

# 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 - MAY 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			
						No.	Date					M%	Ash%	GCV	Grade
1	BOCM-VII	G-13	2.5.15	58	7\6	162000309	3.5.15	4043.40	STDV	2.5.15	10.6	5.2	40.8	3596.8	G-13
2	BOCM-VII	G-13	5.5.15	58	7\15	162000314	6.5.15	3528.00	STDV	5.5.15	10.2	5.6	40.6	3589.6	G-13
3	BOCM-II	G-13	6.5.15	57	2\16	162000316	7.5.15	3524.33	STDV	6.5.15	10.2	5.3	40.4	3622.4	G-13
4	BOCM-VII	G-13	6.5.15	59	7\17	162000336	7.5.15	3777.71	STDV	6.5.15	10.6	5.5	40.9	3578.6	G-13
5	BOCM-VII	G-13	10.5.15	58	7\28	162000323	11.5.15	3968.12	STDV	10.5.15	10.3	5.2	40.4	3626.5	G-13
6	BOCM-I	G-13	12.5.15	56	1\33	162000348	13.5.15	3528.84	STDV	12.5.15	10.4	5.9	41.5	3519.3	G-13
7	BOCM-VI	G-13	15.5.15	57	6\46	262000500	16.5.15	3711.33	STDV	15.5.15	9.8	5.2	40.1	3634.6	G-13
8	BOCM-II	G-13	19.5.15	58	2\51	162000362	20.5.15	3383.82	STDV	19.5.15	9.7	5.5	40.7	3590.5	G-13
9	BOCM-I	G-13	21.5.15	59	1\57	262010763	22.5.15	3505.88	STDV	21.5.15	9.8	5.4	40.1	3676.1	G-13
10	BOCM-II	G-13	21.5.15	59	2\56	162000366	22.5.15	3476.11	STDV	21.5.15	9.8	5.3	39.6	3695.2	G-13
<b>TOTAL</b>								<b>36447.54</b>							
<b>WEIGHTED AVERAGE</b>											<b>10.2</b>	<b>5.4</b>	<b>40.5</b>	<b>3612.7</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>4.7</b>						

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

Date:05.06.2015

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.quantity is based on provisional reports

1. Concerned Area SM(QC)

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

3.Office of Purchaser/Consumer.

Sign of Rep

NAME:

NAME OF COAL CO.

Sign of Rep

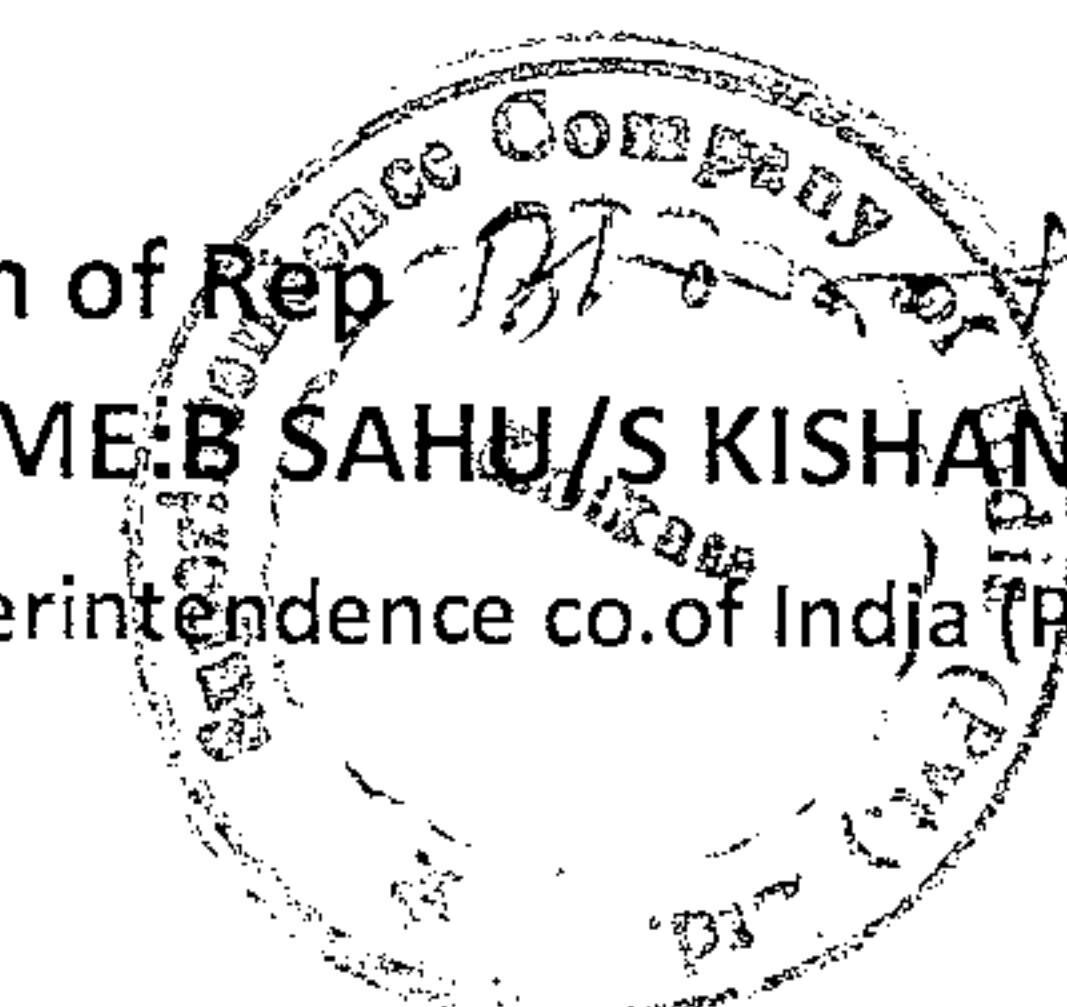
NAME:

NAME OF CONSUMER

Sign of Rep

NAME: B SAHU/S KISHAN

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 : wwwsuperintendence.com

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF MAY- 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	Analysis result on equilibrated condition of 60%RH 40* C			
						No.	Date				M%	Ash%	GCV	Grade
1	BOCM-VI	G-13	4.5.15	59	6\12	162000312	5.5.15	3591.51	SEBD	4.5.15	6.3	40.5	3554.6	G-13
2	BOCM-II	G-13	7.5.15	57	2\17	162000337	8.5.15	3454.51	SEBD	7.5.15	5.4	40.8	3569.2	G-13
3	BOCM-II	G-13	7.5.15	57	2\19	162000338	9.5.15	3481.64	SEBD	7.5.15	5.7	40.7	3579.2	G-13
4	BOCM-VI	G-13	7.5.15	58	6\21	162000318	9.5.15	3754.42	SEBD	7.5.15	6.0	40.4	3567.9	G-13
5	BOCM-II	G-13	12.5.15	58	2\29	142000021	13.5.15	3705.34	SEBD	12.5.15	6.3	41.3	3511.8	G-13
6	BOCM-II	G-13	16.5.15	58	2\22	162000331	17.5.15	3625.12	SEBD	16.5.15	6.1	40.7	3557.3	G-13
7	BOCM-I	G-13	19.5.15	57	1\52	162000361	20.5.15	3332.93	SEBD	19.5.15	6.0	40.6	3566.8	G-13
8	BOCM-II	G-13	23.5.15	56	2\58	162000367	24.5.15	3259.44	SEBD	23.5.15	6.0	39.6	3608.8	G-13
9	BOCM-II	G-13	28.5.15	59	2\70	162000374	29.5.15	3890.03	SEBD	28.5.15	6.2	40.8	3539.7	G-13
10	BOCM-II	G-13	29.5.15	59	2\73	162000376	30.5.15	3750.82	SEBD	29.5.15	6.1	41.0	3539.3	G-13
11	BOCM-II	G-13	30.5.15	59	2\75	162000378	31.5.15	3511.11	SEBD	30.5.15	6.1	40.8	3552.7	G-13
<b>TOTAL</b>								<b>39346.99</b>						
<b>WEIGHTED AVERAGE</b>											<b>6.0</b>	<b>40.7</b>	<b>3557.3</b>	

- Date-05-06-2015
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. quantity is based on provisional reports

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

Sign of Rep  
 NAME: *[Signature]*  
 NAME OF COAL CO. *[Stamp]*

Sign of Rep *Manoranjan Sen*  
 NAME: *Manoranjan Sen*  
 NAME OF CONSUMER

Sign of Rep *Bhaskar*  
 NAME: *B SAHU/S KISHAN*  
 Superintendence co.of India (P) Ltd





# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

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

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

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	30-04-2015	59	1	252000119	01-05-2015	3640.41	SEBD	01-05-2015	6.7	40.8	3540.8	G-13
2	LOCM - II	G-13	01-05-2015	59	3	162000140	02-05-2015	3630.11	SEBD	01-05-2015	6.2	42.0	3468.4	G-13
3	LOCM - II	G-13	02-05-2015	58	5	162000141	02-05-2015	3505.54	SEBD	02-05-2015	6.4	41.9	3491.1	G-13
4	LOCM - II	G-13	02-05-2015	58	7	162000142	03-05-2015	3450.38	SEBD	03-05-2015	6.5	41.4	3505.9	G-13
5	LOCM - II	G-13	03-05-2015	57	9	262001743	03-05-2015	3446.33	SEBD	03-05-2015	6.2	42.2	3456.6	G-13
6	LOCM - I	G-13	03-05-2015	58	12	162000199	04-05-2015	3490.48	SEBD	04-05-2015	6.5	41.9	3484.2	G-13
7	LOCM - II	G-13	04-05-2015	57	12	162000145	04-05-2015	3506.03	SEBD	04-05-2015	6.8	40.5	3577.3	G-13
8	LOCM - I	G-13	05-05-2015	59	18	162000201	05-05-2015	3612.83	SEBD	05-05-2015	6.7	40.8	3540.3	G-13
9	LOCM - I	G-13	06-05-2015	58	21	162000202	06-05-2015	3497.62	SEBD	06-05-2015	6.7	40.4	3552.4	G-13
10	LOCM - I	G-13	06-05-2015	58	24	162000204	07-05-2015	3674.74	SEBD	06-05-2015	6.6	41.0	3557.8	G-13
11	LOCM - II	G-13	09-05-2015	59	28	162000152	09-05-2015	3607.99	SEBD	09-05-2015	6.9	39.8	3604.5	G-13
12	LOCM - I	G-13	09-05-2015	59	35	462000100	10-05-2015	3547.29	SEBD	09-05-2015	6.8	40.4	3582.7	G-13
13	LOCM - I	G-13	10-05-2015	57	37	462000101	10-05-2015	3412.23	SEBD	10-05-2015	6.7	40.7	3552.7	G-13
14	LOCM - I	G-13	11-05-2015	57	40	162000210	11-05-2015	3404.53	SEBD	11-05-2015	6.8	40.9	3562.5	G-13
15	LOCM - II	G-13	11-05-2015	58	36	162000154	11-05-2015	3474.02	SEBD	11-05-2015	6.6	41.5	3517.6	G-13
16	LOCM - II	G-13	12-05-2015	58	40	262001745	12-05-2015	3556.02	SEBD	12-05-2015	7.0	39.7	3625.5	G-13
17	LOCM - I	G-13	13-05-2015	57	49	162000211	13-05-2015	3401.33	SEBD	13-05-2015	6.9	39.5	3598.9	G-13
18	LOCM - II	G-13	14-05-2015	59	47	162000158	15-05-2015	3595.44	SEBD	14-05-2015	6.3	40.9	3567.3	G-13
19	LOCM - II	G-13	15-05-2015	56	50	262001746	15-05-2015	3435.66	SEBD	15-05-2015	6.7	40.7	3535.1	G-13

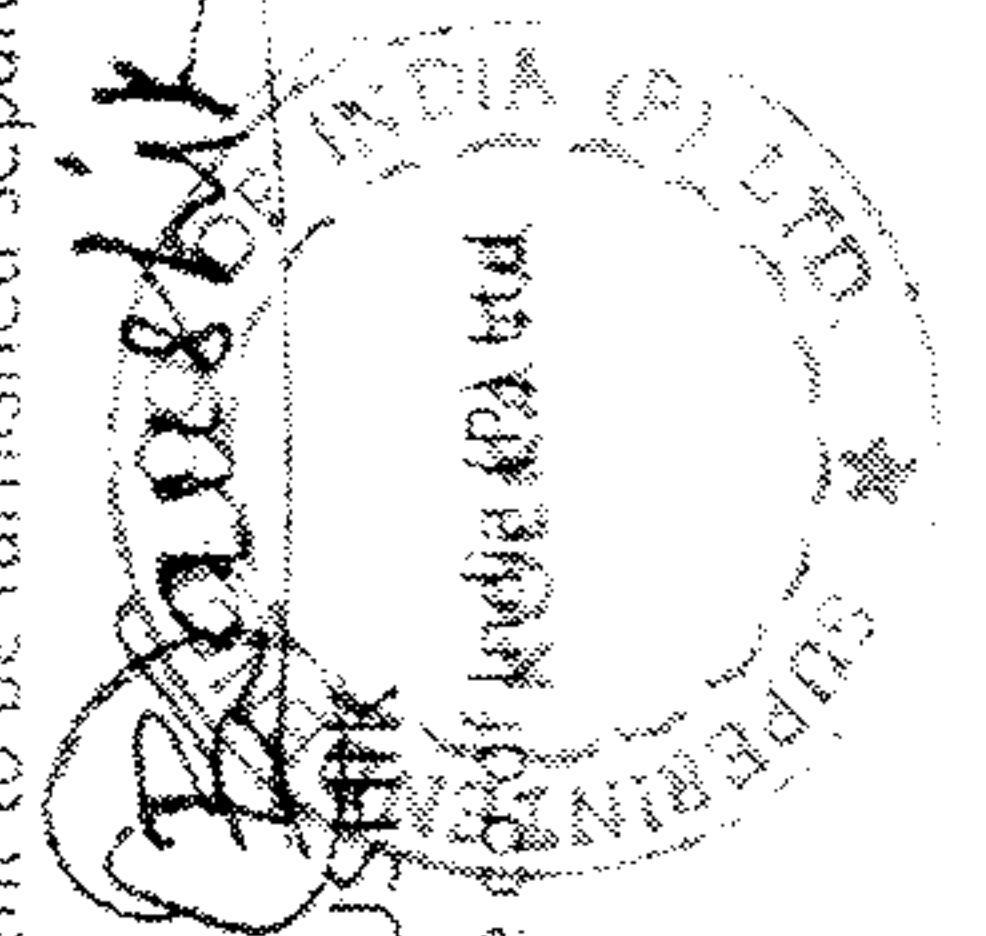
Date-05.06.2015

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.

