

# 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 AUGUST- 2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MCL

AREA : B.G. AREA

ANALYSIS LABORATORY : KANIKA , LABORATORY

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	KANIKA	G-11	01-08-2015	59	1	212001926	01-08-2015	3859.40	TNEB	01-08-2015	10.2	4.4	35.7	4076.4	G-11
2	KANIKA	G-11	06-08-2015	58	15	112000086	06-08-2015	3886.90	TNEB	06-08-2015	9.9	4.4	35.5	4112.4	G-11
3	KANIKA	G-11	07-08-2015	59	18	212001917	07-08-2015	3853.96	TNEB	07-08-2015	10.5	4.8	34.9	4200.1	G-11
4	KANIKA	G-11	07-08-2015	59	20	212001918	07-08-2015	3888.89	TNEB	07-08-2015	10.1	4.5	35.2	4173.6	G-11
5	KANIKA	G-11	08-08-2015	59	24	212001929	08-08-2015	3838.54	TNEB	08-08-2015	10.6	4.7	34.9	4184.9	G-11
6	KANIKA	G-11	09-08-2015	59	27	112000087	10-08-2015	3844.95	TNEB	09-08-2015	9.5	4.3	36.4	4051.3	G-11
7	KANIKA	G-11	10-08-2015	58	28	212001930	10-08-2015	3877.10	TNEB	10-08-2015	9.9	4.5	35.4	4175.7	G-11
8	KANIKA	G-11	10-08-2015	59	31	212001931	11-08-2015	3853.88	TNEB	10-08-2015	11.9	4.9	34.6	4240.1	G-11
9	KANIKA	G-11	11-08-2015	58	35	112000088	12-08-2015	3876.27	TNEB	11-08-2015	12.3	4.7	35.0	4229.8	G-11
10	KANIKA	G-11	12-08-2015	58	36	212001932	12-08-2015	3886.80	TNEB	12-08-2015	12.1	4.9	35.1	4170.5	G-11
11	KANIKA	G-11	12-08-2015	59	37	212001933	12-08-2015	3846.48	TNEB	12-08-2015	11.7	4.6	36.0	4132.2	G-11
12	KANIKA	G-11	13-08-2015	59	40	212001934	13-08-2015	3843.74	TNEB	13-08-2015	12.4	5.1	34.8	4151.3	G-11
13	KANIKA	G-11	16-08-2015	57	53	112000090	16-08-2015	3806.80	TNEB	16-08-2015	11.4	4.8	35.1	4154.8	G-11
14	KANIKA	G-11	17-08-2015	58	56	212001935	17-08-2015	3876.70	TNEB	17-08-2015	12.3	5.2	34.6	4194.2	G-11

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

2. proximate analysis has been done in accordance with BS 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.

Date -05-09-15

1. Concerned Area SM(QC)

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

3. Office of Purchaser/Consumer.

Sign of Rep

NAME: P.N. Mishra,

NAME OF COAL CO.

Sr. Technical Inspector

KANIKA SIDING

B&G AREA. MCL

Sign of Rep

NAME: V. ELUMALAI

NAME OF CONSUMER

TNEB

Sign of Rep

NAME: S.K. PANDEY

Superintendence co



# 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@vsni.net, Website : www.superintendence.com

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

NAME OF THE COAL COMPANY : MCL

AREA : B.G. AREA

ANALYSIS LABORATORY : KANIKA ,LABORATORY

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		
15	KANIKA	G-11	17-08-2015	58	58	112000091	18-08-2015	3894.50	TNEB	17-08-2015	11.4	4.8	35.8	4136.8	G-11		
16	KANIKA	G-11	19-08-2015	59	64	212001963	19-08-2015	3845.39	TNEB	19-08-2015	11.2	4.4	36.3	4077.5	G-11		
17	KANIKA	G-11	20-08-2015	59	66	112000092	20-08-2015	4011.50	TNEB	20-08-2015	11.3	4.4	36.2	4093.4	G-11		
18	KANIKA	G-11	20-08-2015	58	68	212001937	20-08-2015	3884.20	TNEB	20-08-2015	12.3	5.0	34.9	4150.9	G-11		
19	KANIKA	G-11	23-08-2015	58	78	112000093	24-08-2015	4089.90	TNEB	23-08-2015	12.6	5.1	34.7	4186.1	G-11		
20	KANIKA	G-11	26-08-2015	59	85	112000095	26-08-2015	3938.35	TNEB	26-08-2015	11.7	4.7	35.3	4149.6	G-11		
21	KANIKA	G-11	29-08-2015	58	91	112000097	29-08-2015	3947.44	TNEB	29-08-2015	12.1	5.0	34.8	4193.2	G-11		
22	KANIKA	G-11	30-08-2015	58	92	112000098	30-08-2015	4084.30	TNEB	30-08-2015	11.5	4.8	35.9	4080.1	G-11		
23	KANIKA	G-11	30-08-2015	59	94	112000099	30-08-2015	4011.14	TNEB	30-08-2015	12.0	4.7	35.5	4144.8	G-11		
<b>TOTAL</b>								<b>89747.13</b>			<b>11.3</b>	<b>4.7</b>	<b>35.3</b>	<b>4150.3</b>	<b>G-11</b>		
<b>WEIGHTED AVERAGE</b>																	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>								<b>6.6</b>									

Date -05-09-15

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. Wagon's 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: P.N. Mishra  
NAME OF COAL CO.  
**Sr. Technical Inspector  
KANIKA SIDING  
B&G AREA, MCL**

Sign of Rep  
NAME: V. ELUMALAI  
NAME OF CONSUMER  
**TNEB**

Sign of Rep  
NAME: S.K. PANDEY  
Superintendence co.



# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rgd. 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 AUGUST-2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

AREA : B.G. AREA

NAME OF THE COAL COMPANY : MCL

ANALYSIS LABORATORY :

KANIKA , LABORATORY

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	KANIKA	G-11	08.08.15	58	22	162000351	08.08.15	3876.00	DPL	08.08.15	9.8	4.3	35.9	4106.6	G-11
2	KANIKA	G-11	11.08.15	58	32	162000354	11.08.15	3875.10	DPL	11.08.15	11.8	4.5	35.8	4174.6	G-11
3	KANIKA	G-11	12.08.15	59	39	162000356	13.08.15	3835.84	DPL	12.08.15	11.5	4.7	35.6	4091.7	G-11
4	KANIKA	G-11	29.08.15	56	90	162000389	29.08.15	3940.31	DPL	29.08.15	11.7	4.9	35	4096.4	G-11
<b>TOTAL</b>											<b>11.2</b>	<b>4.6</b>	<b>35.6</b>	<b>4117.3</b>	
<b>WEIGHTED AVERAGE</b>								<b>6.6</b>							
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>															

Date - 05-09-2015

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:  
 NAME OF COAL CO.  
 Sr. Technical Inspector  
 KANIKA SIDING  
 B&G AREA. MCL

Sign of Rep  
 NAME:  
 NAME OF CONSUMER

Sign of Rep  
 NAME: S.K. PANDA  
 Superintendent 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 AUGUST-2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :

KANIKA , LABORATORY

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	KANIKA	G-11	14.08.15	58	45	262000358	14.08.15	3886.00	DTPS	14.08.15	11.8	4.8	35.4	4146.9	G-11		
2	KANIKA	G-11	15.08.15	57	47	162000361	15.08.15	3741.58	DTPS	15.08.15	10.5	4.5	36.0	4114.6	G-11		
3	KANIKA	G-11	16.08.15	59	52	162000363	16.08.15	3845.06	DTPS	16.08.15	10.3	4.5	36.3	4069.3	G-11		
<b>TOTAL</b>								<b>11472.64</b>			<b>10.9</b>	<b>4.6</b>	<b>35.9</b>	<b>4110.4</b>			
<b>WEIGHTED AVERAGE</b>																	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>								<b>6.3</b>									

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.

Date - 05-09-2015

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.

Sr Technical Inspector  
KANIKA SIDING  
B&G AREA, MCL

Sign of Rep

NAME:

NAME OF CONSUMER

Sign of Rep

NAME: S.K. PANDA

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 AUGUST- 2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :

KANIKA ,LABORATORY

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	KANIKA	G-11	03.08.15	58	7	162000343	03.08.15	3952.40	BTPC	03.08.15	10.5	4.7	34.9	4175.5	G-11	
2	KANIKA	G-11	14.08.15	59	46	162000359	14.08.15	3852.06	BTPC	14.08.15	12.0	5.0	34.9	4157.2	G-11	
3	KANIKA	G-11	15.08.15	57	50	162000362	16.08.15	3808.19	BTPC	15.08.15	11.1	4.6	35.5	4134.2	G-11	
4	KANIKA	G-11	17.08.15	59	55	162000366	17.08.15	3842.48	BTPC	17.08.15	10.9	4.5	36.2	4125.4	G-11	
5	KANIKA	G-11	22.08.15	59	73	162000376	22.08.15	3984.51	BTPC	22.08.15	10.7	4.6	36.0	4079.3	G-11	
6	KANIKA	G-11	23.08.15	59	77	162000378	23.08.15	3982.95	BTPC	23.08.15	11.1	4.4	35.8	4133.6	G-11	
7	KANIKA	G-11	24.08.15	58	80	162000380	25.08.15	4081.54	BTPC	24.08.15	11.9	4.8	35.0	4219.2	G-11	
<b>TOTAL</b>								<b>27504.13</b>				<b>11.2</b>	<b>4.7</b>	<b>35.5</b>	<b>4146.7</b>	
<b>WEIGHTED AVERAGE</b>																
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>								<b>6.5</b>								

Date - 05-09-2015

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:

Sr. Technical Inspector,  
KANIKA SIDING  
B&G AREA, MCL

Sign of Rep  
NAME:

NAME OF CONSUMER

Sign of Rep

NAME: S.K. PANDA

Superintendent



# 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 AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :


KANIKA ,LABORATORY

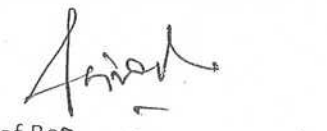
Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40* C temp./GCV					
						No.	Date					M%	Ash%	GCV	Grade		
1	KANIKA	G-11	02-08-2015	58	5	162000342	02-08-2015	3877.60	MIGK	02-08-2015	10.3	4.5	35.6	4112.7	G-11		
2	KANIKA	G-11	03-08-2015	58	8	162000344	03-08-2015	3960.00	MIGK	03-08-2015	10.9	4.8	34.8	4216.2	G-11		
3	KANIKA	G-11	05-08-2015	59	12	162000348	05-08-2015	3897.83	MIGK	05-08-2015	11.4	4.9	34.6	4199.6	G-11		
4	KANIKA	G-11	10-08-2015	59	30	262003700	10-08-2015	3774.07	MIGK	10-08-2015	9.6	4.2	36.5	4079.6	G-11		
5	KANIKA	G-11	13-08-2015	58	43	162000357	14-08-2015	3883.30	MIGK	13-08-2015	11.4	4.7	35.7	4106.6	G-11		
6	KANIKA	G-11	22-08-2015	58	75	162000377	23-08-2015	4081.20	MIGK	22-08-2015	12.3	5.1	34.8	4170.0	G-11		
7	KANIKA	G-11	25-08-2015	59	81	162000382	25-08-2015	4051.76	MIGK	25-08-2015	11.5	4.5	35.7	4168.5	G-11		
8	KANIKA	G-11	27-08-2015	58	89	162000388	29-08-2015	3965.28	MIGK	28-08-2015	11.6	4.8	35.8	4089.0	G-11		
9	KANIKA	G-11	30-08-2015	57	93	162000390	31-08-2015	4022.60	MIGK	30-08-2015	11.9	4.8	35.6	4208.6	G-11		
10	KANIKA	G-11	31-08-2015	59	99	162000394	01-09-2015	4085.40	MIGK	31-08-2015	11.7	5.6	35.4	4186.6	G-11		
TOTAL								39599.04				11.3	4.8	35.4	4154.5		
WEIGHTED AVERAGE																	
SURFACE MOISTURE % IN WEIGHTED AVERAGE								6.5									


