD G/JS	Date of sampling	SDG NO	RR NO	RR QTY IN MT	TM%	IM%	ASH%	GCV (K.CAL/K G)	GRADE
1	TTPS-02	01-02-2015	IX	261000612	3492.19	12.60	6.11	40.50	3562	G-13
2	TTPS-18	10-02-2015	IX	261000621	3529.16	12.54	6.20	40.21	3589	G-13
3	TTPS-19	11-02-2015	IX	261000622	3277.34	12.49	6.04	40.69	3613	G-13

10298.69

TU/CHEMIST  
BALRAM OCP, HA T.I.  
CHEMIST.  
BALARAM O.C.P.

CHEMIST  
TTPS