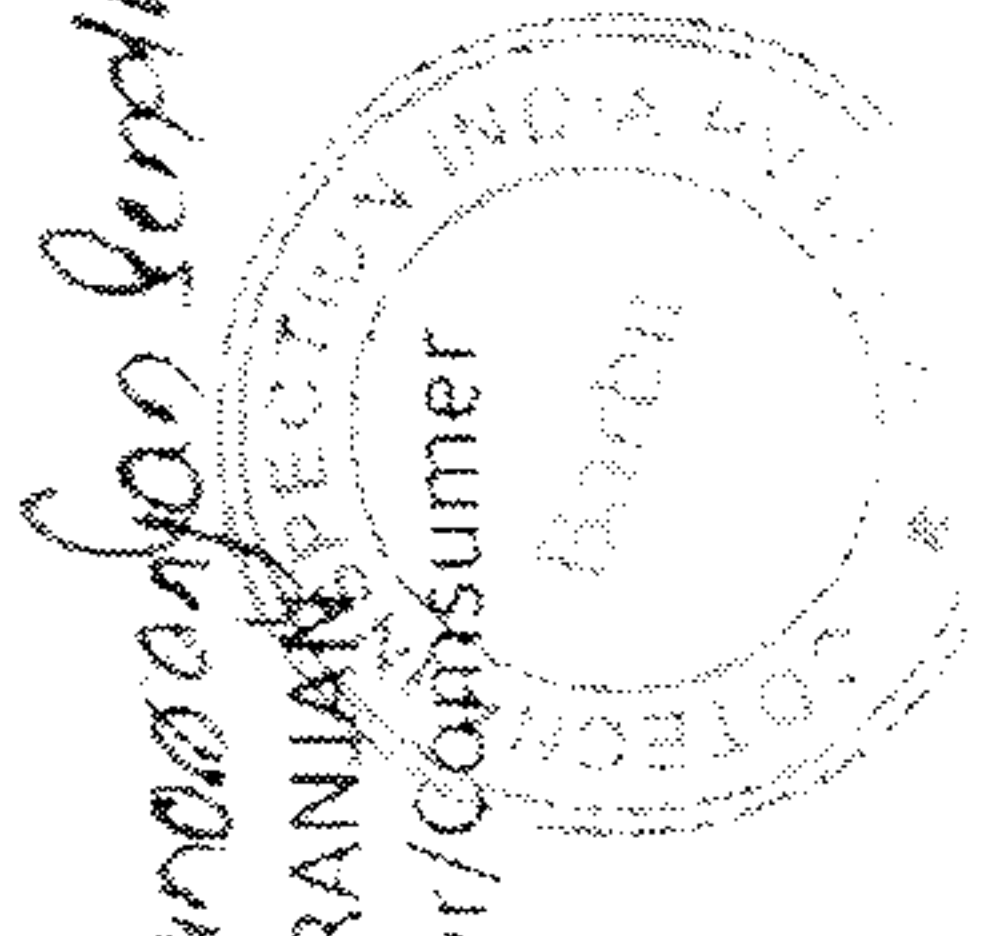
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1. Concerned Area SM(QC)  
 2. Office of the GM(QC)Coal Co.  
 3. Office of Purchaser/Consumer.

Sign of Rep. *B. KAUSHIK*  
 NAME: B. KAUSHIK  
 Superintendent



Sign of Rep. *Manoranjan Senatha*  
 Name: MANORANJAN  
 Name of Purchaser/Consumer





# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

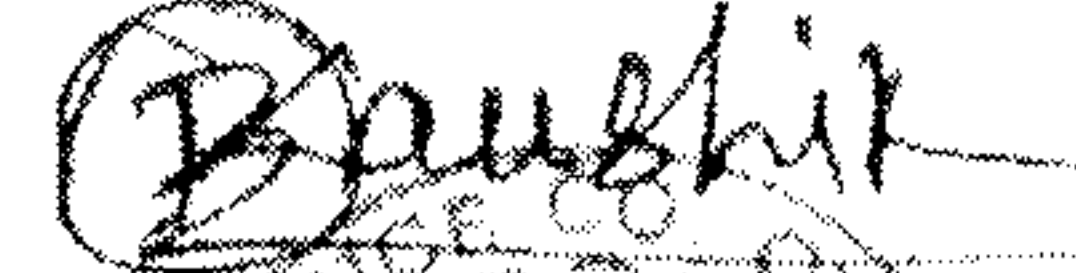
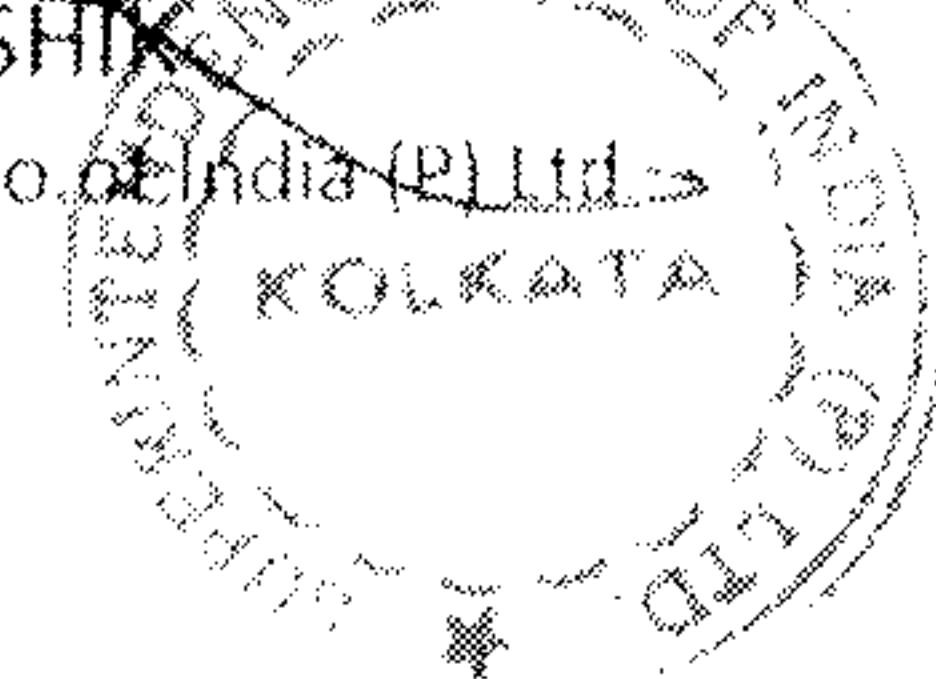
H.O. & Rrgd. Office : Chowringhee Road , Kolkata -700071, Tele -Fax : (033)2288-9051  
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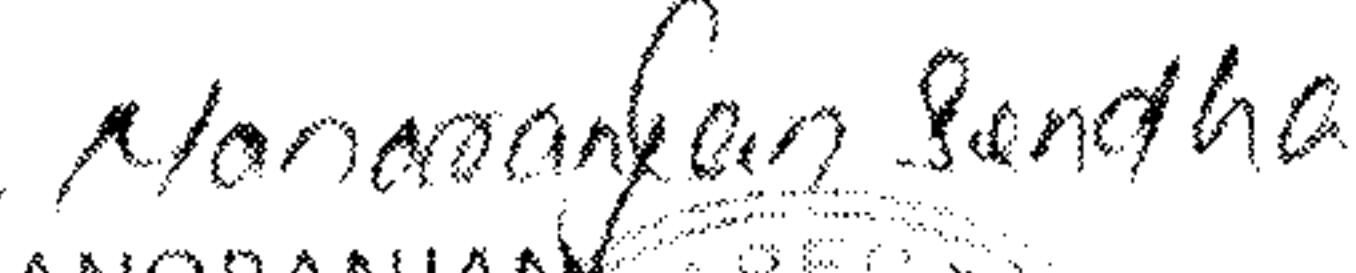

## RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF -MAY-2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

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
20	LOCM - I	G-13	16-05-2015	59	62	262006710	16-05-2015	3720.71	SEBD	16-05-2015	6.6	41.1	3526.2	G-13
21	LOCM - II	G-13	17-05-2015	56	57	262001747	17-05-2015	3351.84	SEBD	17-05-2015	6.4	41.3	3501.5	G-13
22	LOCM - II	G-13	17-05-2015	56	60	262001748	17-05-2015	3346.34	SEBD	18-05-2015	6.7	40.2	3562.0	G-13
23	LOCM - I	G-13	18-05-2015	56	71	242000408	19-05-2015	3451.64	SEBD	18-05-2015	6.9	40.7	3572.3	G-13
24	LOCM - I	G-13	19-05-2015	59	75	262006712	19-05-2015	3671.08	SEBD	19-05-2015	6.5	40.9	3567.4	G-13
25	LOCM - I	G-13	20-05-2015	56	80	162000219	21-05-2015	3487.64	SEBD	21-05-2015	6.6	40.6	3570.0	G-13
26	LOCM - I	G-13	22-05-2015	56	85	262006713	22-05-2015	3275.75	SEBD	22-05-2015	6.7	40.1	3593.1	G-13
27	LOCM - II	G-13	23-05-2015	56	80	162000166	23-05-2015	3352.34	SEBD	23-05-2015	6.6	40.8	3536.8	G-13
28	LOCM - II	G-13	24-05-2015	58	83	162000167	24-05-2015	3372.94	SEBD	24-05-2015	6.7	40.5	3568.4	G-13
29	LOCM - II	G-13	24-05-2015	53	84	262001757	24-05-2015	3217.77	SEBD	24-05-2015	6.6	41.0	3543.7	G-13
30	LOCM - II	G-13	24-05-2015	56	86	262001758	25-05-2015	3404.19	SEBD	25-05-2015	6.8	40.4	3584.3	G-13
31	LOCM - II	G-13	25-05-2015	58	89	262001759	25-05-2015	3582.52	SEBD	25-05-2015	7.0	39.8	3614.3	G-13
32	LOCM - I	G-13	26-05-2015	58	98	162000229	26-05-2015	3543.17	SEBD	26-05-2015	6.6	40.8	3550.2	G-13
33	LOCM - I	G-13	27-05-2015	58	103	262006715	27-05-2015	3534.23	SEBD	27-05-2015	6.4	41.2	3504.2	G-13
34	LOCM - II	G-13	28-05-2015	52	99	262001762	28-05-2015	3185.28	SEBD	28-05-2015	6.9	39.9	3600.0	G-13
35	LOCM - I	G-13	30-05-2015	59	114	162000236	30-05-2015	3769.91	SEBD	30-05-2015	6.4	42.4	3463.3	G-13
<b>TOTAL</b>								<b>122157.33</b>			<b>6.6</b>	<b>40.8</b>	<b>3547.6</b>	<b>G-13</b>
<b>WEIGHTED AVERAGE</b>											<b>6.6</b>	<b>40.8</b>	<b>3547.6</b>	<b>G-13</b>

- Date-05.06.2015
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 (P) Ltd.  