Date - 05-09-2015

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:   
NAME OF COAL CO.  
Sr. Technical Inspector  
KANIKA SIDING  
B&G AREA, MCL

Sign of Rep  
NAME:   
NAME OF CONSUMER  
MIGK

Sign of Rep  
NAME: S.K. PANDA  
Superintendent  




# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rgd. 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 AUGUST- 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :

KANIKA ,LABORATORY

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	KANIKA	G-11	01.08.15	58	2	162000340	01.08.15	3783.39	KIG	01.08.15	10.6	4.7	35.2	4100.8	G-11
2	KANIKA	G-11	01.08.15	59	3	142000013	02.08.15	3949.04	KIG	01.08.15	10.9	4.8	34.7	4176	G-11
3	KANIKA	G-11	02.08.15	58	4	162000341	02.08.15	3955.20	KIG	02.08.15	10.7	4.7	35.3	4089.5	G-11
4	KANIKA	G-11	02.08.15	59	6	152000005	03.08.15	3864.85	KIG	02.08.15	11.2	4.9	34.6	4228.9	G-11
5	KANIKA	G-11	03.08.15	58	9	162000345	04.08.15	3824.55	KIG	03.08.15	11.3	4.9	34.5	4223.2	G-11
6	KANIKA	G-11	04.08.15	59	10	162000346	04.08.15	3853.02	KIG	04.08.15	10.4	4.5	35.3	4109.5	G-11
7	KANIKA	G-11	04.08.15	58	11	162000347	04.08.15	3879.76	KIG	04.08.15	11.1	4.8	34.6	4168.9	G-11
8	KANIKA	G-11	06.08.15	58	16	262003696	06.08.15	3878.00	KIG	06.08.15	9.8	4.2	35.9	4079.4	G-11
9	KANIKA	G-11	06.08.15	59	17	252000070	06.08.15	3844.29	KIG	06.08.15	10.2	4.7	35	4175.8	G-11
10	KANIKA	G-11	08.08.15	58	23	262003698	08.08.15	3874.67	KIG	08.08.15	10.3	4.4	35.3	4120.3	G-11
11	KANIKA	G-11	09.08.15	59	25	162000352	09.08.15	3841.96	KIG	09.08.15	10.1	4.6	35.2	4161.3	G-11
12	KANIKA	G-11	11.08.15	58	33	142000014	11.08.15	3876.10	KIG	11.08.15	12.0	4.6	35.4	4188.4	G-11
13	KANIKA	G-11	16.08.15	56	51	162000364	16.08.15	3654.17	KIG	16.08.15	10.5	4.8	35.4	4126	G-11
14	KANIKA	G-11	16.08.15	58	54	162000365	17.08.15	4006.00	KIG	16.08.15	12.2	5.0	35.8	4168.9	G-11

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

Date - 05-09-2015

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.

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.

Sr. Technical Inspector  
KANIKA SIDING  
B&G AREA. MCL

Sign of Rep

NAME: Akion

NAME OF CONSUMER

Sign of Rep

NAME: S.K. Pal

Superintendent



# 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 AUGUST- 2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : **MCL** AREA : **B.G. AREA**  
 ANALYSIS LABORATORY : **KANIKA , LABORATORY**

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	
15	KANIKA	G-11	17.08.15	57	57	162000367	17.08.15	3810.20	KIG	17.08.15	10.6	4.5	36.3	4100	G-11	
16	KANIKA	G-11	18.08.15	55	59	162000368	18.08.15	3569.75	KIG	18.08.15	11.6	4.7	35.4	4145.6	G-11	
17	KANIKA	G-11	19.08.15	59	63	162000371	19.08.15	3851.45	KIG	19.08.15	11.8	4.7	35.2	4154.1	G-11	
18	KANIKA	G-11	26.08.15	58	84	162000384	26.08.15	4018.10	KIG	26.08.15	10.9	4.6	36.1	4059.6	G-11	
19	KANIKA	G-11	28.08.15	57	87	162000386	28.08.15	4018.80	KIG	28.08.15	12.3	4.7	35.6	4159.9	G-11	
20	KANIKA	G-11	31.08.15	59	97	162000392	31.08.15	3953.87	KIG	31.08.15	11.9	4.8	35.2	4214.6	G-11	
21	KANIKA	G-11	31.08.15	60	98	162000393	31.08.15	4117.90	KIG	31.08.15	11.5	4.7	35.0	4202.3	G-11	
<b>TOTAL</b>								<b>81425.07</b>								
<b>WEIGHTED AVERAGE</b>											<b>11.0</b>	<b>4.7</b>	<b>35.3</b>	<b>4150.3</b>		
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>								<b>6.4</b>								

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.


Date - 05-09-2015

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.

SE. Technical Inspector  
 KANIKA SIDING  
 B&G AREA, MCL

Sign of Rep  
 NAME:   
 NAME OF CONSUMER

Sign of Rep   
 NAME: S.K. PANDA  
 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 AUGUST-2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

AREA : B.G. AREA

NAME OF THE COAL COMPANY :

MCL

ANALYSIS LABORATORY :

KANIKA , LABORATORY

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	KANIKA	G-11	05-08-2015	59	14	261000684	06-08-2015	3841.52	KPKD	05-08-2015	10.3	4.7	34.8	4171.8	G-11		
2	KANIKA	G-11	11-08-2015	58	34	261000685	11-08-2015	3877.70	KPKD	11-08-2015	11.7	4.3	36.1	4119.5	G-11		
3	KANIKA	G-11	13-08-2015	58	42	261000686	14-08-2015	3817.89	KPKD	13-08-2015	11.6	4.8	36.3	4140.1	G-11		
4	KANIKA	G-11	15-08-2015	58	49	261000687	15-08-2015	3878.00	KPKD	15-08-2015	10.6	4.7	35.3	4148.2	G-11		
5	KANIKA	G-11	21-08-2015	58	71	261000668	21-08-2015	4062.80	KPKD	21-08-2015	12.2	4.8	34.8	4157.9	G-11		
6	KANIKA	G-11	22-08-2015	58	74	141000007	22-08-2015	4014.22	KPKD	22-08-2015	11.9	5.0	35.0	4167.6	G-11		
7	KANIKA	G-11	23-08-2015	58	76	161000092	23-08-2015	4061.00	KPKD	23-08-2015	11.4	4.7	35.1	4169.8	G-11		
8	KANIKA	G-11	25-08-2015	59	82	161000093	25-08-2015	3920.96	KPKD	25-08-2015	11.2	4.4	36.0	4145.4	G-11		
9	KANIKA	G-11	31-08-2015	56	96	161000095	31-08-2015	3946.80	KPKD	31-08-2015	11.2	4.5	35.5	4170.6	G-11		
TOTAL								35420.89				11.4	4.7	35.4	4154.7		
WEIGHTED AVERAGE								6.7									
SURFACE MOISTURE % IN WEIGHTED AVERAGE																	

Date - 05-09-2015

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

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.

Sign of Rep  
NAME:  
NAME OF COAL CO.  
Sr. Technical Inspector  
KANIKA SIDING  
B&G AREA. MCL

Sign of Rep  
NAME:  
NAME OF CONSUMER

Sign of Rep  
NAME: S.K. PANDA  
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 AUGUST- 2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :

KANIKA ,LABORATORY

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	KANIKA	G-11	07.08.15	59	21	262003697	08.08.15	3932.01	STDV	07.08.15	11.1	4.8	34.9	4164.7	G-11			
2	KANIKA	G-11	09.08.15	52	26	112000083	09.08.15	3401.98	STDV	09.08.15	10.9	4.4	35.7	4098.4	G-11			
3	KANIKA	G-11	12.08.15	59	38	162000355	12.08.15	3941.35	STDV	12.08.15	10.5	4.5	36.5	4056.7	G-11			
4	KANIKA	G-11	15.08.15	59	48	162000360	15.08.15	3854.86	STDV	15.08.15	10.8	4.9	34.8	4170.8	G-11			
5	KANIKA	G-11	18.08.15	55	61	162000369	19.08.15	3663.08	STDV	18.08.15	12.1	4.8	35.2	4099.5	G-11			
6	KANIKA	G-11	19.08.15	52	65	162000373	20.08.15	3403.05	STDV	19.08.15	11.7	4.7	35.5	4168.6	G-11			
7	KANIKA	G-11	21.08.15	56	70	162000375	21.08.15	3279.47	STDV	21.08.15	11.3	4.9	35.0	4124.5	G-11			
8	KANIKA	G-11	26.08.15	53	83	162000383	26.08.15	3611.02	STDV	26.08.15	12.0	5.0	34.8	4185.8	G-11			
9	KANIKA	G-11	28.08.15	57	88	162000387	28.08.15	3783.74	STDV	28.08.15	12.5	4.6	36.3	4145.9	G-11			
<b>TOTAL</b>								<b>32870.56</b>				<b>11.4</b>	<b>4.7</b>	<b>35.4</b>	<b>4134.9</b>			
<b>WEIGHTED AVERAGE</b>																		
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>								<b>6.7</b>										

Date - 05-09-2015

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:  
NAME OF COAL CO.  
Sr Technical Inspector  
KANIKA SIDING  
B&G AREA, MCL

Sign of Rep  
NAME:  
NAME OF CONSUMER

Sign of Rep  
NAME: S.K. PANDA  
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 AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :

KANIKA ,LABORATORY

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	KANIKA	G-11	05-08-2015	59	14	261000684	06-08-2015	3841.52	KPKD	05-08-2015	10.3	4.7	34.8	4171.8	G-11
2	KANIKA	G-11	11-08-2015	58	34	261000685	11-08-2015	3877.70	KPKD	11-08-2015	11.7	4.3	36.1	4119.5	G-11
3	KANIKA	G-11	13-08-2015	58	42	261000686	14-08-2015	3817.89	KPKD	13-08-2015	11.6	4.8	36.3	4140.1	G-11
4	KANIKA	G-11	15-08-2015	58	49	261000687	15-08-2015	3878.00	KPKD	15-08-2015	10.6	4.7	35.3	4148.2	G-11
5	KANIKA	G-11	21-08-2015	58	71	261000668	21-08-2015	4062.80	KPKD	21-08-2015	12.2	4.8	34.8	4157.9	G-11
6	KANIKA	G-11	22-08-2015	58	74	141000007	22-08-2015	4014.22	KPKD	22-08-2015	11.9	5.0	35.0	4167.6	G-11
7	KANIKA	G-11	23-08-2015	58	76	161000092	23-08-2015	4061.00	KPKD	23-08-2015	11.4	4.7	35.1	4169.8	G-11
8	KANIKA	G-11	25-08-2015	59	82	161000093	25-08-2015	3920.96	KPKD	25-08-2015	11.2	4.4	36.0	4145.4	G-11
9	KANIKA	G-11	31-08-2015	56	96	161000095	31-08-2015	3946.80	KPKD	31-08-2015	11.2	4.5	35.5	4170.6	G-11
<b>TOTAL</b>								<b>35420.89</b>							

WEIGHTED AVERAGE

11.4	4.7	35.4	4154.7
------	-----	------	--------

SURFACE MOISTURE % IN WEIGHTED AVERAGE

6.7

Date - 05-09-2015

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:  
NAME OF COAL CO.

Sr. Technical Inspector  
KANIKA SIDING  
B&G AREA. MCL

Sign of Rep  
NAME:  
NAME OF CONSUMER

Sign of Rep  
NAME: S.K. PANDA  
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 AUGUST - 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :

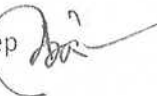
KANIKA ,LABORATORY

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	KANIKA	G-11	05-08-2015	56	13	162000349	05-08-2015	3659.59	BZA	05-08-2015	9.6	4.2	36.1	4073.7	G-11
2	KANIKA	G-11	28-08-2015	58	86	162000385	27-08-2015	3930.22	BZA	27-08-2015	12.0	4.6	35.3	4171.4	G-11
3	KANIKA	G-11	30-08-2015	58	95	162000391	31-08-2015	4083.20	BZA	30-08-2015	11.3	4.6	36.5	4139.4	G-11
TOTAL								11673.01							
WEIGHTED AVERAGE											11.0	4.5	36.0	4129.6	G-11
SURFACE MOISTURE % IN WEIGHTED AVERAGE								6.5							


Date - 05-09-2015

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:  
 NAME OF COAL CO.  
 Sr. Technical Inspector  
 KANIKA SIDING  
 B&G AREA. MCL

Sign of Rep  
 NAME:  
 NAME OF CONSUMER

Sign of Rep   
 NAME: S.K. PANDA  
 Superintendent 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. T-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 AUGUST- 2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

B.G. AREA

ANALYSIS LABORATORY :

KANIKA , LABORATORY

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	KANIKA	G-11	19-08-2015	54	62	162000370	19-08-2015	3532.63	DSTP	19-08-2015	11.3	4.8	35.7	4114.1	G-11	
2	KANIKA	G-11	21-08-2015	57	69	162000374	20-08-2015	3797.64	DSTP	21-08-2015	11.5	4.7	35.9	4095.1	G-11	
3	KANIKA	G-11	22-08-2015	59	72	262003705	22-08-2015	3973.88	DSTP	22-08-2015	10.8	4.8	35.6	4149.6	G-11	
4	KANIKA	G-11	24-08-2015	58	79	162000379	24-08-2015	4070.80	DSTP	24-08-2015	11.6	4.9	35.4	4202.4	G-11	
<b>TOTAL</b>								<b>15374.95</b>			<b>11.3</b>	<b>4.8</b>	<b>35.6</b>	<b>4142.0</b>		
<b>WEIGHTED AVERAGE</b>																
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>																
								<b>6.5</b>								

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.

Date - 05-09-2015

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.

Sr. Technical Inspector

KANIKA SIDING  
B&G AREA, MCL

Sign of Rep

NAME:

NAME OF CONSUMER

Sign of Rep

NAME: S.K. PANDA

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 AUGUST- 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY MCL

AREA : B.G. AREA

ANALYSIS LABORATORY : KANIKA , LABORATORY

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	KANIKA	G-11	07-08-2015	59	19	212001913	07-08-2015	3810.09	RDM	07-08-2015	9.9	4.3	35.6	4135.8	G-11
2	KANIKA	G-11	10-08-2015	59	29	262003699	10-08-2015	3843.85	RDM	10-08-2015	9.7	4.3	35.9	4188.8	G-11
3	KANIKA	G-11	13-08-2015	59	41	262003701	13-08-2015	3854.38	RDM	13-08-2015	12.6	5.2	34.7	4198.6	G-11
4	KANIKA	G-11	14-08-2015	59	44	262003702	14-08-2015	3864.77	RDM	14-08-2015	11.5	4.6	35.8	4143.3	G-11
5	KANIKA	G-11	18-08-2015	59	60	262003703	18-08-2015	3842.07	RDM	18-08-2015	11.9	5.1	34.9	4176.9	G-11
6	KANIKA	G-11	20-08-2015	59	67	262003704	20-08-2015	3861.76	RDM	20-08-2015	11.7	4.6	35.6	4127.6	G-11
OTAL								23076.92							
WEIGHTED AVERAGE											11.2	4.7	35.4	4161.8	
SURFACE MOISTURE % IN WEIGHTED AVERAGE								6.5							

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

Date - 05-09-2015 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.

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.

Sr. Technical Inspector  
KANIKA SIDING  
B&G AREA, MCL

Sign of Rep

NAME:

NAME OF CONSUMER

Sign of Rep

NAME: S.K. PANDA

Superintendence Co of India (P) Ltd





# K C SHARMA & Co

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

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

Annexure- I V

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :-AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibratedCondition at 60% RH & 40°C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	7	G-12	03-08-2015	TPL(B)-02	261005517	3575.14	14.26	6.64	39.74	3782	G-12
2	8	G-12	03-08-2015	TPL-01	261005512	3524.37	14.44	6.61	39.88	3777	G-12
3	8	G-12	04-08-2015	TPL(B)-05	261005519	3246.59	14.56	6.70	39.20	3805	G-12
4	5	G-12	04-08-2015	TPL(B)-03	261008801	3729.31	14.03	6.59	39.54	3755	G-12
5	7	G-12	08-08-2015	TPL(B)-08	261005532	3653.10	14.32	6.33	39.43	3722	G-12
6	8	G-12	09-08-2015	TPL(B)-9	261005536	3774.90	13.95	6.62	38.59	3815	G-12
7	7	G-12	14-08-2015	TPL(B)-11	261005560	3578.04	13.95	6.24	40.21	3828	G-12
8	8	G-12	16-08-2015	TPL(B)-12	261005563	3784.73	14.32	6.52	39.85	3793	G-12
9	8	G-12	16-08-2015	TPL-13	261005571	3740.66	13.99	6.46	38.99	3814	G-12
10	7	G-12	18-08-2015	TPL-15	261005579	3620.43	14.67	6.54	38.72	3753	G-12

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

36227.27

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.

  
 SIGNATURE OF REP  
 NAME: -SISIR KUMAR RAY  
 NAME OF PURCHASER/ CONSUMER

  
 SIGNATURE  
 NAME: -SUNIL  
 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

# K C SHARMA & Co

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

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

Annexure- I V

**RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :-AUGUST-2015**

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibratedCondition at 60% RH & 40'C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
11	7	G-12	19-08-2015	TPL(B)-16	261005582	3597.74	14.05	6.38	39.97	3732	G-12
12	8	G-12	20-08-2015	TPL(B)-17	261005585	3749.32	14.20	6.32	39.60	3786	G-12
13	8	G-12	24-08-2015	TPL(B)-20	241000317	3385.24	14.19	6.47	39.09	3779	G-12
14	7	G-12	26-08-2015	TPL(B)-21	241000318	3658.01	14.24	6.42	39.00	3797	G-12
15	7	G-12	28-08-2015	TPL(B)-22	241000319	3318.59	14.33	6.34	39.81	3799	G-12
16	8	G-12	29-08-2015	TPL(B)-24	261005625	3610.54	13.44	6.31	39.81	3764	G-12
17	7	G-12	30-08-2015	TPL(B)-25	261005629	3639.82	14.31	6.16	39.02	3815	G-12
18	7	G-12	31-08-2015	TPL-26	261005631	3743.21	13.95	6.34	39.48	3726	G-12
19	7	G-12	31-08-2015	TPL-27	261005632	3749.11	13.76	6.53	39.91	3766	G-12
							32451.58				

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.



SIGNATURE OF REP  
NAME: SUNIL KUMAR RAY  
NAME OF PURCHASER/ CONSUMER



SIGNATURE OF REP  
NAME: SUNIL KUMAR RAY  
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

# COAL ANALYSIS LABORATORY


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

PAGE 1/2


RECONCILE STATEMENT OF BHARATPUR AREA AND NTPC , SIMHADRI (SMI) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5 , 6 , 7 & 8.

FOR THE MONTH OF :-AUGUST--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	MCL 3RD PARTY (K C SHRMA & Co) ANALYSIS RESULT					NTPC SHIMADRI 3RD PARTY (COTECNA ) ANALYSIS RESULT					REMARKS
					TM%	IM%	ASH%	GCV	GRADE	TM%	IM%	ASH%	GCV	GRADE	
1	SMI-01	7	01.08.2015	3605.53	14.27	6.11	40.14	3730	G-12	14.29	6.32	41.42	3718	G-12	
2	SMI-03	7	03.08.2015	3346.96	13.82	6.47	39.66	3792	G-12	13.82	6.42	40.62	3772	G-12	
3	SMI-07	8	05.08.2015	3415.86	13.00	6.58	39.39	3781	G-12	13.10	6.19	40.80	3758	G-12	
4	SMI-09	6	05.08.2015	3697.41	13.81	6.54	39.55	3787	G-12	13.81	6.25	41.44	3757	G-12	
5	N-SMI-04	6	08.08.2015	3945.52	14.29	6.67	40.06	3781	G-12	14.31	6.38	41.38	3722	G-12	
6	N-SMI-05	8	10.08.2015	2177.71	13.59	6.55	38.87	3823	G-12	13.59	6.15	40.98	3773	G-12	
7	SMI-22	5	12.08.2015	3654.72	13.76	6.58	39.19	3837	G-12	13.77	6.11	41.44	3743	G-12	
8	SMI-23	8	12.08.2015	3367.21	13.66	6.58	39.79	3796	G-12	13.67	5.97	41.77	3709	G-12	
9	SMI-27	8	14.08.2015	3576.78	14.24	6.43	39.18	3795	G-12	14.25	6.36	40.94	3720	G-12	
10	SMI-28	7	14.08.2015	3293.01	14.04	6.53	39.38	3845	G-12	14.07	6.22	41.30	3718	G-12	
11	SMI-29	5	14.08.2015	3446.45	13.97	6.48	39.86	3767	G-12	14.01	6.30	40.91	3777	G-12	
12	SMI-30	8	15.08.2015	3646.33	14.21	6.40	38.99	3785	G-12	14.21	6.54	41.16	3711	G-12	
13	N-SMI-09	7	18.08.2015	1321.70	14.10	6.38	40.07	3764	G-12	14.12	6.10	41.20	3742	G-12	
14	N-SMI-10	6	18.08.2015	2404.30	14.18	6.54	39.43	3767	G-12	14.19	5.95	41.74	3749	G-12	
15	SMI-36	5	19.08.2015	3696.50	13.85	6.15	39.45	3806	G-12	13.95	6.28	40.96	3777	G-12	

  
 REPRESENTATIVE  
 NTPC , SIMHADRI (COTECNA)



  
 REPRESENTATIVE  
 MCL , BPR (K C SHARMA & Co)



# COAL ANALYSIS LABORATORY

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

PAGE 2/2

RECONCILE STATEMENT OF BHARATPUR AREA AND NTPC, SIMHADRI (SMI) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.