Sign of Rep.   
 Name : MANORANJAN  
 Name of Purcher/Consumer  




LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:MCL

ANALYSIS LABORATORY:JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 OC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	4	G-12	2-May-15	58/58	TPL-02	261009475		3701.12	TPL	2-May-15	11.84	6.41	40.05	3791	G12
2	3	G-12	3-May-15	59/56	TPL-03	261009487		3525.98	TPL	3-May-15	11.30	6.25	39.88	3849	G12
3	3	G-12	18-May-15	59/56	TPL-05	261009563		3567.34	TPL	18-May-15	12.10	6.33	39.48	3877	G12
4	4	G-12	18-May-15	59/59	TPL-06	261009573		3779.60	TPL	18-May-15	11.62	6.66	38.91	3892	G12
5	3	G-12	19-May-15	59/58	TPL-07	261009580		3558.91	TPL	19-May-15	11.34	6.53	38.65	3751	G12
6	2	G-12	20-May-15	59/57	TPL-08	261009588		3537.53	TPL	20-May-15	11.09	6.22	39.65	3811	G12
7	1	G-12	21-May-15	59/59	TPL-09	261009601		3520.15	TPL	21-May-15	10.57	6.37	39.29	3880	G12
8	2	G-12	21-May-15	59/58	TPL-10	261009607		3614.26	TPL	21-May-15	11.67	6.22	38.39	3985	G12
9	2	G-12	21-May-15	59/55	TPL-11	261009609		3487.04	TPL	21-May-15	11.75	6.69	38.95	3837	G12
10	2	G-12	23-May-15	59/59	TPL-12	261009614		3856.04	TPL	23-May-15	10.96	6.42	39.76	3727	G12
11	2	G-12	25-May-15	58/56	TPL-16	261009631		3483.44	TPL	25-May-15	11.86	6.58	39.67	3757	G12
12	4	G-12	26-May-15	59/59	TPL-18	261009633		3764.46	TPL	26-May-15	12.00	6.45	40.04	3743	G12
13	3	G-12	26-May-15	59/58	TPL-19	261009642		3622.28	TPL	26-May-15	11.45	6.39	39.59	3833	G12
14	2	G-12	27-May-15	59/59	TPL-20	261009649		3683.22	TPL	27-May-15	11.24	6.38	39.02	3851	G12
15	5	G-12	28-May-15	59/58	TPL-21	261008511		3248.52	TPL	28-May-15	11.60	6.51	40.00	3795	G12
16	4	G-12	29-May-15	59/54	TPL-22	261009663		3355.14	TPL	29-May-15	10.36	6.39	40.03	3843	G12
17	2	G-12	30-May-15	59/57	TPL-23	261009677		3626.55	TPL	30-May-15	11.54	6.28	39.99	3859	G12
18	3	G-12	31-May-15	59/59	TPL-24	261009680		3588.82	TPL	31-May-15	10.64	6.19	40.07	3870	G12
19	1	G-12	31-May-15	59/57	TPL-25	261009682		3632.33	TPL	31-May-15	11.84	6.55	39.00	3894	G12
20	5	G-12	31-May-15	58/58	TPL-26	261008529		3574.84	TPL	31-May-15	11.23	6.32	40.05	3808	G12

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-1)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.

Date

SIGNATURE OF REP. *S. RAY*  
NAME *SISHU KUMAR RAY*  
NAME OF PURCHASER/  
CONSUMER

SIGNATURE OF REP. *Divyendra Kumar Choudhary*  
NAME *K/C Sharma & Co.*  
NAME OF 3rd PARTY

- Distribution:Coal company
1. Concerned Area GM
  2. Office of the GM(QC)
  3. Office of Purchaser/Consumer



# COTECNA

CONTENA-INSPECTION INDIA PVT.LTD

Barbil-joda Highway AT/PO-serenda

Via-Barbail,Keonjhar odisa-758035,india

Email : cotech.bartul@cotecna.co.in

Rake wise (ir) analysis results of samples drawn by Cotecna inspection india pvt .ltd  
during the period of may 2015

SL NO	Date of Sampling	Sample No	R R QTY	RESULTS AT 60%RH&40C				
				TM%	M%	A%	GCV	Gr
1	1-May-15	JB-31	3130.00	12.06	6.01	40.32	3743	G12
2	2-May-15	JB-32	4650.00	11.95	5.98	41.47	3711	G12
3	3-May-15	JB-33	4600.00	12.45	6.45	39.08	3724	G12
4	4-May-15	JB-34	5120.00	11.47	5.86	40.28	3712	G12
5	5-May-15	JB-35	2900.00	10.63	6.30	39.50	3804	G12
6	6-May-15	JB-36	1280.00	11.39	5.92	40.25	3770	G12
7	7-May-15	JB-37	1720.00	11.69	6.18	41.64	3744	G12
8	8-May-15	JB-38	5000.00	12.02	6.02	41.61	3730	G12
9	9-May-15	JB-39	3200.00	11.07	5.96	39.96	3768	G12
10	10-May-15	JB-40	4100.00	10.83	6.10	39.99	3790	G12
11	11-May-15	JB-41	4100.00	11.14	6.18	41.01	3741	G12
12	12-May-15	JB-42	5000.00	10.86	6.30	41.02	3729	G12
13	13-May-15	JB-43	2900.00	10.45	5.96	39.98	3728	G12
14	14-May-15	JB-44	3010.03	13.69	6.72	40.92	3710	G12
15	15-May-15	JB-45	3838.55	12.75	6.10	39.51	3766	G12
16	16-May-15	JB-46	2598.02	11.97	6.10	41.51	3754	G12
17	17-May-15	JB-47	2712.40	11.39	6.25	41.40	3760	G12
18	18-May-15	JB-48	3450.00	12.87	6.14	39.62	3796	G12
19	19-May-15	JB-49	2606.00	11.06	6.12	39.73	3826	G12
20	20-May-15	JB-50	3304.00	12.36	5.86	41.26	3705	G12
21	21-May-15	JB-51	3884.00	11.87	6.11	40.55	3733	G12
22	22-May-15	JB-52	2600.00	10.98	6.52	39.40	3809	G12
23	23-May-15	JB-53	4746.00	11.25	6.26	40.03	3745	G12
24	24-May-15	JB-54	4470.00	10.74	5.95	40.54	3772	G12
25	25-May-15	JB-55	3510.00	11.48	6.25	40.97	3708	G12
26	26-May-15	JB-56	3200.00	11.09	6.11	40.47	3802	G12
27	27-May-15	JB-57	2217.00	10.92	6.39	39.84	3820	G12
28	28-May-15	JB-58	2267.00	11.39	6.07	41.07	3769	G12
29	29-May-15	JB-59	1776.00	11.62	5.62	40.03	3734	G12
30	30-May-15	JB-60	1723.00	11.47	5.69	40.26	3759	G12
31	31-May-15	JB-61	2027.00	10.86	5.96	40.21	3756	G12

Manini Sahoo  
Chemist,  
COTECNA.



**K C SHARMA & Co.**

H.O 16 Advance apartment Plot No. 134 Ward 12/C Lilashan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02836224300

Email kcsc.odisha@gmail.com,kcsc.dli@gmail.com

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF ..... MAY-2014

Annexure -IV

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:MCL

ANALYSIS LABORATORY:JAGANNATH COLLIERY

SL No	Name of Siding/Colliery>Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	TM%	Analysis result on equ.condition of 60%RH & 40 OC temp			
						No	Date					M%	A%	GCV	Gr
1	JB-31	G-12	1-May-15	NA	NA	NA		3130.00	TTPS	1-May-15	12.06	6.46	39.74	3729	G12
2	JB-32	G-12	2-May-15	NA	NA	NA		4650.00	TTPS	2-May-15	11.95	6.61	39.60	3780	G12
3	JB-33	G-12	3-May-15	NA	NA	NA		4600.00	TTPS	3-May-15	12.45	6.55	39.24	3820	G12
4	JB-34	G-12	4-May-15	NA	NA	NA		5120.00	TTPS	4-May-15	11.47	6.64	38.79	3839	G12
5	JB-35	G-12	5-May-15	NA	NA	NA		2900.00	TTPS	5-May-15	10.63	6.39	39.66	3743	G12
6	JB-36	G-12	6-May-15	NA	NA	NA		1280.00	TTPS	6-May-15	11.39	6.22	38.88	3860	G12
7	JB-37	G-12	7-May-15	NA	NA	NA		1720.00	TTPS	7-May-15	11.69	6.31	40.02	3793	G12
8	JB-38	G-12	8-May-15	NA	NA	NA		5000.00	TTPS	8-May-15	12.02	6.36	40.13	3723	G12
9	JB-39	G-12	9-May-15	NA	NA	NA		3200.00	TTPS	9-May-15	11.07	6.42	38.85	3859	G12
10	JB-40	G-12	10-May-15	NA	NA	NA		4100.00	TTPS	10-May-15	10.83	6.58	39.41	3770	G12
11	JB-41	G-12	11-May-15	NA	NA	NA		4100.00	TTPS	11-May-15	11.14	6.53	39.84	3711	G12
12	JB-42	G-12	12-May-15	NA	NA	NA		5000.00	TTPS	12-May-15	10.86	6.16	39.05	3807	G12
13	JB-43	G-12	13-May-15	NA	NA	NA		2900.00	TTPS	13-May-15	10.45	6.40	39.14	3840	G12
14	JB-44	G-12	14-May-15	NA	NA	NA		3010.03	TTPS	14-May-15	13.69	6.69	39.92	3808	G12
15	JB-45	G-12	15-May-15	NA	NA	NA		3838.55	TTPS	15-May-15	12.75	6.47	39.11	3927	G12
16	JB-46	G-12	16-May-15	NA	NA	NA		2598.02	TTPS	16-May-15	11.97	6.53	39.94	3726	G12
17	JB-47	G-12	17-May-15	NA	NA	NA		2712.40	TTPS	17-May-15	11.39	6.34	39.04	3885	G12
18	JB-48	G-12	18-May-15	NA	NA	NA		3450.00	TTPS	18-May-15	12.87	6.29	39.01	3856	G12
19	JB-49	G-12	19-May-15	NA	NA	NA		2606.00	TTPS	19-May-15	11.06	6.56	39.83	3782	G12
20	JB-50	G-12	20-May-15	NA	NA	NA		3304.00	TTPS	20-May-15	12.36	6.48	39.35	3831	G12
21	JB-51	G-12	21-May-15	NA	NA	NA		3884.00	TTPS	21-May-15	11.87	6.48	40.47	3806	G12
22	JB-52	G-12	22-May-15	NA	NA	NA		2600.00	TTPS	22-May-15	10.98	6.09	40.37	3760	G12
23	JB-53	G-12	23-May-15	NA	NA	NA		4746.00	TTPS	23-May-15	11.25	6.35	39.16	3885	G12
24	JB-54	G-12	24-May-15	NA	NA	NA		4470.00	TTPS	24-May-15	10.74	6.48	40.03	3803	G12
25	JB-55	G-12	25-May-15	NA	NA	NA		3510.00	TTPS	25-May-15	11.48	6.21	39.73	3804	G12
26	JB-56	G-12	26-May-15	NA	NA	NA		3200.00	TTPS	26-May-15	11.09	6.47	38.96	3908	G12
27	JB-57	G-12	27-May-15	NA	NA	NA		2217.00	TTPS	27-May-15	10.92	6.62	40.07	3769	G12



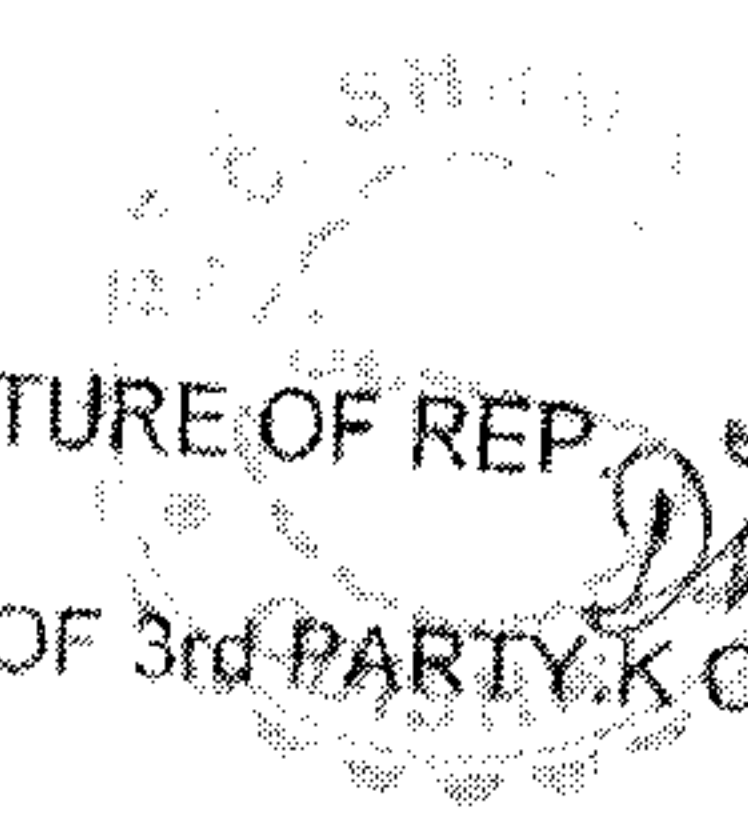
SL No	Name of Siding/Co liery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qunty as per R.R	Destination PHS/ Consumer	Sample collection date	TM%	Analysis result on equ. condition of 60%RH & 40 0C temp			
						No	Date					M%	A%	GCV	Gr
28	JB-58	G-12	28-May-15	NA	NA	NA		2267.00	TTPS	28-May-15	11.39	6.24	39.82	3859	G12
29	JB-59	G-12	29-May-15	NA	NA	NA		1776.00	TTPS	29-May-15	11.62	6.14	40.11	3744	G12
30	JB-60	G-12	30-May-15	NA	NA	NA		1723.00	TTPS	30-May-15	11.47	6.10	39.57	3890	G12
31	JB-61	G-12	31-May-15	NA	NA	NA		2027.00	TTPS	31-May-15	10.86	6.35	40.17	3771	G12

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-1)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.

Date

SIGNATURE OF REP.  
NAME  
NAME OF PURCHASE/  
CONSUMER

SIGNATURE OF REP.  
NAME  
NAME OF 3rd PARTY: K. G Sharma & Co.