FOR THE MONTH OF : -AUGUST--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	MCL 3RD PARTY (K C SHARMA & Co) ANALYSIS RESULT					NTPC SHIMADRI 3RD PARTY (COTECNA) ANALYSIS RESULT					REMARKS
					TM%	IM%	ASH%	GCV	GRADE	TM%	IM%	ASH%	GCV	GRADE	
16	SMI-38	8	19.08.2015	3751.26	13.96	6.33	39.32	3798	G-12	13.96	6.10	41.51	3767	G-12	
17	N-SMI-11	5	19.08.2015	2862.39	14.00	6.57	39.37	3780	G-12	14.01	6.26	41.26	3717	G-12	
18	N-SMI-12	6	19.08.2015	3520.92	13.83	6.43	38.87	3836	G-12	13.83	6.20	41.23	3767	G-12	
19	SMI-39	7	20.08.2015	3650.08	13.71	6.35	39.53	3774	G-12	13.71	6.25	40.75	3773	G-12	
20	SMI-40	8	21.08.2015	3644.93	13.75	6.38	39.84	3766	G-12	13.76	6.20	40.92	3778	G-12	
21	SMI-43	7	22.08.2015	3480.55	13.46	6.43	38.97	3838	G-12	13.47	5.92	41.50	3756	G-12	
22	SMI-45	8	23.08.2015	3748.02	13.56	6.54	38.96	3862	G-12	13.57	6.30	40.68	3780	G-12	
23	SMI-50	8	25.08.2015	3363.97	13.92	6.58	39.51	3771	G-12	13.93	6.10	41.81	3729	G-12	
24	SMI-52	8	25.08.2015	3723.37	13.90	6.45	39.96	3756	G-12	13.90	6.07	41.48	3717	G-12	
25	SMI-53	7	26.08.2015	3530.66	14.29	6.41	39.42	3793	G-12	14.29	6.20	41.03	3711	G-12	
26	SMI-54	8	27.08.2015	3309.13	13.92	6.54	38.96	3862	G-12	13.93	6.25	41.07	3747	G-12	
27	SMI-56	8	27.08.2015	3664.34	13.76	6.41	39.49	3800	G-12	13.76	5.78	41.47	3747	G-12	
28	SMI-61	7	30.08.2015	3694.13	13.86	6.58	39.51	3771	G-12	13.86	6.10	41.31	3737	G-12	
29	SMI-65	8	31.08.2015	3724.43	14.15	6.38	39.84	3766	G-12	14.16	6.18	41.28	3737	G-12	
30	N-SMI-17	6	31.08.2015	2524.91	14.03	6.29	39.40	3796	G-12	14.03	5.98	41.06	3778	G-12	

REPRESENTATIVE  
NTPC, SIMHADRI (COAL)



REPRESENTATIVE  
MCL, BPR (K C SHARMA & Co)



# COAL ANALYSIS LABORATORY

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

PAGE 1/1


RECONCILE STATEMENT OF BHARATPUR AREA AND NTPC (TTPS) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.

FOR THE MONTH OF :-AUGUST--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	MCL 3RD PARTY (K C SHRMA & Co) ANALYSIS RESULT				NTPC TTPS 3RD PARTY (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
1	TTPS-42	8	01.08.2015	3372.92	14.58	6.56	39.25	3738	G-12	6.19	41.16	3720	G-12	
2	TTPS-01	6	01.08.2015	3604.23	14.45	6.48	39.14	3742	G-12	6.25	40.31	3766	G-12	
3	TTPS-02	8	02.08.2015	3232.13	14.05	6.48	38.91	3839	G-12	6.21	40.90	3719	G-12	
4	TTPS-07	7	06.08.2015	3404.85	13.29	6.48	39.14	3742	G-12	6.23	41.65	3717	G-12	
5	TTPS-08	8	07.08.2015	3346.64	13.56	6.49	39.71	3751	G-12	6.25	40.92	3774	G-12	
6	TTPS-10	7	08.08.2015	3596.04	13.66	6.43	39.44	3779	G-12	6.10	40.91	3776	G-12	
7	TTPS-16	7	13.08.2015	3431.46	13.97	6.52	39.22	3774	G-12	6.33	41.02	3753	G-12	
8	TTPS-17	7	13.08.2015	3712.07	13.9	6.7	39.5	3765	G-12	6.15	41.29	3750	G-12	
9	TTPS-18	7	14.08.2015	3711.96	14.11	6.62	39.23	3834	G-12	6.20	41.08	3778	G-12	
10	TTPS-20	6	15.08.2015	3528.64	14.19	6.47	39.09	3779	G-12	6.25	41.38	3747	G-12	
11	TTPS-22	8	17.08.2015	3650.01	14.08	6.19	39.6	3784	G-12	6.17	41.28	3764	G-12	
12	TTPS-23	7	18.08.2015	3663.63	14.06	6.19	39.6	3784	G-12	6.19	41.63	3721	G-12	
13	TTPS-24	7	19.08.2015	3558.65	13.85	6.49	39.83	3768	G-12	6.15	41.64	3729	G-12	
14	TTPS-26	8	21.08.2015	3706.62	14.16	6.49	38.56	3744	G-12	6.09	41.94	3712	G-12	
15	TTPS-30	7	25.08.2015	3631.82	13.66	6.64	38.76	3804	G-12	6.15	41.66	3714	G-12	
16	TTPS-33	7	28.08.2015	3617.87	13.95	6.41	39.2	3787	G-12	6.06	41.63	3723	G-12	
17	TTPS-34	5	29.08.2015	3687.41	13.65	6.42	39.19	3781	G-12	6.22	41.55	3737	G-12	
18	TTPS-35	8	30.08.2015	3795.11	13.84	6.45	39.96	3756	G-12	6.54	41.37	3731	G-12	
19	TTPS-36	7	31.08.2015	3735.12	13.77	6.36	39.84	3772	G-12	6.22	41.43	3723	G-12	

  
 REPRESENTATIVE  
 NTPC, TTPS  
 (COTECNA)



  
 REPRESENTATIVE  
 MCL, BA (K C SHARMA & Co)





# COAL ANALYSIS LABORATORY

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

PAGE 2/3

RECONCILE STATEMENT OF BHARATPUR AREA AND NTECL (COTECNA) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.

FOR THE MONTH OF :-JULY--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	MCL 3RD PARTY (K C SHARMA & Co) ANALYSIS RESULT				NTECL 3RD PARTY (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
16	N-NTECL-14	6	10-08-2015	3926.95	13.67	6.69	39.56	3783	G-12	6.4	40.15	3791	G-12	
17	NTECL(B)-11	8	11-08-2015	3586.52	13.63	6.55	39.83	3774	G-12	5.99	40.95	3805	G-12	
18	NTECL(B)-14	8	12-08-2015	3828.87	13.69	6.53	38.93	3763	G-12	6.48	40.69	3778	G-12	
19	N-NTECL-16	6	12-08-2015	3754.78	13.87	6.18	40.34	3744	G-12	6.06	40.63	3809	G-12	
20	NTECL(B)-15	8	13-08-2015	3781.67	13.75	6.37	38.82	3793	G-12	6.45	40.13	3806	G-12	
21	N-NTECL-18	6	14-08-2015	3881.29	14.05	6.53	39.45	3776	G-12	6.56	40.07	3803	G-12	
22	NTECL(B)-19	7	15-08-2015	3697.11	14.28	6.40	38.99	3785	G-12	6.1	40.72	3796	G-12	
23	NTECL(B)-20	8	16-08-2015	3492.13	14.17	6.43	39.99	3768	G-12	6.18	40.49	3798	G-12	
24	N-NTECL-21	6	16-08-2015	3595.50	14.02	6.61	39.56	3765	G-12	6.29	40.65	3787	G-12	
25	NTECL(B)-24	6	17-08-2015	3734.42	14.29	6.59	39.72	3793	G-12	6	41.14	3802	G-12	
26	N-NTECL-22	6	18-08-2015	4107.50	14.14	6.06	39.73	3805	G-12	5.98	41.32	3796	G-12	
27	NTECL(B)-27	8	20-08-2015	3671.52	13.98	6.43	39.57	3771	G-12	6.34	41.08	3743	G-12	
28	NTECL(B)-29	7	21-08-2015	3741.01	13.66	6.39	38.96	3819	G-12	6.25	40.23	3809	G-12	
29	N-NTECL-25	5	21-08-2015	3822.27	13.89	6.52	39.54	3798	G-12	6.43	40.44	3784	G-12	

  
 REPRESENTATIVE  
 NTECL  
 (COTECNA)  


  
 REPRESENTATIVE  
 MCL, BHARATPUR  
 (K C SHARMA & Co)

# COAL ANALYSIS LABORATORY

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

RECONCILE STATEMENT OF BHARATPUR AREA AND NTECL (COTECNA) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.

FOR THE MONTH OF :-JULY--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	MCL 3RD PARTY (K C SHRMA & Co) ANALYSIS RESULT				NTECL 3RD PARTY (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
30	NTECL(B)-31	8	22.08.2015	3504.46	13.90	6.19	39.6	3784	G-12	6.41	40.95	3745	G-12	
31	N-NTECL-26	5	22.08.2015	3721.24	13.79	5.88	39.99	3818	G-12	6.20	40.67	3792	G-12	
32	NTECL(B)-32	8	23.08.2015	3516.38	13.74	6.41	39.49	3800	G-12	6.35	40.62	3766	G-12	
33	N-NTECL-27	6	23.08.2015	3760.01	13.85	6.54	39.78	3766	G-12	6.15	41.67	3719	G-12	
34	NTECL(B)-34	7	24.08.2015	3671.12	13.94	6.45	39.42	3792	G-12	6.28	40.82	3779	G-12	
35	N-NTECL-28	6	24.08.2015	3947.22	13.84	6.32	39.05	3926	G-12	6.02	40.99	3807	G-12	
36	N-NTECL-29	5	26.08.2015	3894.25	14.02	6.64	38.66	3905	G-12	6.16	41.59	3743	G-12	
37	NTECL(B)-37	8	29.08.2015	3636.51	13.86	6.45	39.42	3792	G-12	6.40	41.18	3727	G-12	
38	NTECL(B)39	8	30.08.2015	3704.13	13.68	6.43	39.57	3771	G-12	6.55	40.09	3797	G-12	
39	N-NTECL-32	5	31.08.2015	3774.47	14.03	6.36	39.51	3773	G-12	5.89	41.7	3750	G-12	

  
 REPRESENTATIVE  
 NTECL  
 (COTECNA)  


  
 REPRESENTATIVE  
 MCL  
 (K C SHARMA & Co)

# COAL ANALYSIS LABORATORY

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

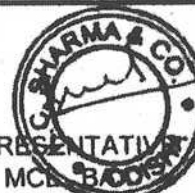
PAGE 1/3

RECONCILE STATEMENT OF BHARATPUR AREA AND NTECL (COTECNA) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.