*Dhirendra Kishan Sharma*

- Distribution: Coal company
1. Concerned Area GM
  2. Office of the GM(QC)
  3. Office of Purchaser/Consumer



**K C SHARMA & Co.**

H.O 16 Advance apartment Plot No. 134 Ward 12/C Lilashan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02836224300

Email kcsc.odisha@gmail.com,kcsc.dli@gmail.com

Annexure -IV

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:MCL

ANALYSIS LABORATORY:JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 0C temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	4	G-12	2-May-15	59/59	MGBK-01	261009470		3721.87	MGBK	2-May-15	12.03	6.33	39.61	3728	G12
2	4	G-12	4-May-15	56/55	MGBK-03	261009489		3539.27	MGBK	4-May-15	11.67	6.57	38.58	3866	G12
3	2	G-12	5-May-15	59/59	MGBK-05	261009496		3792.91	MGBK	5-May-15	10.85	5.94	39.11	3849	G12
4	5	G-12	8-May-15	59/57	MGBK-09	261008420		3785.23	MGBK	8-May-15	11.40	5.94	39.59	3755	G12
5	1	G-12	8-May-15	58/58	MGBK-08	261009513		3769.62	MGBK	8-May-15	10.96	5.88	40.50	3708	G12
6	1	G-12	9-May-15	59/59	MGBK-11	261009517		3807.23	MGBK	9-May-15	11.63	6.43	40.74	3730	G12
7	1	G-12	11-May-15	59/59	MGBK-14	261009522		3866.41	MGBK	11-May-15	11.69	5.81	40.11	3705	G12
8	4	G-12	12-May-15	59/59	MGBK-15	261009525		3676.32	MGBK	12-May-15	12.26	5.92	39.09	3832	G12
9	4	G-12	13-May-15	59/59	MGBK-16	261009526		3642.22	MGBK	13-May-15	12.55	6.18	39.28	3772	G12
10	4	G-12	13-May-15	59/59	MGBK-17	261009533		3764.65	MGBK	13-May-15	10.81	6.25	38.56	3976	G12
11	6	G-12	13-May-15	59/59	MGBK-18	261008440		3873.22	MGBK	13-May-15	11.84	6.32	38.71	3914	G12
12	4	G-12	4-May-15	58/58	MGBK-04	261009493		3708.82	MGBK	4-May-15	11.36	6.41	38.49	3927	G12
13	1	G-12	14-May-15	58/58	NMGBK-01	261009539		4157.20	MGBK	14-May-15	11.92	6.29	38.68	3917	G12
14	4	G-12	14-May-15	59/56	MGBK-19	261009540		3774.31	MGBK	14-May-15	12.12	6.03	39.19	3887	G12
15	2	G-12	15-May-15	59/59	MGBK-20	261009545		3796.33	MGBK	15-May-15	13.04	6.17	39.28	3897	G12
16	3	G-12	15-May-15	59/58	MGBK-21	261009549		3744.74	MGBK	15-May-15	12.54	6.33	40.09	3786	G12
17	4	G-12	16-May-15	59/59	MGBK-22	261009556		3785.81	MGBK	16-May-15	11.77	6.24	40.16	3791	G12
18	1	G-12	18-May-15	59/59	MGBK-26	261009575		3666.86	MGBK	18-May-15	12.19	6.02	38.79	3915	G12
19	2	G-12	19-May-15	59/59	MGBK-27	261009538		3798.75	MGBK	19-May-15	10.84	5.96	40.05	3789	G12
20	1	G-12	19-May-15	58/54	MGBK-28	261009584		3491.44	MGBK	19-May-15	11.55	6.11	39.06	3812	G12
21	4	G-12	20-May-15	59/57	MGBK-29	261009587		3650.37	MGBK	20-May-15	12.45	6.24	40.23	3768	G12
22	4	G-12	20-May-15	58/58	MGBK-30	261009593		3678.97	MGBK	20-May-15	12.95	6.34	40.00	3854	G12
23	4	G-12	21-May-15	59/58	MGBK-31	261009594		3566.35	MGBK	21-May-15	10.72	5.92	39.16	3884	G12
24	4	G-12	21-May-15	59/59	MGBK-32	261009596		3604.65	MGBK	21-May-15	11.59	6.05	38.62	3909	G12

*[Handwritten signatures]*

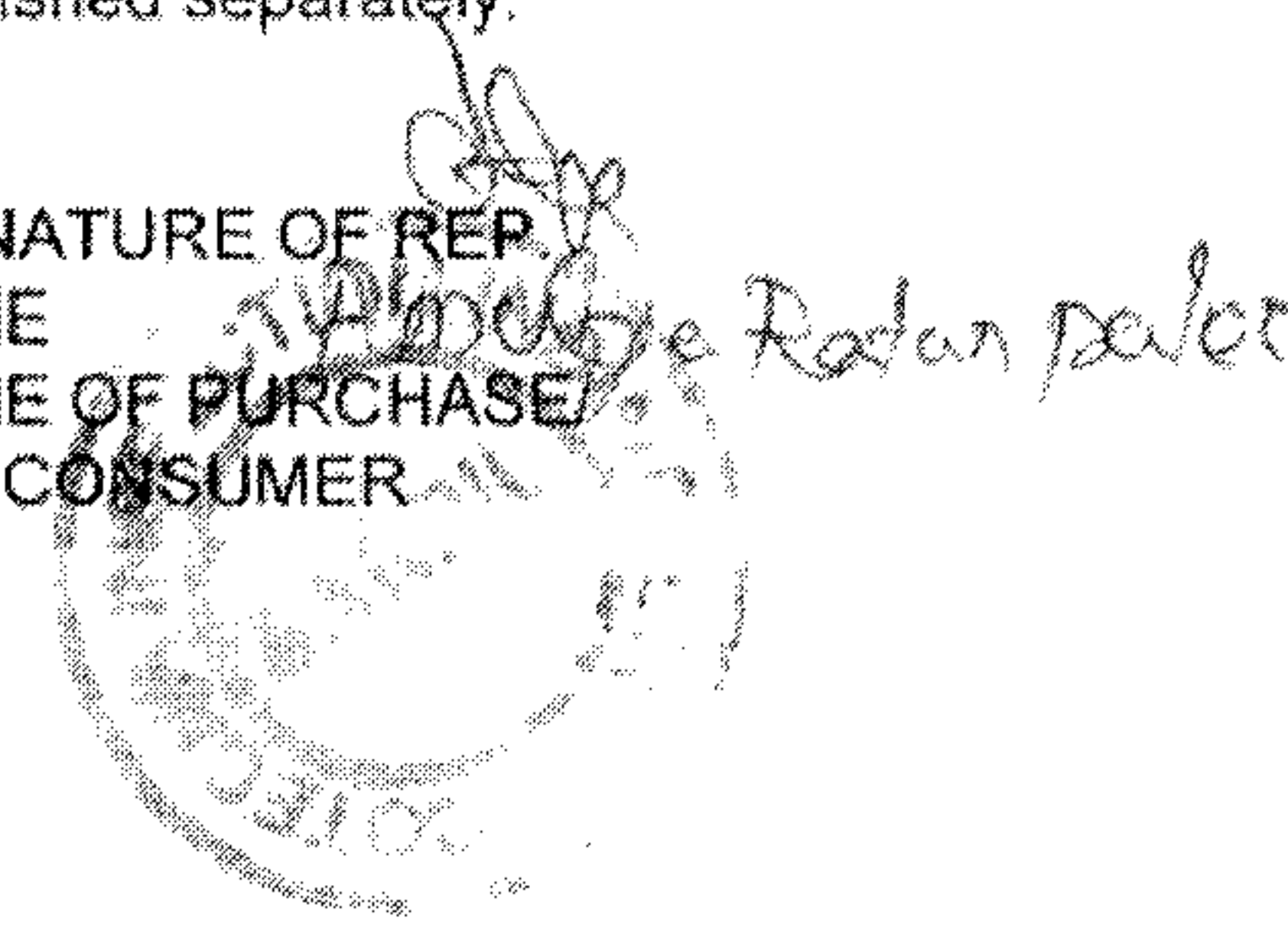


SL No	Name of Siding/Co liery>Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qunty as per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 0C temp				
						No	Date				TM%	M%	A%	GCV	Gr
25	3	G-12	22-May-15	59/59	MGBK-33	261009604		3695.16	MGBK	22-May-15	11.73	5.99	39.66	3859	G12
26	3	G-12	22-May-15	58/56	MGBK-34	261009608		3667.44	MGBK	22-May-15	10.97	6.43	38.49	3945	G12
27	3	G-12	23-May-15	59/59	MGBK-35	261009612		3655.15	MGBK	23-May-15	10.85	6.22	39.21	3879	G12
28	3	G-12	24-May-15	59/56	MGBK-38	261009623		3669.05	MGBK	24-May-15	10.78	6.39	38.86	3816	G12
29	4	G-12	24-May-15	59/56	MGBK-39	261009626		3674.85	MGBK	24-May-15	11.46	6.48	38.69	3912	G12
30	3	G-12	24-May-15	59/59	MGBK-40	261009629		3617.59	MGBK	24-May-15	10.83	5.95	40.05	3754	G12
31	4	G-12	27-May-15	58/58	MGBK-42	261009636		3744.67	MGBK	27-May-15	11.52	6.34	38.51	3949	G12
32	4	G-12	27-May-15	58/56	MGBK-44	261009646		3524.09	MGBK	27-May-15	11.79	6.22	39.63	3763	G12
33	1	G-12	27-May-15	58/58	NMGBK-02	261009650		3995.37	MGBK	27-May-15	11.85	6.14	40.05	3708	G12
34	3	G-12	28-May-15	59/58	MGBK-45	261009652		3722.35	MGBK	28-May-15	11.42	6.20	38.85	3882	G12
35	1	G-12	28-May-15	57/55	MGBK-46	261009657		3734.17	MGBK	28-May-15	10.62	6.52	39.84	3746	G12
36	3	G-12	29-May-15	59/59	MGBK-47	261009660		3837.11	MGBK	29-May-15	10.77	6.56	39.58	3784	G12
37	3	G-12	29-May-15	58/56	MGBK-48	261009664		3661.16	MGBK	29-May-15	11.86	6.41	40.04	3704	G12
38	1	G-12	30-May-15	59/59	MGBK-49	261009675		3771.81	MGBK	30-May-15	11.91	6.42	38.57	3924	G12
39	4	G-12	31-May-15	59/59	MGBK-50	261009671		3540.35	MGBK	31-May-15	11.37	6.56	39.39	3824	G12
40	4	G-12	31-May-15	59/59	MGBK-51	261009679		3781.41	MGBK	31-May-15	10.82	6.28	39.85	3736	G12

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-1)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.

Date

SIGNATURE OF REP  
NAME  
NAME OF PURCHASER/  
CONSUMER



SIGNATURE OF REP  
NAME  
NAME OF 3rd PARTY: K C Sharma & Co.

*Shivendra Kumar Chav*

- Distribution: Coal company
1. Concerned Area GM
  2. Office of the GM(QC)
  3. Office of Purchaser/Consumer



### K C SHARMA & Co.

H.O 16 Advance apartment Plot No. 134 Ward 12/C Lilashan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02836224300

Email kcsc.odisha@gmail.com, kcsc.dli@gmail.com

Annexure -IV

#### RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF ...MAY-2015

#### LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:MCL

ANALYSIS LABORATORY:JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 0C temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	2	G-12	1-May-15	59/58	HEBS-16	212001204		3669.12	HEBS	1-May-15	11.23	6.28	40.16	3810	G12
2	5	G-12	3-May-15	59/59	HEBS-01	212001386		3777.01	HEBS	3-May-15	10.98	6.39	38.93	3981	G12
3	2	G-12	8-May-15	57/56	HEBS-02	212001205		3469.94	HEBS	8-May-15	11.59	6.28	39.66	3831	G12
4	2	G-12	10-May-15	59/59	HEBS-03	212001206		3769.25	HEBS	10-May-15	11.32	6.42	40.11	3758	G12
5	3	G-12	11-May-15	58/54	HEBS-04	212001208		3406.50	HEBS	11-May-15	10.93	6.62	40.15	3802	G12
6	3	G-12	15-May-15	58/57	HEBS-06	212001210		3743.96	HEBS	15-May-15	10.88	6.35	40.31	3855	G12
7	4	G-12	20-May-15	59/56	HEBS-08	212001211		3425.35	HEBS	20-May-15	10.87	6.57	39.60	3834	G12
8	4	G-12	22-May-15	58/57	HEBS-09	212001212		3673.53	HEBS	22-May-15	11.94	6.43	40.20	3763	G12
9	3	G-12	23-May-15	53/47	HEBS-10	212001215		3045.38	HEBS	23-May-15	11.85	6.47	38.82	3864	G12
10	5	G-12	25-May-15	56/56	NHEBS-01	212501394		3288.79	HEBS	25-May-15	10.87	6.19	39.13	3908	G12
11	1	G-12	26-May-15	58/58	NHEBS-02	212000212		4045.40	HEBS	26-May-15	11.32	6.39	40.44	3767	G12
12	3	G-12	27-May-15	58/58	HEBS-11	212001219		3844.58	HEBS	27-May-15	11.59	6.39	38.96	3908	G12
13	2	G-12	28-May-15	58/57	HEBS-12	212001221		3632.63	HEBS	28-May-15	11.23	6.64	39.85	3797	G12
14	5	G-12	29-May-15	59/58	NHEBS-03	212001396		3914.02	HEBS	29-May-15	10.98	6.51	38.65	3922	G12

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-1)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.

Date

SIGNATURE OF REP.  
NAME  
NAME OF PURCHASER  
CONSUMER

SIGNATURE OF REP.  
NAME  
NAME OF 3rd PARTY: K C Sharma & Co.



*Dhirendra Kumar Sahoo*

Distribution: Coal company  
1. Concerned Area GM  
2. Office of the GM(QC)

N.B.!