FOR THE MONTH OF :-AUGUST--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	MCL 3RD PARTY (K C SHARMA & Co) ANALYSIS RESULT				NTECL 3RD PARTY (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
1	NTECL[B]-35	5	01.08.2015	3678.67	14.40	6.54	39.71	3839	G-12	6.35	40.42	3778	G-12	
2	NTECL(B)-02	7	01.08.2015	3524.32	14.20	6.67	40.15	3747	G-12	5.98	41.38	3727	G-12	
3	NTECL(B)-03	7	02.08.2015	3397.89	14.11	6.48	40.05	3756	G-12	5.95	41.03	3710	G-12	
4	N-NTECL-02	6	02.08.2015	3939.00	13.98	6.53	39.52	3778	G-12	6.28	40.30	3773	G-12	
5	NTECL(B)-05	8	03.08.2015	3408.53	13.88	6.38	40.07	3749	G-12	6.48	39.53	3862	G-12	
6	NTECL(B)-06	7	03.08.2015	3613.22	13.65	6.69	39.96	3742	G-12	5.86	40.21	3845	G-12	
7	NTECL[B]-07	5	03.08.2015	3025.92	13.49	6.28	39.66	3782	G-12	5.95	41.39	3761	G-12	
8	N-NTECL-04	6	03.08.2015	3972.30	13.72	6.61	39.56	3765	G-12	6.00	40.77	3795	G-12	
9	NTECL[B]-08	6	04.08.2015	3320.07	13.43	6.41	39.96	3789	G-12	5.78	40.99	3820	G-12	
10	N-NTECL-06	5	04.08.2015	3918.00	13.44	6.04	38.98	3806	G-12	6.14	41.43	3728	G-12	
11	NTECL(B)-09	7	05.08.2015	3684.53	13.59	6.63	40.07	3782	G-12	6.45	40.05	3801	G-12	
12	N-NTECL-07	5	05.08.2015	3848.76	13.37	6.31	39.60	3726	G-12	6.25	41.40	3738	G-12	
13	N-NTECL-10	6	07.08.2015	3862.02	13.27	6.24	39.65	3770	G-12	6.22	40.61	3815	G-12	
14	N-NTECL-11	8	08.08.2015	3973.20	13.57	6.53	39.52	3778	G-12	6.00	41.06	3791	G-12	
15	N-NTECL-12	6	08.08.2015	3925.88	14.05	6.48	39.14	3742	G-12	6.15	40.74	3810	G-12	

  
 REPRESENTATIVE  
 NTECL  
 (COTECNA)

  
 REPRESENTATIVE  
 MCL BOARD  
 (K C SHARMA & Co)

# COAL ANALYSIS LABORATORY

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

PAGE 2/3

RECONCILE STATEMENT OF BHARATPUR AREA AND NTECL (COTECNA) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.

FOR THE MONTH OF :-JULY--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	MCL 3RD PARTY (K C SHRMA & Co) ANALYSIS RESULT				NTECL 3RD PARTY (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
16	N-NTECL-14	6	10-08-2015	3926.95	13.67	6.69	39.56	3783	G-12	6.4	40.15	3791	G-12	
17	NTECL(B)-11	8	11-08-2015	3586.52	13.63	6.55	39.83	3774	G-12	5.99	40.95	3805	G-12	
18	NTECL(B)14	8	12-08-2015	3828.87	13.69	6.53	38.93	3763	G-12	6.48	40.69	3778	G-12	
19	N-NTECL-16	6	12-08-2015	3754.78	13.87	6.18	40.34	3744	G-12	6.06	40.63	3809	G-12	
20	NTECL(B)-15	8	13-08-2015	3781.67	13.75	6.37	38.82	3793	G-12	6.45	40.13	3806	G-12	
21	N-NTECL-18	6	14-08-2015	3881.29	14.05	6.53	39.45	3776	G-12	6.56	40.07	3803	G-12	
22	NTECL(B)-19	7	15-08-2015	3697.11	14.28	6.40	38.99	3785	G-12	6.1	40.72	3796	G-12	
23	NTECL(B)-20	8	16-08-2015	3492.13	14.17	6.43	39.99	3768	G-12	6.18	40.49	3798	G-12	
24	N-NTECL-21	6	16-08-2015	3595.50	14.02	6.61	39.56	3765	G-12	6.29	40.65	3787	G-12	
25	NTECL(B)-24	6	17-08-2015	3734.42	14.29	6.59	39.72	3793	G-12	6	41.14	3802	G-12	
26	N-NTECL-22	6	18-08-2015	4107.50	14.14	6.06	39.73	3805	G-12	5.98	41.32	3796	G-12	
27	NTECL(B)-27	8	20-08-2015	3671.52	13.98	6.43	39.57	3771	G-12	6.34	41.08	3743	G-12	
28	NTECL(B)-29	7	21-08-2015	3741.01	13.66	6.39	38.96	3819	G-12	6.25	40.23	3809	G-12	
29	N-NTECL-25	5	21-08-2015	3822.27	13.89	6.52	39.54	3798	G-12	6.43	40.44	3784	G-12	

  
 REPRESENTATIVE  
 NTECL  
 (COTECNA)  
 BHARATPUR  
 K. C. SHARMA & CO. LTD.

  
 REPRESENTATIVE  
 M.C.L. BHARATPUR  
 (K C SHARMA & Co)



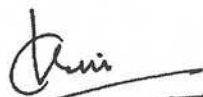

# COAL ANALYSIS LABORATORY

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

RECONCILE STATEMENT OF BHARATPUR AREA AND NTECL (COTECNA) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.

FOR THE MONTH OF :-JULY--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	MCL 3RD PARTY (K C SHARMA & Co) ANALYSIS RESULT				NTECL 3RD PARTY (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
30	NTECL(B)-31	8	22.08.2015	3504.46	13.90	6.19	39.6	3784	G-12	6.41	40.95	3745	G-12	
31	N-NTECL-26	5	22.08.2015	3721.24	13.79	5.88	39.99	3818	G-12	6.20	40.67	3792	G-12	
32	NTECL(B)-32	8	23.08.2015	3516.38	13.74	6.41	39.49	3800	G-12	6.35	40.62	3766	G-12	
33	N-NTECL-27	6	23.08.2015	3760.01	13.85	6.54	39.78	3766	G-12	6.15	41.67	3719	G-12	
34	NTECL(B)-34	7	24.08.2015	3671.12	13.94	6.45	39.42	3792	G-12	6.28	40.82	3779	G-12	
35	N-NTECL-28	6	24.08.2015	3947.22	13.84	6.32	39.05	3926	G-12	6.02	40.99	3807	G-12	
36	N-NTECL-29	5	26.08.2015	3894.25	14.02	6.64	38.66	3905	G-12	6.16	41.59	3743	G-12	
37	NTECL(B)-37	8	29.08.2015	3636.51	13.86	6.45	39.42	3792	G-12	6.40	41.18	3727	G-12	
38	NTECL(B)39	8	30.08.2015	3704.13	13.68	6.43	39.57	3771	G-12	6.55	40.09	3797	G-12	
39	N-NTECL-32	5	31.08.2015	3774.47	14.03	6.36	39.51	3773	G-12	5.89	41.7	3750	G-12	

  
 REPRESENTATIVE  
 NTECL  
 (COTECNA)  


  
 REPRESENTATIVE  
 MCL, BA  
 (K C SHARMA & Co)



# K C SHARMA & Co

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

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

Annexure- I V

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :-AUGUST-2015

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibratedCondition at 60% RH & 40°C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	8	G-12	01-08-2015	SEBD-02	261005505	3690.17	14.33	6.25	39.40	3770	G-12
2	8	G-12	01-08-2015	SFBD-01	261005506	3552.49	14.61	6.51	39.50	3754	G-12
3	5	G-12	03-08-2015	N-SEBD-01	261008797	4158.20	13.88	6.19	40.88	3734	G-12
4	7	G-12	03-08-2015	SEBD-03	261005513	3503.39	14.20	6.46	39.41	3810	G-12
5	7	G-12	06-08-2015	SEBD-05	241000316	3358.16	13.05	6.24	40.07	3768	G-12
6	7	G-12	07-08-2015	SEBD-08	261005528	3352.08	13.24	6.39	39.97	3781	G-12
7	7	G-12	08-08-2015	SEBD-09	251000010	3394.66	12.95	6.22	40.36	3745	G-12
8	6	G-12	09-08-2015	SEBD-11	261008825	3633.75	14.05	6.21	40.31	3779	G-12
9	5	G-12	10-08-2015	SEBD-13	261008826	3817.77	13.67	6.09	40.28	3787	G-12
10	6	G-12	11-08-2015	SEBD-14	261008831	3701.02	13.10	6.15	40.19	3799	G-12

1. Samples received for analysis were sealed and jointly signed at loading ends. 36161.69

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.

SIGNATURE OF REP  
NAME: -  
NAME OF PURCHASER/ CONSUM



SIGNATURE OF REP  
NAME: -  
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

# K C SHARMA & Co

H.O 16 Advance apartment Plot No.134 Ward 12/C Lila Shan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02838224300

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

Annexure- I V

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :- AUGUST-2015

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	8	G-12	01-08-2015	SEBD-02	261005505	3690.17	14.33	6.25	39.40	3770	G-12
2	8	G-12	01-08-2015	SFBD-01	261005506	3552.49	14.61	6.51	39.50	3754	G-12
3	5	G-12	03-08-2015	N-SEBD-01	261008797	4158.20	13.88	6.19	40.88	3734	G-12
4	7	G-12	03-08-2015	SEBD-03	261005513	3503.39	14.20	6.46	39.41	3810	G-12
5	7	G-12	06-08-2015	SEBD-05	241000316	3358.16	13.05	6.24	40.07	3768	G-12
6	7	G-12	07-08-2015	SEBD-08	261005528	3352.08	13.24	6.39	39.97	3781	G-12
7	7	G-12	08-08-2015	SEBD-09	251000010	3394.66	12.95	6.22	40.36	3745	G-12
8	6	G-12	09-08-2015	SEBD-11	261008825	3633.75	14.05	6.21	40.31	3779	G-12
9	5	G-12	10-08-2015	SEBD-13	261008826	3817.77	13.67	6.09	40.28	3787	G-12
10	6	G-12	11-08-2015	SEBD-14	261008831	3701.02	13.10	6.15	40.19	3799	G-12

1. Samples received for analysis were sealed and jointly signed at loading ends. 36161.69

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.

SIGNATURE OF REPR  
NAME: -  
NAME OF PURCHASER/ CONSUMER



SIGNATURE OF REP  
NAME: -  
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

# K C SHARMA & Co

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

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

Annexure- I V

**RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V,VI ,VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :-AUGUST-2015**

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibratedCondition at 60% RH & 40'C temperature.			
								Moist %	Ash %	GCV In K-Cal/Kg	Grade
11	7	G-12	11-08-2015	SEBD-15	261005543	3511.05	13.57	6.26	40.70	3736	G-12
12	7	G-12	12-08-2015	SEBD-16	261005548	3553.07	14.39	6.40	39.18	3758	G-12
13	8	G-12	13-08-2015	SEBD-17	261005551	3689.83	13.75	6.00	40.34	3773	G-12
14	6	G-12	15-08-2015	SEBD-21	261008847	3771.30	14.02	6.03	39.86	3791	G-12
15	8	G-12	16-08-2015	SEBD-22	261005567	3729.31	13.87	5.95	40.49	3732	G-12
16	7	G-12	16-08-2015	SEBD-23	261005570	3697.22	14.07	6.00	40.85	3748	G-12
17	5	G-12	17-08-2015	N-SEBD-03	261008855	3763.40	14.28	6.02	40.96	3763	G-12
18	5	G-12	17-08-2015	SEBD-24	261008853	3791.60	14.21	6.12	40.18	3819	G-12
19	5	G-12	18-08-2015	N-SEBD-04	261008862	3978.22	14.05	6.11	40.35	3782	G-12
20	8	G-12	18-08-2015	SEBD-25	261005576	3337.02	13.90	6.10	40.06	3770	G-12
21	7	G-12	18-08-2015	SEBD-26	261005578	3725.51	13.89	6.19	40.64	3752	G-12

1. Samples received for analysis were seated and jointly signed at loading ends. 36822.02
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.

SIGNATURE OF REP  
NAME: -  
NAME OF PURCHASER/CONSUMER



SIGNATURE OF REP  
NAME: -SUNIL SAHOO  
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

# K C SHARMA & Co

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

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

Annexure-IV

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF : AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
22	6	G-12	19-08-2015	SEBD-27	261008865	3775.04	13.66	6.38	38.97	3866	G-12
23	6	G-12	19-08-2015	SEBD-28	261008867	3793.85	13.83	6.16	40.09	3805	G-12
24	6	G-12	20-08-2015	SEBD-29	261008871	3493.11	13.78	6.48	39.48	3824	G-12
25	6	G-12	21-08-2015	N-SEBD-05	261008879	4089.81	14.02	6.53	38.79	3819	G-12
26	5	G-12	21-08-2015	SEBD-30	261008876	3713.42	13.85	6.17	37.73	3843	G-12
27	7	G-12	22-08-2015	SEBD-31	261005593	3556.64	13.47	6.03	41.01	3738	G-12
28	8	G-12	22-08-2015	SEBD-32	261005597	3723.51	13.90	6.15	39.06	3789	G-12
29	8	G-12	23-08-2015	SEBD-33	261005599	3704.06	13.66	5.93	40.33	3798	G-12
30	6	G-12	27-08-2015	N-SEBD-06	261008905	4069.08	14.06	6.49	40.08	3765	G-12
31	6	G-12	30-08-2015	N-SEBD-07	261008917	4069.60	13.85	6.08	39.86	3796	G-12
32	5	G-12	31-08-2015	SEBD-35	241000513	3729.12	13.77	6.52	39.34	3807	G-12

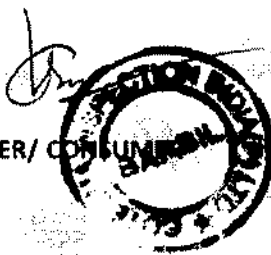
1. Samples received for analysis were sealed and jointly signed at loading ends.

37988.12

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.

SIGNATURE OF REP  
NAME: -  
NAME OF PURCHASER/ CONSUMER



SIGNATURE OF REP  
NAME: -  
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

# K C SHARMA & Co

H O 16 Advance apartment Plot No.134 Ward 12/C Lha Bhan Nagar  
Gandhidham (Kutchh) 370201 Phone No 82836224300

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

Area - BHARATPUR

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF AUGUST 2015

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY:- MCL

AREA - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result in equilibrated condition at 50% RH & 40°C temperature			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
11	5	G-12	13-08-2015	MGBK-17	241000506	3695.32	14.02	6.22	39.76	3274	G-12
12	8	G-12	13-08-2015	MGBK-18	261005554	3584.82	14.05	6.07	39.35	3261	G-12
13	6	G-12	14-08-2015	MGBK-21	261006845	3854.80	14.41	6.03	39.60	3281	G-12
14	6	G-12	16-08-2015	MGBK-25	241000508	3876.53	14.19	5.96	39.58	3275	G-12
15	6	G-12	17-08-2015	MGBK-26	241000509	3744.26	13.87	6.01	39.52	3260	G-12
16	7	G-12	17-08-2015	MGBK-27	261005574	3694.92	13.77	5.86	39.97	3273	G-12
17	5	G-12	19-08-2015	MGBK-31	241000510	3709.82	13.66	6.43	39.54	3275	G-12
18	7	G-12	20-08-2015	MGBK-32	261005584	3645.42	13.85	6.38	40.44	3278	G-12
19	6	G-12	20-08-2015	MGBK-33	261008872	3816.12	14.16	6.43	40.92	3282	G-12
20	6	G-12	21-08-2015	MGBK-34	261008875	3864.41	14.01	6.04	39.51	3275	G-12

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

37490 42

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.

SIGNATURE OF REP  
NAME: -CHHABI SWAIN  
NAME OF PURCHASER/



SIGNATURE OF REP  
NAME: -SUNIL BAHOO  
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





# K C SHARMA & Co

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

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

Annexure- I V

**RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :- AUGUST-2015**

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty In MT. as per RR	T M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	6	G-12	04-08-2015	N-KPPS-01	262002666	3568.50	13.57	6.47	39.09	3779	G-12
2	7	G-12	11-08-2015	KPPS(B)-01	262001428	3202.20	13.24	6.45	39.21	3708	G-12
3	5	G-12	11-08-2015	N-KPPS-03	262002695	3480.72	13.41	6.58	39.53	3787	G-12
4	5	G-12	15-08-2015	N-KPPS-04	262002707	3810.70	12.87	6.19	39.09	3775	G-12
5	6	G-12	20-08-2015	N-KPPS-06	262002726	3845.50	13.27	6.72	39.34	3781	G-12
6	6	G-12	22-08-2015	N-KPPS-07	262002731	3600.66	13.22	6.27	39.79	3761	G-12
7	5	G-12	27-08-2015	N-KPPS-08	262002763	3977.40	14.05	6.57	39.26	3799	G-12

1. Samples received for analysis were sealed and jointly signed at loading ends. 25485.68
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.

SIGNATURE OF REP  
NAME: - *[Signature]*  
NAME OF PURCHASER/ CONSUMER



SIGNATURE OF REP  
NAME: SUNIL SAHOO  
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

# K C SHARMA & Co

H.O 16 Advance apartment Plot No.134 Ward 12/C Lila Shan Nagar  
Gandhidham (Kutchh) 370201 Phone No.02838224300

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

Annexure- I V

**RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :- AUGUST-2015**

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery / Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty In MT. as per RR	T M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	6	G-12	02-08-2015	N-BTPC-01	262002859	3885.01	13.00	6.35	38.04	3848	G-12
2	5	G-12	02-08-2015	N-BTPC-02	262002861	3868.24	14.24	6.48	38.08	3801	G-12
3	5	G-12	07-08-2015	BTPC(B)-01	242000093	3722.00	13.50	6.30	38.35	3760	G-12
4	7	G-12	23-08-2015	N-BTPC-05	262001428	804.40	14.21	6.18	38.41	3870	G-12
5	7	G-12	24-08-2015	BTPC(B)-4	202001430	3734.80	14.20	6.33	40.30	3780	G-12
6	5	G-12	28-08-2015	N-BTPC-07	202002768	2316.50	13.01	6.48	38.97	3802	G-12
7	5	G-12	31-08-2015	N-BTPC-08	202002778	3858.20	14.20	6.67	38.90	3763	G-12

- 22280.16
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) 1979 for determination of GCV.
  3. Wagons statement is enclosed.

  
 SIGNATURE OF REP  
 NAME: -ABHINAV GHOSH  
 NAME OF PURCHASER/CONSUMER REP.

  
 SIGNATURE OF REP  
 NAME: -BUNIL GHOSH  
 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

# K C SHARMA & Co

H.O 16 Advance apartment Plot No.134 Ward 12/C Lila Shan Nagar

Gandhidham (Kutchh) 370201 Phone No.02836224300

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

Annexure- IV

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :- AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibrated Condition at 60% RH & 40'C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	5	G-12	01-08-2015	N-HEBS-01	212001432	3848.10	14.32	6.58	39.45	3798	G-12
2	6	G-12	03-08-2015	N-HEBS-02	212001433	3555.84	13.15	6.61	39.08	3789	G-12
3	6	G-12	05-08-2015	N-HEBS-04	242000091	3921.19	13.14	6.33	39.43	3722	G-12
4	6	G-12	05-08-2015	N-HEBS-05	242000092	3849.95	13.22	6.24	38.80	3746	G-12
5	6	G-12	07-08-2015	N-HEBS-07	212001435	3947.71	12.97	6.08	40.01	3774	G-12
6	5	G-12	08-08-2015	N-HEBS-08	212001436	3974.80	13.45	6.39	39.15	3769	G-12
7	6	G-12	09-08-2015	N-HEBS-09	212001439	3902.19	13.14	6.35	38.94	3848	G-12
8	5	G-12	16-08-2015	N-HEBS-11	262002712	3976.30	13.37	6.46	39.61	3806	G-12
9	6	G-12	17-08-2015	N-HEBS-12	262002720	4042.31	13.08	6.38	39.28	3793	G-12
10	5	G-12	18-08-2015	N-HEBS-13	262002722	3954.12	13.95	6.04	38.98	3806	G-12

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

38972.51

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 is enclosed.

  
  
 SIGNATURE OF REP  
 NAME: -KALLOL PRADHAN  
 NAME OF PURCHASER/ CONSUMER

  
  
 SIGNATURE OF REP  
 NAME: -SUNIL SAHOO  
 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



# K C SHARMA & Co

H.O 16 Advance apartment Plot No.134 Ward 12/C Lila Shan Nagar

Gandhidham (Kutchh) 370201 Phone No.02836224300

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

Annexure- IV

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V,VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :-AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibratedCondition at 60% RH & 40'C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
11	6	G-12	19-08-2015	N-HEBS-14	262002725	3974.62	13.22	6.54	38.72	3753	G-12
12	5	G-12	20-08-2015	N-HEBS-15	262002729	3931.62	13.45	6.38	39.77	3788	G-12
13	6	G-12	21-08-2015	N-HEBS-16	262002732	3921.65	14.41	6.39	39.08	3827	G-12
14	6	G-12	22-08-2015	N-HEBS-17	262002733	3962.94	13.90	6.13	39.50	3818	G-12
15	5	G-12	23-08-2015	N-HEBS-18	262002739	3981.60	14.22	6.39	40.39	3753	G-12
16	5	G-12	26-08-2015	N-HEBS-20	262002749	4013.30	13.53	6.31	39.14	3788	G-12
17	5	G-12	27-08-2015	N-HEBS-21	262002759	3980.20	13.44	6.41	39.43	3777	G-12
18	6	G-12	28-08-2015	N-HEBS-22	262002765	3878.42	13.59	6.46	39.09	3796	G-12
19	5	G-12	30-08-2015	N-HEBS-24	262002772	4012.37	13.20	6.24	39.72	3828	G-12
20	6	G-12	31-08-2015	N-HEBS-25	262002775	3935.04	14.05	6.36	39.32	3775	G-12

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

39591.76

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

3. Wagons statement is enclosed.

  
SIGNATURE OF REP  
NAME: -KALLOL PRADHAN  
NAME OF PURCHASER/ CONSUMER

  
SIGNATURE OF REP  
NAME: -SUNIL SAHOO  
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

# K C SHARMA & Co

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

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

Annexure- I V

**RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :- AUGUST-2015**

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
21	7	G-12	21-08-2015	MGBK-35	261005589	3793.33	13.79	6.18	40.54	3758	G-12
22	5	G-12	21-08-2015	MGBK-37	261008880	3862.63	13.96	6.51	40.22	3760	G-12
23	7	G-12	22-08-2015	MGBK-39	261005610	3498.72	13.94	6.35	39.49	3810	G-12
24	5	G-12	23-08-2015	MGBK-40	261008885	3856.92	14.29	6.18	40.10	3798	G-12
25	6	G-12	24-08-2015	N-MGBK-01	261008888	4122.57	13.84	6.48	40.23	3773	G-12
26	6	G-12	25-08-2015	MGBK-41	261008897	3965.73	13.93	6.29	40.15	3821	G-12
27	6	G-12	27-08-2015	MGBK-42	261008904	3874.47	13.86	6.28	39.90	3803	G-12
28	8	G-12	29-08-2015	MGBK-44	261005621	3629.44	14.03	6.27	39.65	3771	G-12

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

30603.81

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.