Consumer Representative (HEBS/SGS and PMA HD)  
participated on sampling & analysis of  
HEBS-08, 12, 11 & NHEBS-02, 03



**K C SHARMA & Co.**

H.O 16 Advance apartment Plot No. 134 Ward 12/C Lilashan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02836224300

Email kcsc.odisha@gmail.com,kcsc.dli@gmail.com

Annexure -IV

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:MCL

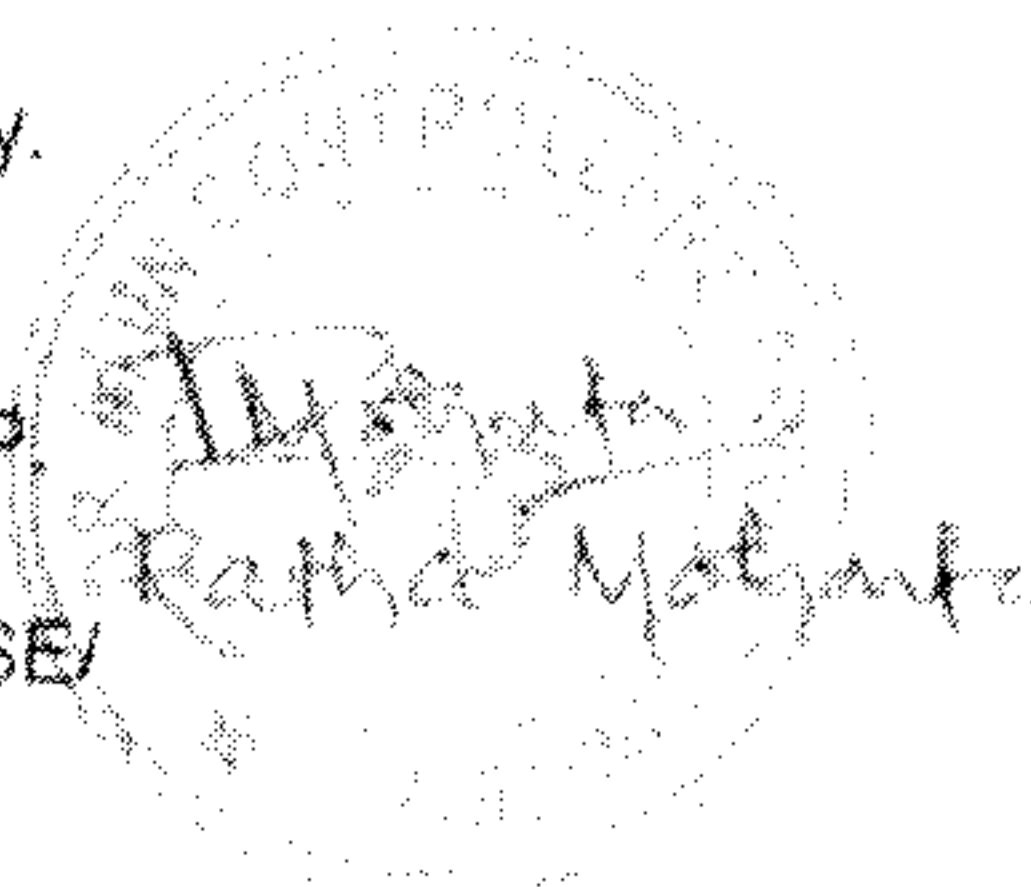
ANALYSIS LABORATORY:JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qunty as per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 OC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	6	G-12	8-May-15	59/58	MTSS-01	212001389		3887.48	MTSS	8-May-15	12.11	5.32	38.26	3936	G12
2	1	G-12	10-May-15	57/57	MTSS-02	212001207		3861.90	MTSS	10-May-15	10.89	5.36	40.47	3857	G12
3	5	G-12	12-May-15	55/55	MTSS-03	212001391		3872.50	MTSS	12-May-15	11.28	5.66	39.48	3927	G12
4	6	G-12	13-May-15	59/59	MTSS-04	212001392		3941.42	MTSS	13-May-15	11.04	5.26	39.20	3985	G12
5	5	G-12	14-May-15	59/59	MTSS-05	212001393		3998.69	MTSS	14-May-15	11.53	5.86	39.08	3957	G12
6	1	G-12	22-May-15	58/58	MTSS-06	212001213		4024.70	MTSS	22-May-15	10.88	5.34	41.06	3822	G12
7	1	G-12	24-May-15	59/59	MTSS-07	212001214		3858.56	MTSS	24-May-15	10.25	6.04	40.67	3854	G12
8	2	G-12	25-May-15	59/59	MTSS-08	212001216		3996.44	MTSS	25-May-15	10.56	5.96	40.96	3839	G12
9	6	G-12	29-May-15	58/58	MTSS-09	212001395		4009.70	MTSS	29-May-15	10.05	5.68	39.80	3850	G12

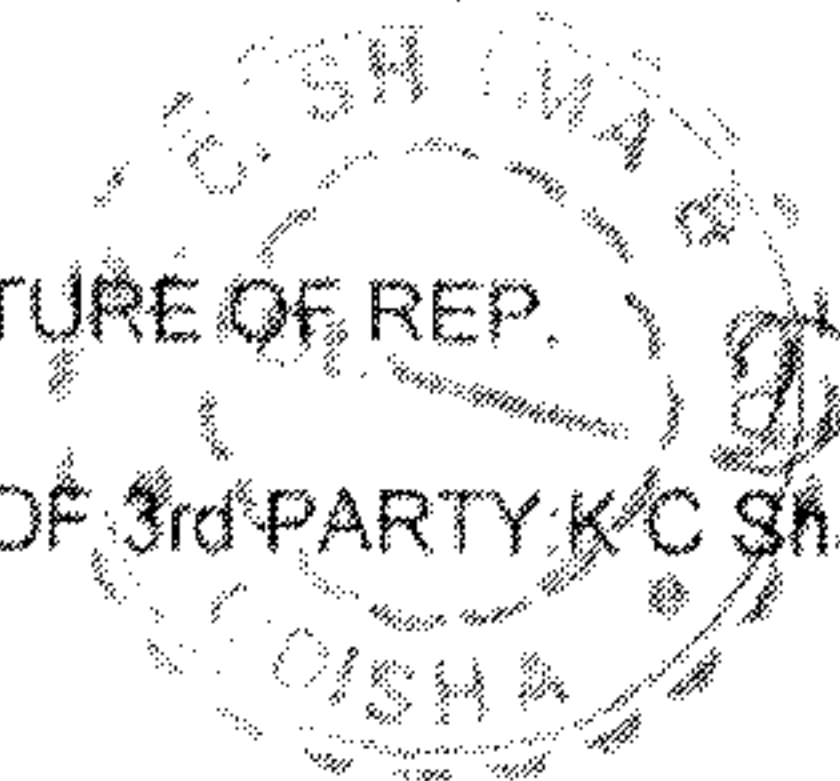
- 1.Samples received for analysis were sealed and jointly signed at loading ends.
- 2.Proximate analysis has been done in accordance with BIS specification is 1350 (Part-1)1984 & IS 1350(Part-II) 1970 for determination of GCV.
- 3.Wagons statement are enclosed.
- 4.For Road,Ropeway,Belt,Pipe line etc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

Date

SIGNATURE OF REP.  
NAME  
NAME OF PURCHASER/  
CONSUMER



SIGNATURE OF REP.  
NAME  
NAME OF 3rd PARTY:K C Sharma & Co.



*Dhirendra Kumar*

Distribution:Coal company

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



**K C SHARMA & Co.**

H.O 16 Advance apartment Plot No. 134 Ward 12/C Lilashan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02836224300  
Email kcsc.odisha@gmail.com,kcsc.dli@gmail.com

Annexure -IV

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF ..... MAY-2015  
LOADING END ANALYSIS REPORT FOR DISTRIBUTION  
NAME OF COAL COMPANY:MCL  
ANALYSIS LABORATORY:JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 OC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	6	G-12	1-May-15	56/55	SEBD-02	262002398		3492.37	SEBD	1-May-15	12.07	6.56	39.29	3751	G12
2	1	G-12	2-May-15	59/59	SEBD-03	261009474		3750.79	SEBD	2-May-15	11.89	6.49	39.07	3837	G12
3	2	G-12	2-May-15	59/59	SEBD-07	261009481		3727.38	SEBD	2-May-15	10.71	6.57	38.42	3922	G12
4	5	G-12	2-May-15	59/58	SEBD-04	261008394		3757.09	SEBD	2-May-15	11.22	6.35	39.23	3765	G12
5	5	G-12	2-May-15	59/59	SEBD-05	261008396		3757.11	SEBD	2-May-15	12.01	6.50	38.89	3813	G12
6	6	G-12	3-May-15	59/58	SEBD-08	261008403		3737.62	SEBD	3-May-15	11.92	6.62	39.58	3747	G12
7	5	G-12	3-May-15	59/59	SEBD-10	261008405		3840.11	SEBD	3-May-15	11.75	6.44	38.60	3893	G12
8	2	G-12	4-May-15	59/59	SEBD-11	261009490		3607.53	SEBD	4-May-15	10.84	6.55	39.12	3839	G12
9	4	G-12	5-May-15	59/57	SEBD-12	261009498		3645.73	SEBD	5-May-15	12.11	6.34	39.50	3833	G12
10	5	G-12	5-May-15	59/55	SEBD-13	261008411		3568.24	SEBD	5-May-15	11.86	6.58	39.67	3757	G12
11	5	G-12	5-May-15	59/59	SEBD-14	261008410		3846.29	SEBD	5-May-15	10.96	6.47	38.57	3948	G12
12	1	G-12	7-May-15	59/59	SEBD-15	261009509		3700.24	SEBD	7-May-15	11.62	5.91	39.69	3816	G12
13	5	G-12	8-May-15	59/59	SEBD-16	261008421		3764.51	SEBD	8-May-15	10.84	5.85	38.63	3958	G12
14	6	G-12	9-May-15	59/59	SEBD-18	261008424		3703.93	SEBD	9-May-15	11.59	5.98	39.05	3972	G12
15	5	G-12	10-May-15	59/59	SEBD-20	261008432		3930.73	SEBD	10-May-15	11.47	6.19	38.98	3835	G12
16	5	G-12	13-May-15	59/58	SEBD-21	261008435		3863.72	SEBD	13-May-15	12.33	6.22	39.29	3803	G12
17	6	G-12	13-May-15	59/59	SEBD-22	261008437		4020.54	SEBD	13-May-15	11.95	6.02	38.73	3920	G12
18	2	G-12	14-May-15	58/58	SEBD-24	261009544		3741.45	SEBD	14-May-15	11.54	5.82	38.52	3973	G12
19	2	G-12	18-May-15	59/58	SEBD-28	261009567		3620.18	SEBD	18-May-15	12.11	6.15	39.73	3759	G12
20	4	G-12	18-May-15	58/56	SEBD-29	261009569		3569.44	SEBD	18-May-15	11.83	5.98	38.89	3892	G12
21	4	G-12	19-May-15	58/53	SEBD-31	261009578		3406.67	SEBD	19-May-15	11.81	6.51	38.31	3962	G12
22	1	G-12	20-May-15	59/59	SEBD-33	261009591		3984.88	SEBD	20-May-15	12.86	6.32	40.50	3747	G12
23	2	G-12	21-May-15	59/58	SEBD-34	261009598		3682.12	SEBD	21-May-15	11.42	6.26	38.46	3928	G12
24	2	G-12	21-May-15	58/58	SEBD-35	261009600		3566.58	SEBD	21-May-15	12.28	6.18	38.83	3874	G12
25	3	G-12	22-May-15	59/59	SEBD-36	261009603		3684.81	SEBD	22-May-15	11.67	5.84	40.06	3780	G12
26	1	G-12	23-May-15	59/58	SEBD-38	261009613		3771.81	SEBD	23-May-15	10.96	6.50	39.16	3810	G12
27	1	G-12	24-May-15	59/59	SEBD-39	261009618		3744.11	SEBD	24-May-15	11.65	6.43	39.81	3769	G12
28	2	G-12	26-May-15	59/57	SEBD-42	261009638		3571.99	SEBD	26-May-15	11.78	6.04	38.54	3929	G12
29	3	G-12	27-May-15	58/55	SEBD-43	261009645		3476.22	SEBD	27-May-15	11.44	6.31	39.01	3881	G12
30	3	G-12	29-May-15	59/58	SEBD-46	261009667		3574.06	SEBD	29-May-15	10.67	5.96	39.80	3850	G12
31	5	G-12	31-May-15	59/57	SEBD-47	261008528		3713.43	SEBD	31-May-15	11.46	6.44	39.84	3775	G12

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-1)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.

Date

SIGNATURE OF REP. *[Signature]*  
NAME: *Amubra Ratan Patel*  
NAME OF PURCHASER/  
CONSUMER

SIGNATURE OF REP. *[Signature]*  
NAME: *Dhirendra Kumar Lakho*  
NAME OF 3rd PARTY: K C Sharma & Co.

- Distribution: Coal company
1. Concerned Area GM
  2. Office of the GM(QC)
  3. Office of Purchaser/Consumer



**COTECNA**

CONTENA INSPECTION INDIA PVT.LTD

Baliyara Highway, AT/PO-serenda

Via-Barbail, Keonjhar, odisa-758035, india

E-mail: cotech.barbil@cotecna.co.in

Rake wise (ir) analysis results of samples drawn by Cotecna inspection india pvt .ltd  
during the period of may 2015

SL NO	Date of Sampling	Sdg	Sample No	No of Box	C.Rake No	R. R. No.	R R QTY	RESULTS AT 60%RH&40C				
								TM%	M%	A%	GCV	Gr
1	1-May-15	5	TTPS-01	59/59	1	261008390	3705.63	12.56	6.14	39.51	3782	G12
2	1-May-15	3	TTPS-02	59/57	4	261009469	3534.65	12.78	5.92	40.56	3739	G12
3	2-May-15	1	TTPS-04	59/59	9	261009482	3854.71	11.98	6.46	39.25	3732	G12
4	2-May-15	6	TTPS-03	59/53	14	261008395	3329.61	12.39	6.15	41.28	3715	G12
5	3-May-15	5	TTPS-05	58/58	25	261008401	3662.03	12.31	6.40	40.38	3733	G12
6	4-May-15	3	TTPS-07	57/53	18	261009495	3410.31	11.78	6.20	41.44	3725	G12
7	5-May-15	3	TTPS-08	58/58	20	261009497	3680.22	12.00	6.02	39.80	3784	G12
8	5-May-15	2	TTPS-09	59/57	21	261009501	3694.87	12.13	5.91	40.15	3754	G12
9	8-May-15	3	TTPS-11	58/55	31	261009512	3395.55	11.77	6.50	40.19	3738	G12
10	11-May-15	4	TTPS-15	59/59	44	261009524	3766.02	11.36	5.71	40.52	3750	G12
11	12-May-15	2	TTPS-16	59/59	41	241000587	3775.21	12.21	6.03	41.52	3742	G12
12	13-May-15	4	TTPS-17	59/59	55	261009531	3752.81	10.85	5.82	40.65	3757	G12
13	13-May-15	4	TTPS-18	59/59	59	261009534	3772.87	11.40	6.45	39.62	3716	G12
14	15-May-15	4	TTPS-20	59/55	69	261009548	3460.75	12.68	6.33	39.62	3816	G12
15	16-May-15	6	TTPS-21	59/55	142	261008449	3575.00	11.96	5.97	39.93	3767	G12
16	18-May-15	3	TTPS-22	58/58	79	261009560	3596.30	13.45	6.58	39.91	3724	G12
17	18-May-15	3	TTPS-23	59/58	85	261009564	3703.42	12.09	5.97	41.58	3758	G12
18	20-May-15	1	TTPS-27	59/59	72	261009589	3737.70	11.76	6.26	40.10	3755	G12
19	22-May-15	3	TTPS-29	59/56	111	261009597	3429.54	11.29	5.98	40.56	3712	G12
20	24-May-15	4	TTPS-31	59/58	126	261009621	3808.28	10.78	5.85	40.31	3718	G12
21	24-May-15	6	TTPS-32	58/56	209	261008488	3640.00	11.65	6.25	41.09	3705	G12
22	25-May-15	6	TTPS-33	58/55	213	261008489	3572.00	11.08	6.00	40.56	3786	G12
23	26-May-15	5	TTPS-34	58/57	224	261008494	3705.00	10.68	4.34	41.42	3808	G12
24	27-May-15	2	TTPS-35	59/57	95	261009643	3691.33	11.43	6.39	40.15	3805	G12

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25	27-May-15	5	TTPS-36	59/58	238	261008505	3770.00	10.97	6.19	40.89	3780	G12
26	28-May-15	3	TTPS-37	59/59	154	261009653	3711.90	10.72	5.32	40.02	3786	G12
27	29-May-15	2	TTPS-38	59/59	103	261009666	3711.82	10.54	5.65	40.41	3777	G12
28	30-May-15	4	TTPS-39	58/56	164	261009665	3525.64	10.36	5.22	40.97	3794	G12
29	30-May-15	3	TTPS-40	58/56	167	261009670	3456.64	10.38	5.83	40.22	3819	G12
30	31-May-15	1	TTPS-41	59/55	109	261009676	3627.19	11.69	6.09	40.96	3758	G12

Manini Sahoo  
 Chemist,  
 COTECNA.



**K C SHARMA & Co.**

H.O 16 Advance apartment Plot No. 134 Ward 12/C Lilashan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02836224300

Email kcsc.odisha@gmail.com,kcsc.dli@gmail.com

Annexure -IV

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

NAME OF COAL COMPANY:MCL

ANALYSIS LABORATORY:JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/ Consumer	Sample collection date	TM%	Analysis result on equ. condition of 60%RH & 40 0C temp			
						No	Date					M%	A%	GCV	Gr
1	5	G-12	1-May-15	59/59	TTPS-01	261008390		3705.63	TTPS	1-May-15	12.56	6.64	39.58	3781	G12
2	3	G-12	1-May-15	59/57	TTPS-02	261009469		3534.65	TTPS	1-May-15	12.78	6.32	39.59	3834	G12
3	1	G-12	2-May-15	59/59	TTPS-04	261009482		3854.71	TTPS	2-May-15	11.98	6.44	39.92	3766	G12
4	6	G-12	2-May-15	59/53	TTPS-03	261008395		3329.61	TTPS	2-May-15	12.39	6.29	39.34	3845	G12
5	5	G-12	3-May-15	58/58	TTPS-05	261008401		3662.03	TTPS	3-May-15	12.31	6.51	39.02	3788	G12
6	3	G-12	4-May-15	57/53	TTPS-07	261009495		3410.31	TTPS	4-May-15	11.78	6.39	39.03	3897	G12
7	3	G-12	5-May-15	58/58	TTPS-08	261009497		3680.22	TTPS	5-May-15	12.00	6.45	39.86	3735	G12
8	2	G-12	5-May-15	59/57	TTPS-09	261009501		3694.87	TTPS	5-May-15	12.13	6.29	39.44	3833	G12
9	3	G-12	8-May-15	58/55	TTPS-11	261009512		3395.55	TTPS	8-May-15	11.77	6.47	39.91	3718	G12
10	4	G-12	11-May-15	59/59	TTPS-15	261009524		3766.02	TTPS	11-May-15	11.36	6.33	39.18	3841	G12
11	2	G-12	12-May-15	59/59	TTPS-16	241000587		3775.21	TTPS	12-May-15	12.21	6.25	38.79	3907	G12
12	4	G-12	13-May-15	59/59	TTPS-17	261009531		3752.81	TTPS	13-May-15	10.85	6.48	39.94	3711	G12
13	4	G-12	13-May-15	59/59	TTPS-18	261009534		3772.87	TTPS	13-May-15	11.40	6.54	39.65	3735	G12
14	4	G-12	15-May-15	59/55	TTPS-20	261008548		3460.75	TTPS	15-May-15	12.68	6.29	40.07	3786	G12
15	6	G-12	16-May-15	59/55	TTPS-21	261008449		3575.00	TTPS	16-May-15	11.96	6.32	39.27	3890	G12
16	3	G-12	18-May-15	58/58	TTPS-22	261009560		3596.30	TTPS	18-May-15	13.45	6.52	40.14	3825	G12
17	3	G-12	18-May-15	59/58	TTPS-23	261009564		3703.42	TTPS	18-May-15	12.09	6.25	39.01	3898	G12
18	1	G-12	20-May-15	59/59	TTPS-27	261009589		3737.70	TTPS	20-May-15	11.76	6.34	39.65	3874	G12
19	3	G-12	22-May-15	59/56	TTPS-29	261009597		3429.54	TTPS	22-May-15	11.29	6.55	38.87	3928	G12
20	4	G-12	24-May-15	59/58	TTPS-31	261009621		3808.28	TTPS	24-May-15	10.78	6.33	40.59	3743	G12
21	6	G-12	24-May-15	58/56	TTPS-32	261008488		3640.00	TTPS	24-May-15	11.65	6.44	39.74	3818	G12
22	6	G-12	25-May-15	58/55	TTPS-33	261008489		3572.00	TTPS	25-May-15	11.08	6.52	38.46	3982	G12
23	5	G-12	26-May-15	58/57	TTPS-34	261008494		3705.00	TTPS	26-May-15	10.68	6.47	39.96	3801	G12
24	2	G-12	27-May-15	59/57	TTPS-35	261009643		3691.33	TTPS	27-May-15	11.43	6.25	39.08	3883	G12



SL No	Name of Siding/Coalery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	TM%	Analysis result on equ. condition of 60%RH & 40 0C temp					
						No	Date					M%	A%	GCV	Gr		
25	5	G-12	27-May-15	59/58	TTPS-36												
26	3	G-12	28-May-15	59/59	TTPS-37	261008505		3770.00	TTPS	27-May-15	10.97	6.42	40.28	3768	G12		
27	2	G-12	29-May-15	59/59	TTPS-38	261009653		3711.90	TTPS	28-May-15	10.72	6.32	40.05	3808	G12		
28	4	G-12	30-May-15	58/56	TTPS-39	261009666		3711.82	TTPS	29-May-15	10.54	6.14	40.04	3806	G12		
29	3	G-12	30-May-15	58/56	TTPS-40	261009665		3525.64	TTPS	30-May-15	10.36	6.31	39.02	3905	G12		
30	1	G-12	31-May-15	59/55	TTPS-41	261009670		3456.64	TTPS	30-May-15	10.38	6.22	39.75	3850	G12		
						261009676		3627.19	TTPS	31-May-15	11.69	6.35	40.14	3795	G12		

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-1)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.  
Date

SIGNATURE OF REP.  
NAME  
NAME OF PURCHASE/

SIGNATURE OF REP.  
NAME  
NAME OF 3rd PARTY: K.C. Sharma & Co.

*Shivendra Kumar Ch.*

- Distribution: Coal company
1. Concerned Area GM
  2. Office of the GM(QC)
  3. Office of Purchaser/Consumer



LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY: - MCL

AREA: - BHARATPUR AREA

ANALYSIS LABORATORY ... COAL ANALYSIS LABORATORY, BHARATPUR PROJECT, (BA) MCL.

S L O	Name of siding/ colliery/ Loading point	Sized and decla red GCW Gr	Date of Loading	No. of Wgs	Rake No./ Sample No.	Railway Receipt		Qty in MT. as per RR	Destination PHS/ Consumer	Sample Collection date	T.M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
						No.	Date					Moist %	Ash %	GCW in Kcal/Kg	Grade
1	08	412	1.5.15	56	01	261005168	1.5.15	3487.70	SEBD	1.5.15	11.59	6.49	38.74	3854	412
2	07	412	2.5.15	59	06	261005172	2.5.15	3722.55	SEBD	2.5.15	11.02	6.53	38.98	3834	412
3	08	412	3.5.15	59	09	261005178	3.5.15	3763.83	SEBD	3.5.15	11.48	6.26	39.53	3782	412
4	07	412	8.5.15	59	17	261005203	8.5.15	3651.51	SEBD	8.5.15	12.02	6.49	39.35	3750	412
5	07	412	9.5.15	58	19	261005207	9.5.15	3362.83	SEBD	9.5.15	12.28	6.37	39.37	3807	412
6	07	412	13.5.15	59	01	241000310	13.5.15	3764.64	SEBD-N	13.5.15	10.45	6.43	38.72	3866	412
7	07	412	13.5.15	59	02	261005216	13.5.15	3700.12	SEBD-N	13.5.15	10.78	6.42	39.79	3758	412
8	08	412	14.5.15	59	23	261005219	14.5.15	3711.13	SEBD	14.5.15	10.76	6.44	39.58	3790	412
9	07	412	15.5.15	59	25	241000311	15.5.15	3735.31	SEBD	15.5.15	10.56	6.06	39.86	3774	412
10	07	412	16.5.15	55	26	261005230	16.5.15	3378.36	SEBD	16.5.15	10.43	6.13	39.64	3802	412
11	08	412	17.5.15	59	27	261005231	17.5.15	3518.67	SEBD	17.5.15	11.11	6.24	39.98	3756	412
12	08	412	19.5.15	55	30	261005236	19.5.15	3492.05	SEBD	19.5.15	11.36	6.35	39.14	3797	412
13	07	412	20.5.15	59	32	261005241	20.5.15	3896.88	SEBD	20.5.15	11.93	6.07	39.69	3759	412
14	07	412	22.5.15	59	37	261005248	22.5.15	3884.62	SEBD	22.5.15	11.79	6.06	38.71	3774	412
15	07	412	25.5.15	59	40	261005260	25.5.15	3524.25	SEBD	25.5.15	11.20	6.38	39.47	3761	412

SIGNATURE OF REP

NAME: - B. N. Balnani

NAME OF COAL COMPANY: Coal Manager (TMT)