SIGNATURE OF REP  
NAME: -CHHABI SWAIN  
NAME OF PURCHASER/



SIGNATURE OF REP  
NAME: -SUNIL SAHOO  
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

# K C SHARMA & Co

H.O 16 Advance apartment Plot No.134 Ward 12/C Lila Shan Nagar

Gandhidham (Kutchh) 370201 Phone No.02836224300

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

Annexure- I V

RAKEWISE ANALYSIS RESULTS OF COAL SAMPLES, COLLECTED FROM SIDING NO V,VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF :-AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

AREA: - BHARATPUR AREA

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

SL.No	Name of siding / colliery/ Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rake/ Sample No	Railway Receipt No	Qty in MT. as per RR	T M %	Analysis result on equilibrated Condition at 60% RH & 40'C temperature.			
								Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	7	G-12	01-08-2015	MGBK-39	261005501	3724.36	14.34	6.66	39.68	3767	G-12
2	6	G-12	05-08-2015	MGBK-01	261008808	3848.48	13.06	6.24	39.47	3802	G-12
3	8	G-12	05-08-2015	MGBK-02	261005523	3656.01	13.24	6.40	39.49	3779	G-12
4	6	G-12	07-08-2015	MGBK-05	261008815	3893.11	13.10	6.42	39.98	3789	G-12
5	7	G-12	08-08-2015	MGBK-07	261005529	3898.02	12.97	6.21	40.58	3754	G-12
6	6	G-12	08-08-2015	MGBK-08	261008820	3757.49	13.59	6.37	39.69	3791	G-12
7	5	G-12	09-08-2015	MGBK-09	261008823	3675.81	14.05	6.25	40.26	3781	G-12
8	7	G-12	09-08-2015	MGBK-10	261005535	3798.11	14.31	6.14	40.70	3740	G-12
9	7	G-12	10-08-2015	MGBK-12	261005539	3782.31	14.20	6.55	39.70	3798	G-12
10	8	G-12	11-08-2015	MGBK-14	261005544	3780.66	13.24	6.33	40.28	3756	G-12

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

37814.36

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.

SIGNATURE OF REP  
NAME: -CHHABI SWAIN  
NAME OF PURCHASER/ CONSUMER



SIGNATURE OF REP  
NAME: -SUNIL KUMAR SHARMA & Co.  
NAME OF 3rd PARTY



Distribution: Coal Company

1. Concerned Area GM
2. Office of the GM (QC)
3. Office 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 : www.superintendence.com

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

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

PAGE -- 01

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 - II	G-13	03-08-2015	59	10	462000201	03-08-2015	3703.01	BXQ	03-08-2015	6.20	42.60	3456.90	G-13
2	LOCM - II	G-13	03-08-2015	57	11	462000202	03-08-2015	3587.43	BXQ	03-08-2015	6.70	40.60	3587.00	G-13
3	LOCM - II	G-13	05-08-2015	57	15	462000204	05-08-2015	3552.68	BXQ	05-08-2015	6.40	42.70	3488.30	G-13
4	LOCM - II	G-13	05-08-2015	59	18	462000205	06-08-2015	3695.81	BXQ	06-08-2015	7.00	39.80	3633.10	G-13
5	LOCM - II	G-13	06-08-2015	58	19	462000206	06-08-2015	3648.01	BXQ	06-08-2015	6.60	41.20	3538.90	G-13
6	LOCM - II	G-13	07-08-2015	59	23	462000208	07-08-2015	3750.61	BXQ	07-08-2015	6.70	40.20	3582.20	G-13
7	LOCM - II	G-13	08-08-2015	59	26	442000010	08-08-2015	3709.11	BXQ	08-08-2015	7.00	39.60	3641.80	G-13
8	LOCM - II	G-13	08-08-2015	57	28	462000210	08-08-2015	3596.56	BXQ	08-08-2015	6.60	40.70	3545.50	G-13
9	LOCM - II	G-13	08-08-2015	57	29	462000211	09-08-2015	3562.96	BXQ	09-08-2015	6.10	42.80	3473.80	G-13
10	LOCM - II	G-13	09-08-2015	58	30	462000212	09-08-2015	3665.72	BXQ	09-08-2015	6.40	43.00	3464.20	G-13
11	LOCM - I	G-13	10-08-2015	58	35	462000181	10-08-2015	3687.72	BXQ	10-08-2015	6.60	40.90	3525.20	G-13
12	LOCM - II	G-13	22-08-2015	57	76	462000218	22-08-2015	3630.00	BXQ	22-08-2015	6.40	41.90	3517.20	G-13
13	LOCM - I	G-13	22-08-2015	57	84	462000184	23-08-2015	3547.03	BXQ	22-08-2015	7.00	39.70	3632.10	G-13
14	LOCM - I	G-13	23-08-2015	54	85	462000185	23-08-2015	3381.76	BXQ	23-08-2015	6.20	42.60	3495.90	G-13
15	LOCM - II	G-13	23-08-2015	55	81	462000219	24-08-2015	3414.21	BXQ	23-08-2015	6.70	40.50	3577.90	G-13

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

CONT.....PAGE 02

Date-05.09.2015

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.

1. Concerned Area SM(QC)

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

3. Office of Purchase /Consumer.

Sign of Rep.

NAME:M.K.MISHRA

NAME OF COAL CO., MCL

Area Laboratory

IB Valley Area MCL

Sign of Rep.

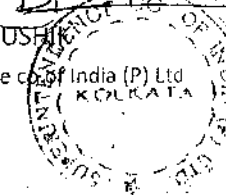
Name : Punnaful sabbu

Name of Purchser/Comsumer

Sign of Rep.

NAME: B. KAUSHIK

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 AUGUST 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

PAGE - -02

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 <sup>o</sup> C temp./GCV			
						No.	Date				M%	Ash%	GCV	Grade
16	LOCM - II	G-13	24-08-2015	54	82	462000220	24-08-2015	3342.76	BXQ	24-08-2015	7.00	39.80	3659.90	G-13
17	LOCM - II	G-13	24-08-2015	54	84	462000221	24-08-2015	3444.42	BXQ	24-08-2015	6.80	40.70	3560.30	G-13
18	LOCM - I	G-13	24-08-2015	59	92	462000186	25-08-2015	3700.81	BXQ	24-08-2015	6.20	42.70	3474.70	G-13
19	LOCM - I	G-13	25-08-2015	53	95	462000187	25-08-2015	3337.13	BXQ	25-08-2015	6.90	40.10	3595.30	G-13
20	LOCM - II	G-13	25-08-2015	59	89	462000222	26-08-2015	3658.41	BXQ	26-08-2015	6.50	42.10	3490.50	G-13
21	LOCM - I	G-13	26-08-2015	53	99	462000188	26-08-2015	3346.12	BXQ	26-08-2015	6.20	41.20	3510.10	G-13
22	LOCM - II	G-13	26-08-2015	58	93	462000224	27-08-2015	3612.52	BXQ	27-08-2015	6.60	40.20	3571.80	G-13
23	LOCM - II	G-13	27-08-2015	57	96	462000225	27-08-2015	3361.73	BXQ	27-08-2015	6.40	41.90	3521.30	G-13
24	LOCM - II	G-13	28-08-2015	57	98	462000226	28-08-2015	3394.73	BXQ	28-08-2015	6.50	41.40	3525.20	G-13
25	LOCM - II	G-13	28-08-2015	57	100	462000227	29-08-2015	3405.63	BXQ	28-08-2015	7.00	39.80	3624.90	G-13
26	LOCM - II	G-13	29-08-2015	57	102	462000228	29-08-2015	3469.93	BXQ	29-08-2015	6.30	42.30	3489.10	G-13
27	LOCM - I	G-13	29-08-2015	55	109	462000189	29-08-2015	3401.58	BXQ	29-08-2015	7.10	39.50	3655.50	G-13
28	LOCM - I	G-13	30-08-2015	57	112	462000190	30-08-2015	3385.73	BXQ	30-08-2015	6.80	40.60	3561.80	G-13
29	LOCM - I	G-13	31-08-2015	57	116	462000191	31-08-2015	3379.63	BXQ	31-08-2015	6.50	42.20	3521.00	G-13
<b>TOTAL</b>								<b>102373.75</b>						
<b>WEIGHTED AVERAGE</b>											<b>6.60</b>	<b>41.15</b>	<b>3548.58</b>	<b>G-13</b>

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

Date-05.09.2015

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.

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

Sign of Rep.

NAME: M.K. MISHRA

NAME OF COAL CO., MCL

Sr. Technical Inspector  
Area Laboratory  
Ib Valley Area M.C.L

Sign of Rep.

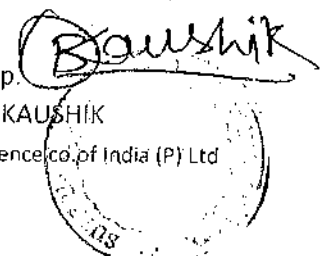
Name : Punmalal sahu

Name of Purchser/Comsumer

Sign of Rep.