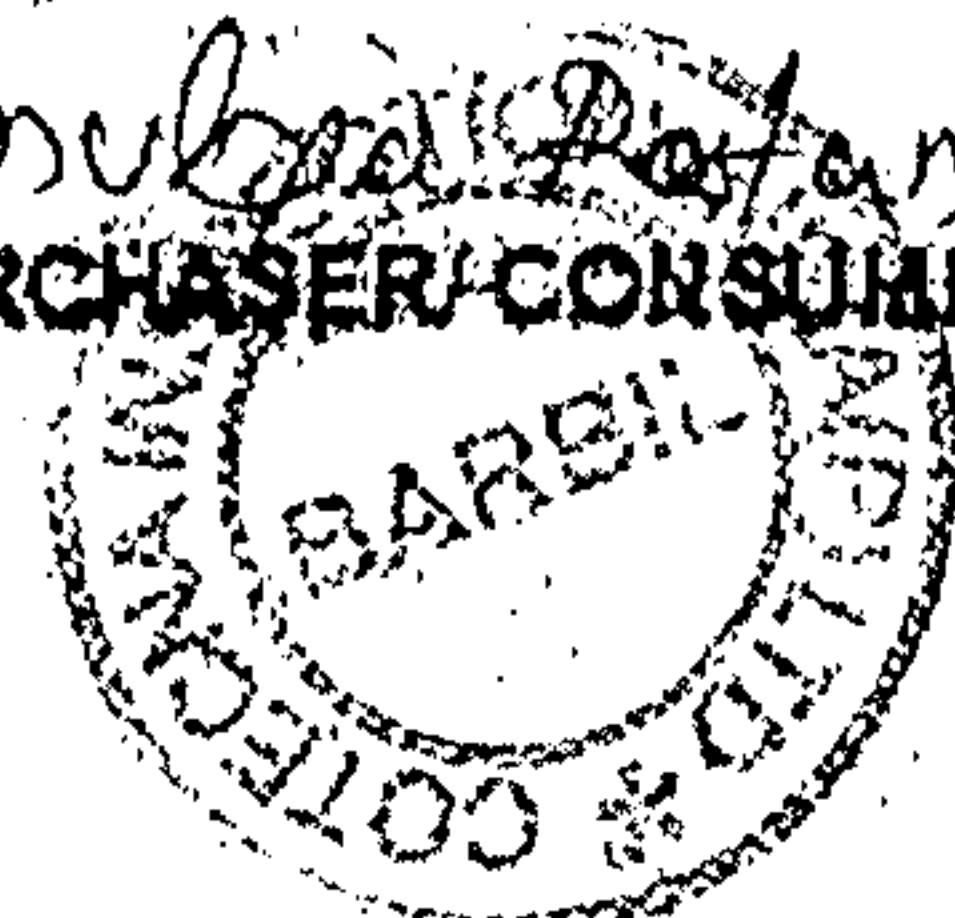
Distribution: Coal Company

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

SIGNATURE OF REP

NAME: - Amulraj Pratap Patel

NAME OF PURCHASER/CONSUMER



SIGNATURE OF REP

NAME: - K. C. Sharma

NAME OF 3<sup>rd</sup> PARTY: K. C. Sharma & Co



LOADING END ANALYSIS REPORT FOR DISTRIBUTION

AREA: - BHARATPUR AREA

NAME OF COAL COMPANY:- MCL

ANALYSIS LABORATORY :- COAL ANALYSIS LABORATORY, BHARATPUR PROJECT, (BA) MCL

S L N O	Name of siding / colliery / Loading point	Sized and declared GCV/Gr	Date of Loading	No. of Wgs	Rake No./ Sample No.	Railway Receipt		Qty In MT. as per RR	Destination PHS/ Consumer	Sample Collection date	T.M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
						No.	Date					Moist %	Ash %	GCV in K-Cal/Kg	Grade
16	07	G12	26.5.15	59	41	261005263	26.5.15	3630.22	SEBD	26.5.15	11.58	6.31	39.47	3742	G12
17	07	G12	28.5.15	59	44	261005270	28.5.15	3827.55	SEBD	28.5.15	11.92	5.97	39.11	3807	G12
18	08	G12	28.5.15	58	45	261005273	28.5.15	3614.89	SEBD	28.5.15	11.73	6.10	39.10	3759	G12
						Total Qty IN MT -		65667.11							

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-1) 1984 & IS 1350 (Part-II) 1970 for determination of GCV.
3. Wagons statement is enclosed.

Date

*[Signature]*

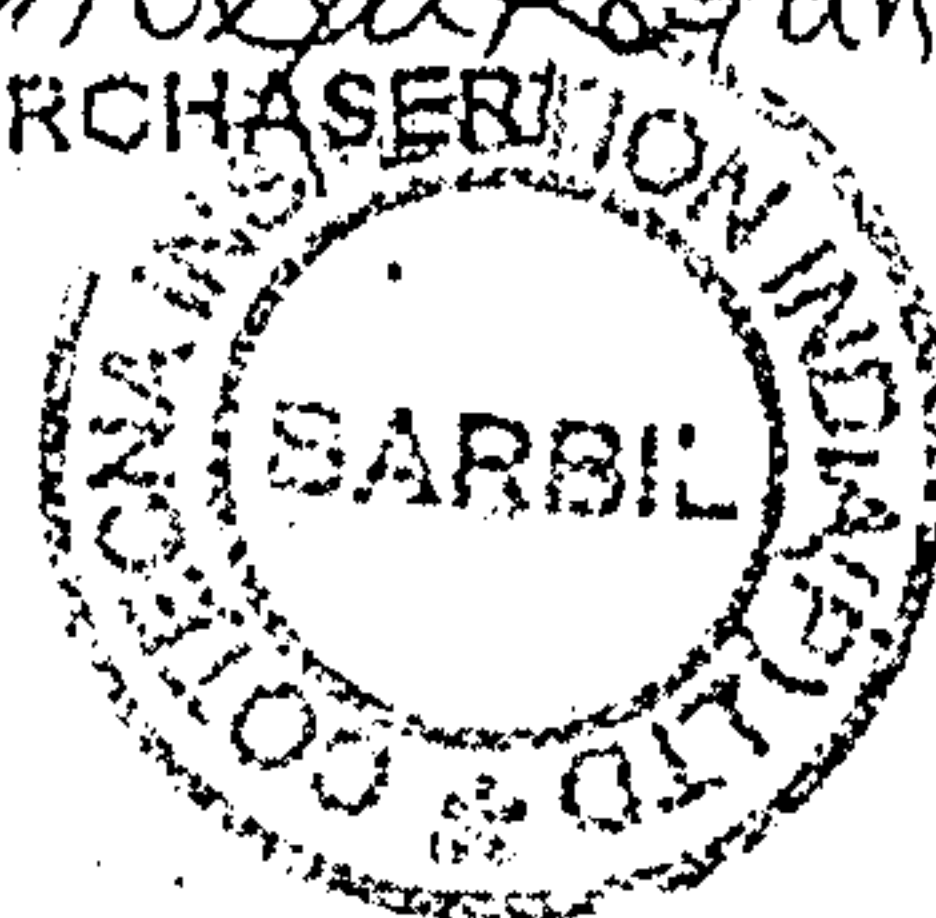
SIGNATURE OF REP  
NAME:- B.N. Patra

NAME OF COAL COMPANY  
Manager (TM)

Distribution: Coal Company

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

SIGNATURE OF REP  
NAME:- Ambar Ratan Patel  
NAME OF PURCHASER/CONSUMER



*[Signature]*

SIGNATURE OF REP  
NAME:- Holbedan Prade  
NAME OF 3<sup>rd</sup> PARTY K C Sharma & Co.



# COAL ANALYSIS LABORATORY

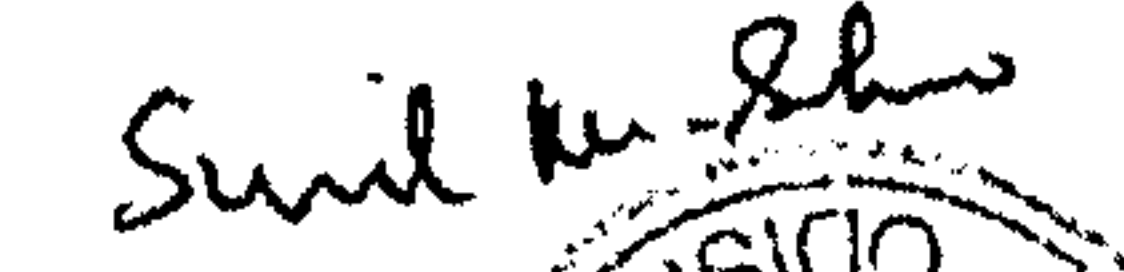
## BHARATPUR PROJECT ,BHARATPUR AREA , M.C.L.

RECONCILE STATEMENT OF BHARATPUR OCP AND NTPC , SIMHADRI ( SMI ) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 7 & 8.

FOR THE MONTH OF :-APRIL-2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT					NTPC SHIMADRI ( COTECNA ) ANALYSIS RESULT					REMARKS
					TM%	IM%	ASH%	GCV	GRADE	TM%	IM%	ASH%	GCV	GRADE	
1	SMI-10	7	3.5.2015	3412.27	11.66	6.04	40.13	3754	G-12	11.96	5.98	40.18	3739	G-12	
2	SMI-14	8	5.5.2015	3472.79	11.50	6.12	41.73	3719	G-12	12.11	6.55	40.95	3749	G-12	
3	SMI-15	8	5.5.2015	3366.47	12.07	5.98	41.65	3780	G-12	11.44	5.91	41.99	3766	G-12	
4	SMI-18	7	7.5.2015	3419.17	10.67	6.37	41.09	3705	G-12	11.58	6.00	41.70	3712	G-12	
5	SMI-20	8	8.5.2015	3331.06	11.29	6.57	40.45	3755	G-12	11.20	6.59	40.42	3729	G-12	
6	SMI-27	8	10.5.2015	3632.28	11.50	6.02	40.31	3731	G-12	11.26	5.99	40.64	3732	G-12	
7	SMI-36	7	13.5.2015	3603.34	11.43	6.16	40.00	3743	G-12	11.58	6.16	40.24	3734	G-12	
8	SMI-38	8	15.5.2015	3535.92	12.18	6.34	40.45	3727	G-12	12.47	6.31	40.71	3708	G-12	
9	SMI-42	7	16.5.2015	3329.87	10.67	6.42	40.32	3721	G-12	11.26	6.42	40.42	3716	G-12	
10	SMI-45	8	19.5.2015	3187.60	11.65	6.16	40.58	3786	G-12	10.96	6.04	40.53	3748	G-12	
11	SMI-46	8	20.5.2015	3744.65	11.23	6.27	40.18	3749	G-12	11.16	6.20	40.74	3719	G-12	
12	SMI-50	8	24.5.2015	2936.62	11.00	6.08	40.29	3762	G-12	11.02	5.99	40.30	3741	G-12	
13	SMI-52	7	24.5.2015	3201.27	10.67	5.76	39.85	3744	G-12	10.94	4.90	40.52	3746	G-12	
14	SMI-53	8	25.5.2015	3383.62	11.59	6.42	40.78	3718	G-12	11.42	5.98	40.18	3742	G-12	
15	SMI-59	8	27.5.2015	2867.27	11.41	6.19	40.29	3758	G-12	11.49	5.91	41.28	3740	G-12	
16	SMI-61	8	28.5.2015	3448.64	11.65	6.01	40.45	3778	G-12	11.70	6.12	41.26	3746	G-12	
17	SMI-64	7	30.5.2015	3613.02	11.12	6.07	39.31	3759	G-12	11.36	6.58	41.43	3703	G-12	

  
 REPRESENTATIVE  
 NTPC , SIMHADRI (COTECNA)

  
 REPRESENTATIVE  
 MCL , BPR (K C SHARMA & CO)



# COAL ANALYSIS LABORATORY

## BHARATPUR PROJECT, BHARATPUR AREA, M.C.L.


RECONCILE STATEMENT OF BHARATPUR OCP AND NTPC, TTPS ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 7 & 8.

FOR THE MONTH OF :-MAY--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT				NTPC T T P S (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
1	TTPS- 06	7	4.05.2015	3639.57	12.81	6.33	38.77	3769	G-12	6.36	40.09	3744	G-12	
2	TTPS- 10	8	7.05.2015	3661.04	12.33	6.32	39.09	3760	G-12	5.98	40.64	3755	G-12	
3	TTPS- 12	8	9.05.2015	3617.32	12.06	6.62	39.06	3761	G-12	5.92	40.90	3739	G-12	
4	TTPS- 13	8	9.05.2015	3450.93	11.83	6.44	39.16	3782	G-12	5.89	41.86	3756	G-12	
5	TTPS- 14	8	10.05.2015	3704.07	12.58	6.44	39.75	3807	G-12	6.90	40.25	3762	G-12	
6	TTPS- 19	7	15.05.2015	3638.74	11.81	6.06	38.71	3774	G-12	6.79	40.12	3727	G-12	
7	TTPS- 25	7	19.05.2015	3484.82	10.92	5.96	39.80	3800	G-12	5.90	40.78	3729	G-12	


REPRESENTATIVE  
NTPC, TTPS  
(COTECNA)

*Chetan Suresh*



*Smit K. Reddy*

REPRESENTATIVE  
MCL, BPR (K.C SHARMA & Co)

















NTPC-TALCHER/MNKY-66/19.5.15/LOCF-2	19.052015	56	261001044/20.5.15	3382.050	10.50	3.13	39.94	120	6.50	38.55	3977	G12
NTPC-TALCHER/MNKY-67/19.5.15/LOCF-2	19.052015	55	261001045/20.5.15	3494.850	11.00	3.16	39.8	130	6.61	38.38	3983	G12
NTPC-TALCHER/MNKY-68/20.5.15/LOCF-2	20.052015	59	261001047/20.5.15	3886.910	10.80	3.43	39.6	850	6.45	38.36	3826	G12
NTPC-TALCHER/MNKY-69/20.5.15/LOCF-2	20.052015	58	261001046/20.5.15	3600.600	9.90	3.40	40.27	097	6.34	39.04	3914	G12
NTPC-TALCHER/MNKY-70/20.5.15/LOCF-2	20.052015	58	261001048/20.5.15	3481.050	9.70	3.83	40.93	852	6.23	39.91	3853	G12
NTPC-TALCHER/MNKY-71/20.5.15/LOCF-2	20.052015	59	261001049/21.5.15	3763.010	10.00	3.07	41.82	077	6.17	40.48	3947	G12
NTPC-TALCHER/MNKY-72/20.5.15/LOCF-2	20.052015	52	261001050/21.5.15	3602.150	10.20	3.79	39.89	103	6.53	38.75	3986	G12
Total Rows = 43			Wt/Average	153363.020	10.57	3.42	40.21	1053	6.38	38.98	3928	G12

*Blasjit Day*  
09-06-15



INSPECTORATE  
Vasudhara, 3rd Floor  
2/7, Sarat Bose Road  
Kolkata - 700 020, India  
Tel. - +9133 3851 6600  
www.inspectorate.co.in

*Quality to be received*

Signature of the NTPC station  
Name

*from MGR.*

Signature of the Coal Company  
Name

Signature of third Party: Blasjit Day  
Name of the third party: M/S Inspectorate

- I Samples received for analysis were sealed and jointly signed at the End.
- II Proximate analysis has been done in accordance with BIS specification IS - 1350 (Part - I), 1381 & 1310 (Part - II) 1970 for determination of GCV
- III Wagon statement and Checklists are enclosed.

Signature of third party:  
Name of third Party:  
Date:  
Distribution

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

NTPC Station:

*Ashutosh*  
आशुतोष शंकर लिन  
ASHUTOSH SHANKER LIN  
उप प्रबंधक (प्रचा. एवं अनु. / प्रबन्ध)  
Dy. Manager (O&M/Chemistry)  
एनटीपीसी लिमिटेड / तालचंदरनिहा

- Coal Company: NTPC Limited / Talcher India
- (1) Concerned Area GM
- (2) Office of the GM (QC) Coal Co
- (3) ASW/AQCM/AQM of the concern area.

*Received*  
*10/6/15*

















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 FROM 01.05.2015 TO 10.05.2015  
 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. MOISTURE%	EQ. ASH%	EQ. GCV(Kcal/Kg)		
1	NTPC-TALCHER/MGR-01 TO 10/1.5.15/KOCP	01.05.2015	20431.54	10.28	3.24	38.20	4123	6.28	37.00	3993	G12	
2	NTPC-TALCHER/MGR-01 TO 13 /2.5.15/KOCP	02.05.2015	26361.76	11.36	3.26	40.29	4006	6.29	39.03	3881	G12	
3	NTPC-TALCHER/MGR-01 TO 13/3.5.15/KOCP	03.05.2015	26016.36	9.82	3.47	37.3	4213	6.24	36.23	4092	G11	✓
4	NTPC-TALCHER/MGR-01 TO13 /4.5.15/KOCP	04.05.2015	26405.60	10.51	3.18	40.73	3962	6.35	39.40	3832	G12	
5	NTPC-TALCHER/MGR-01 TO 12/5.5.15/KOCP	05.05.2015	24920.50	11.82	3.51	37.81	4154	6.54	36.62	4024	G11	✓
6	NTPC-TALCHER/MGR-01 TO2 02/6.5.15/KOCP	06.05.2015	4189.60	9.93	3.41	40.42	3894	6.21	39.25	3781	G12	
7	NTPC-TALCHER/MGR-01 TO /7.5.15/KOCP	07.05.2015	0.00	0	0.00	0.00	0	0.00	0.00	0		No Despatches due to Strike
8	NTPC-TALCHER/MGR-01 TO 10/8.5.15/KOCP	08.05.2015	21433.40	10.46	3.81	37.37	4110	6.50	36.32	3995	G12	
9	NTPC-TALCHER/MGR-01 TO 11/9.5.15/KOCP	09.05.2015	23266.87	10.98	3.45	37.92	3835	6.73	36.63	3705	G12	
10	NTPC-TALCHER/MGR-01 TO 12/10.5.15/KOCP	10.05.2015	25302.50	11.36	3.47	39.23	4092	6.58	37.97	3960	G12	
		Wt/ Average	198328.130	10.82	3.42	38.70	4058	6.43	37.49	3931		

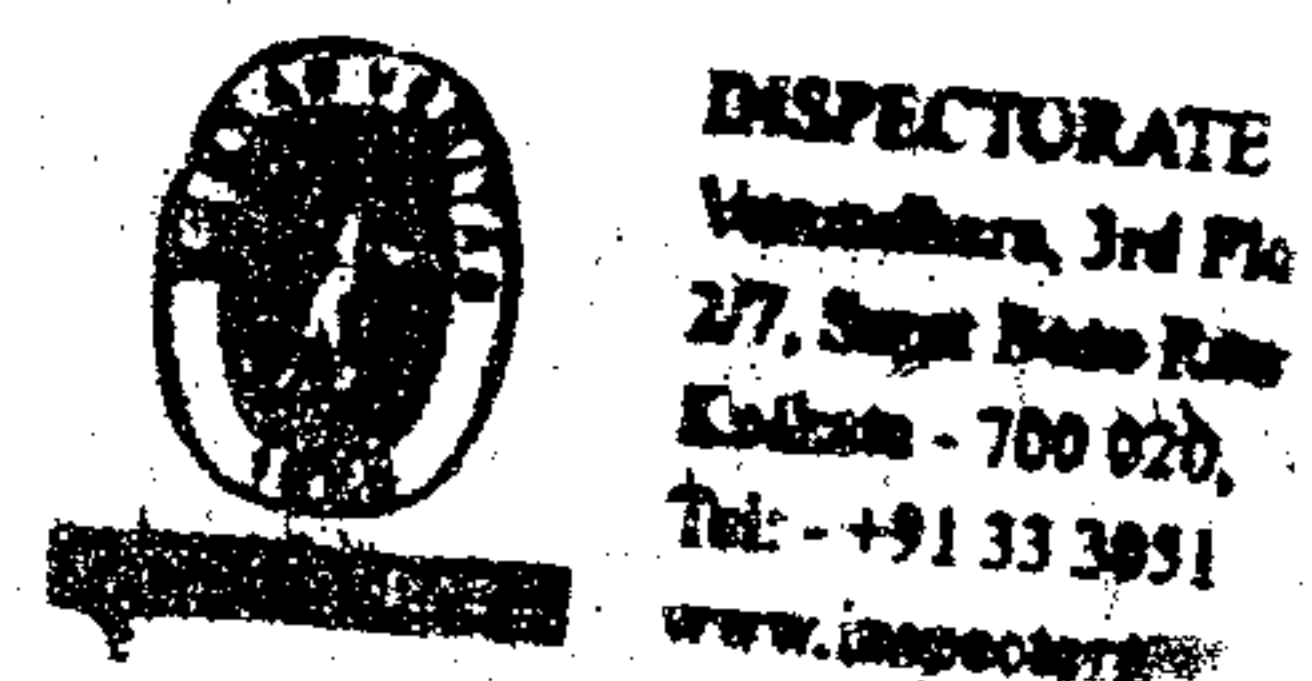
Signature of third Party: Madhumilan De  
 Name of the third party.: M/S Inspectorate Griffith India Pvt Ltd

*Signature* 18.05.15

Received on 19.5.2015  
 Samples collected & Tested by 3rd Party

Signature of the NTPC  
 Name. नन्दन कुमार मिश्र  
 NANDAN KUMAR MISHRA  
 ज्य प्रबंधक (प्रज्ञा. एवं अनु. / रसायन)  
 Dy. Manager (O&M/Chemistry)  
 एनटीपीसी लिमिटेड / तालचर कनिहा  
 NTPC Limited / Talcher Kaniha

Signature of the Coal Company  
 Name Despatch office



- 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





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 FROM 11.05.2015 TO 20.05.2015  
 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. MOISTURE%	EQ. ASH%	EQ. GCV(Kcal/Kg)		
1	NTPC-TALCHER/MGR-01 TO 13/11.5.15/KOCP	11.05.2015	26979.900	10.52	3.30	38.57	4121	6.56	37.27	3982	12	
2	NTPC-TALCHER/MGR-01 TO 12/12.5.15/KOCP	12.05.2015	24890.300	11.53	3.60	38.99	4037	6.87	37.67	3900	12	
3	NTPC-TALCHER/MGR-01 TO 12/13.5.15/KOCP	13.05.2015	24798.300	9.87	3.87	37.38	4042	6.26	36.45	3942	12	
4	NTPC-TALCHER/MGR-01 TO 9/14.5.15/KOCP	14.05.2015	18534.000	11.82	3.78	39.10	4043	6.21	38.11	3941	12	
5	NTPC-TALCHER/MGR-01 TO 9/15.5.15/KOCP	15.05.2015	14420.340	10.67	3.71	38.52	4067	6.12	37.56	3965	12	
6	NTPC-TALCHER/MGR-01 TO 11/16.5.15/KOCP	16.05.2015	22564.600	9.58	3.86	36.53	4285	6.45	35.55	4170	11	✓
7	NTPC-TALCHER/MGR-01 TO 12/17.5.15/KOCP	17.05.2015	24648.760	12.03	3.36	35.47	4311	6.83	34.20	4156	11	✓
8	NTPC-TALCHER/MGR-01 TO 11/18.5.15/KOCP	18.05.2015	22776.800	11.76	4.06	38.17	4040	6.47	37.21	3939	12	
9	NTPC-TALCHER/MGR-01 TO 10/19.5.15/KOCP	19.05.2015	21338.600	9.97	3.35	38.83	4060	6.34	37.63	3934	12	
10	NTPC-TALCHER/MGR-01 TO 9/20.5.15/KOCP	20.05.2015	19298.600	10.72	3.54	38.19	4128	6.18	37.14	4015	12	
		Wt/ Average	220250.200	10.85	3.63	37.92	4117	6.46	36.81	3996	11	✓

Signature of third Party: Madhumilan De

Name of the third party.: M/S Inspectorate Griffith India Pvt Ltd



**INSPECTORATE**  
 Vasundhara, 3rd Floor  
 27, Serat Boro Road  
 Kolkata - 700 020, India.  
 Tel: - +91 33 3091 6111  
 www.igspolite.co.in

- 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

Samples tested & Collected by 3rd Party  
 @ 20/5/15

Signature of the NTPC station

Name.

**नन्दन कुमार मिश्र**  
 NANDAN KUMAR MISHRA  
 अधिकारी (प्रचा. एवं अनु. / रसायन)  
 Manager (O&M/Chemistry)  
 नैपटसी लिमिटेड/तालचेर कनिहा  
 NTPC Limited / Talcher Kaniha

SAW  
 1-6-15

Signature of the Coal Company  
 Name

SAW  
 1-6-15  
 नैपटसी लिमिटेड/तालचेर कनिहा  
 NTPC Limited / Talcher Kaniha





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 FROM 21.05.2015 TO 31.05.2015  
 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. MOISTURE%	EQ. ASH%	EQ. GCV(Kcal/Kg)		
1	NTPC-TALCHER/MGR-01 TO 12 /21.5.15/KOCP	21.05.2015	25626.400	11.79	3.51	39.55	4076	6.52	38.32	3949	G12	
2	NTPC-TALCHER/MGR-01 TO 11 /22.5.15/KOCP	22.05.2015	23012.390	10.93	3.29	40.35	4068	6.31	39.09	3941	G12	
3	NTPC-TALCHER/MGR-01 TO 10/23.5.15/KOCP	23.05.2015	21481.900	12.14	3.33	37.69	4077	6.61	36.41	3939	G12	
4	NTPC-TALCHER/MGR-01 TO 11 /24.5.15/KOCP	24.05.2015	23788.880	10.08	3.31	38.85	4011	6.35	37.63	3885	G12	
5	NTPC-TALCHER/MGR-01 TO 8 /25.5.15/KOCP	25.05.2015	17200.360	11.12	2.95	38.27	4132	6.34	36.93	3988	G12	
6	NTPC-TALCHER/MGR-01 TO 10 /26.5.15/KOCP	26.05.2015	21178.100	10.45	3.62	35.83	4247	6.65	34.71	4114	G11	✓
7	NTPC-TALCHER/MGR-01 TO 11 /27.5.15/KOCP	27.05.2015	23936.700	10.83	3.42	38.59	4186	6.42	37.39	4056	G11	✓
8	NTPC-TALCHER/MGR-01 TO 10 /28.5.15/KOCP	28.05.2015	21742.800	11.76	3.03	37.81	4117	6.33	36.52	3977	G12	
9	NTPC-TALCHER/MGR-01 TO 10/29.5.15/KOCP	29.05.2015	22211.480	10.34	3.52	40.57	4087	6.52	39.31	3960	G12	
10	NTPC-TALCHER/MGR-01 TO 12/30.5.15/KOCP	30.05.2015	26845.400	11.24	3.82	37.70	4063	6.29	36.73	3959	G12	
11	NTPC-TALCHER/MGR-01 TO 11 /31.5.15/KOCP	31.05.2015	24200.900	11.49	3.17	40.25	3931	6.27	38.96	3805	G12	
		Wt/ Average	251225.310	11.11	3.38	38.71	4087	6.41	37.50	3959	G12	

*Biswajit Dey*  
09-06-15



Signature of third Party: Biswajit Dey  
 Name of the third party.: M/S Inspectorate Griffith India Pvt Ltd

INSPECTORATE  
 Vasundhara, 3rd Floor  
 1/7, Sarat Bose Road  
 Kolkata - 700 020, India  
 Tel. - +91 33 3051 6600  
 www.inspectorate.co.in

*Samples collected & tested by*  
*12/6/15*  
*3rd Party*  
 Signature of the NTPC station  
 Name: **NANDAN KUMAR MISHRA**  
 उप प्रबंधक (प्रवा. एवं अनु./रसायन)  
 Dy. Manager (O&M/Chemistry)  
 एनटीपीसी लिमिटेड/तालचेर कनिहा  
 NTPC Limited / Talcher Kaniha

*GAN*  
12.6.15

Signature of the Coal Company  
 Name

- 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

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