NAME: B. KAUSHIK

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 -AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MAHANADI COALFIELDS LIMITED

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	04-08-2015	58	15	162000340	05-08-2015	3981.40	MTSS	04-08-2015	6.30	43.10	3456.90	G-13
2	LOCM - I	G-13	08-08-2015	51	27	162000345	08-08-2015	3375.93	MTSS	08-08-2015	6.10	42.70	3471.40	G-13
3	LOCM - II	G-13	09-08-2015	58	31	162000244	09-08-2015	4014.90	MTSS	09-08-2015	6.10	43.20	3453.80	G-13
4	LOCM - II	G-13	10-08-2015	58	35	162000246	10-08-2015	4005.00	MTSS	10-08-2015	6.40	41.10	3520.60	G-13
5	LOCM - I	G-13	11-08-2015	59	38	162000348	11-08-2015	3953.06	MTSS	11-08-2015	6.60	40.20	3589.00	G-13
6	LOCM - I	G-13	12-08-2015	58	42	162000349	12-08-2015	3977.20	MTSS	12-08-2015	6.00	42.40	3462.50	G-13
7	LOCM - II	G-13	12-08-2015	58	43	162000249	13-08-2015	3988.10	MTSS	13-08-2001	6.70	40.20	3578.10	G-13
8	LOCM - II	G-13	16-08-2015	58	53	162000254	16-08-2015	3996.30	MTSS	16-08-2015	6.50	42.80	3464.60	G-13
9	LOCM - II	G-13	19-08-2015	55	64	162000260	19-08-2015	3679.35	MTSS	19-08-2015	6.10	42.90	3444.20	G-13
10	LOCM - II	G-13	20-08-2015	58	67	162000262	20-08-2015	3960.40	MTSS	20-08-2015	6.30	42.80	3476.50	G-13
11	LOCM - II	G-13	22-08-2015	58	78	162000269	23-08-2015	3943.90	MTSS	23-08-2001	6.50	42.80	3481.30	G-13
<b>TOTAL</b>								<b>42875.54</b>			<b>6.33</b>	<b>42.19</b>	<b>3491.36</b>	<b>G-13</b>
<b>WEIGHTED AVERAGE</b>														

Date-05.09.2015

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.

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 : S.K. Verma

Name of Purchser/Comsumer **MTSS**

# 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 -AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

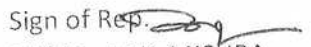
NAME OF THE COAL COMPANY :		MCL		AREA : IB VALLEY		ANALYSIS LABORATORY		: AREA LABORATORY IB VALLEY								
Sl. No.	Name of siding/colliery/loadin	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHS/consumer	Sample collection date	TM%	Analysis result on equilibrated				
						No.	Date					M%	Ash%	GCV	Grade	
1	LOCM - II	G-13	01-08-2015	57	5	112000051	02-08-2015	3737.68	TNEB	01-08-2015	15.00	6.00	43.40	3475.60	G-13	
2	LOCM - I	G-13	03-08-2015	59	12	112000867	04-08-2015	3895.86	TNEB	04-08-2015	15.40	6.50	41.50	3516.60	G-13	
3	LOCM - I	G-13	06-08-2015	55	23	112000868	07-08-2015	3663.59	TNEB	07-08-2015	15.60	6.80	40.50	3573.80	G-13	
4	LOCM - III	G-13	07-08-2015	44	22	112000050	07-08-2015	2989.86	TNEB	07-08-2015	15.20	6.30	42.60	3457.50	G-13	
5	LOCM - I	G-13	07-08-2015	51	26	112000869	08-08-2015	3351.35	TNEB	07-08-2015	15.80	7.00	39.90	3616.70	G-13	
6	LOCM - II	G-13	11-08-2015	53	37	112000052	11-08-2015	3488.26	TNEB	11-08-2015	15.10	6.30	42.70	3483.80	G-13	
7	LOCM - II	G-13	13-08-2015	58	44	112000053	13-08-2015	3832.15	TNEB	13-08-2015	15.50	6.60	42.10	3512.00	G-13	
8	LOCM - I	G-13	17-08-2015	57	64	112000870	18-08-2015	3843.70	TNEB	17-08-2015	16.00	7.10	39.90	3649.60	G-13	
9	LOCM - II	G-13	18-08-2015	58	60	112000054	18-08-2015	3937.90	TNEB	18-08-2015	15.20	6.30	43.10	3467.10	G-13	
10	LOCM - II	G-13	18-08-2015	58	61	112000055	18-08-2015	3820.99	TNEB	18-08-2015	16.10	7.00	40.20	3619.60	G-13	
11	LOCM - I	G-13	18-08-2015	59	68	112000871	19-08-2015	3882.77	TNEB	18-08-2015	15.60	6.70	41.10	3568.20	G-13	
12	LOCM - I	G-13	18-08-2015	59	68	112000871	19-08-2015	3882.77	TNEB	18-08-2015	15.60	6.70	41.10	3568.20	G-13	
13	LOCM - I	G-13	18-08-2015	59	68	112000871	19-08-2015	3882.77	TNEB	18-08-2015	15.60	6.70	41.10	3568.20	G-13	
14	LOCM - II	G-13	21-08-2015	55	79	112000872	22-08-2015	3608.60	TNEB	21-08-2015	15.00	6.10	42.60	3537.40	G-13	
15	LOCM - II	G-13	21-08-2015	53	74	112000056	22-08-2015	3455.71	TNEB	22-08-2015	16.00	7.10	39.90	3600.10	G-13	
16	LOCM - I	G-13	23-08-2015	59	86	112000873	23-08-2015	3916.21	TNEB	23-08-2015	15.30	6.40	41.00	3562.60	G-13	
17	LOCM - I	G-13	23-08-2015	59	86	112000873	23-08-2015	3916.21	TNEB	23-08-2015	15.30	6.40	41.00	3562.60	G-13	
18	LOCM - III	G-13	24-08-2015	44	64	112000051	25-08-2015	2975.90	TNEB	29-08-2015	15.20	6.50	41.30	3547.50	G-13	
19	LOCM - III	G-13	24-08-2015	44	67	112000052	25-08-2015	3007.78	TNEB	24-08-2015	15.80	6.80	40.70	3609.50	G-13	
20	LOCM - I	G-13	29-08-2015	57	111	112000874	29-08-2015	3698.20	TNEB	30-08-2015	15.00	6.10	43.30	3475.00	G-13	
TOTAL								61106.51			15.46	6.56	41.53	3545.31	G-13	
WEIGHTED AVERAGE									8.90							
SURFACE MOISTURE % IN WEIGHTED AVERAGE																


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.

Date-05.09.2015

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

Sign of Rep.   
 NAME: M.K. MISHRA  
 NAME OF COAL CO.,MCL  
 Sr. Technical Inspector  
 Area Laboratory

Sign of Rep.   
 Name : V. ELUMALAI  
 Name of Purchser/Comsumer TNEB

Sign of Rep.  
 NAME: B. KAUSHIK  
 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 -AUGUST-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 - III	G-13	05-08-2015	44	16	161000080	06-08-2015	3075.60	PMAM	05-08-2015	15.10	6.40	43.00	3481.90	G-13
2	LOCM - III	G-13	06-08-2015	43	18	161000081	06-08-2015	2984.00	PMAM	06-08-2015	15.30	6.60	43.00	3452.90	G-13
3	LOCM - II	G-13	06-08-2015	58	21	161000064	07-08-2015	4020.80	PMAM	06-08-2015	15.00	6.10	43.20	3439.00	G-13
4	LOCM - I	G-13	08-08-2015	59	28	161000067	08-08-2015	3928.43	PMAM	08-08-2015	14.90	6.30	42.70	3456.70	G-13
5	LOCM - III	G-13	11-08-2015	42	33	161000082	11-08-2015	2918.47	PMAM	11-08-2015	15.40	6.50	43.10	3480.10	G-13
6	LOCM - I	G-13	11-08-2015	58	40	161000068	11-08-2015	3981.34	PMAM	11-08-2015	15.20	6.30	43.00	3506.50	G-13
7	LOCM - II	G-13	12-08-2015	57	41	161000067	12-08-2015	3834.03	PMAM	12-08-2015	15.10	6.20	42.70	3483.60	G-13
8	LOCM - I	G-13	13-08-2015	58	47	141000004	13-08-2015	4005.60	PMAM	13-08-2015	16.00	7.00	40.80	3655.90	G-13
9	LOCM - I	G-13	13-08-2015	58	49	161000070	14-08-2015	3989.40	PMAM	14-08-2015	15.20	6.30	41.50	3502.10	G-13
10	LOCM - I	G-13	13-08-2015	58	49	161000071	14-08-2015	3641.20	PMAM	14-08-2015	15.10	6.20	43.30	3461.80	G-13
11	LOCM - II	G-13	14-08-2015	54	52	161000071	14-08-2015	3641.20	PMAM	14-08-2015	15.10	6.20	43.30	3461.80	G-13
12	LOCM - II	G-13	15-08-2015	58	51	161000068	15-08-2015	3987.34	PMAM	15-08-2015	14.90	6.00	43.40	3463.60	G-13
13	LOCM - II	G-13	16-08-2015	58	55	161000069	17-08-2015	3940.30	PMAM	16-08-2015	15.40	6.60	41.00	3486.20	G-13
			17-08-2015	57	57	161000670	17-08-2015	3919.60	PMAM	17-08-2015	15.70	6.80	41.00	3514.60	G-13

CONT---PAGE - 02

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.

Date-05.09.2015

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

Sign of Rep.

Name :

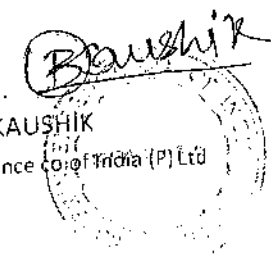
Name of Purchser/Consumer PMAM

Witness up to SLNO. 14 (19.8.15)

Sign of Rep.

NAME: B. KAUSHIK

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 -AUGUST-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 - II	G-13	10-08-2015	59	33	162000245	10-08-2015	3741.37	SEBD	10-08-2015	6.5	40.7	3543.2	G-13
2	LOCM - I	G-13	14-08-2015	59	51	262006741	14-08-2015	3852.17	SEBD	14-08-2015	6.5	42.0	3497.6	G-13
3	LOCM - I	G-13	15-08-2015	58	54	462000183	15-08-2015	3820.95	SEBD	15-08-2015	6.6	42.0	3510.7	G-13
4	LOCM - I	G-13	16-08-2015	58	57	262006742	16-08-2015	3872.19	SEBD	16-08-2015	6.1	42.5	3463.3	G-13
5	LOCM - I	G-13	17-08-2015	58	61	262006743	17-08-2015	3819.35	SEBD	17-08-2015	6.8	40.4	3584.7	G-13
6	LOCM - I	G-13	18-08-2015	59	67	162000359	18-08-2015	3699.41	SEBD	18-08-2015	6.2	43.5	3504.9	G-13
7	LOCM - I	G-13	19-08-2015	57	69	262006745	19-08-2015	3569.93	SEBD	19-08-2015	7.0	39.8	3621.6	G-13
8	LOCM - II	G-13	21-08-2015	58	71	162000265	21-08-2015	3794.53	SEBD	21-08-2015	6.7	41.0	3541.5	G-13
9	LOCM - II	G-13	22-08-2015	59	75	162000268	22-08-2015	3868.72	SEBD	22-08-2015	6.7	40.6	3581.3	G-13
10	LOCM - II	G-13	23-08-2015	56	79	162000270	23-08-2015	3681.32	SEBD	23-08-2015	6.2	41.8	3527.0	G-13
11	LOCM - II	G-13	25-08-2015	54	86	162000271	25-08-2015	3349.96	SEBD	25-08-2015	6.7	41.2	3555.1	G-13
12	LOCM - I	G-13	25-08-2015	58	94	162000368	25-08-2015	4028.60	SEBD	25-08-2015	6.1	42.3	3484.0	G-13
13	LOCM - I	G-13	29-08-2015	59	108	162000373	29-08-2015	3769.88	SEBD	29-08-2015	6.0	42.9	3451.3	G-13
14	LOCM - I	G-13	30-08-2015	58	115	162000376	31-08-2015	3650.58	SEBD	30-08-2015	6.3	42.8	3439.9	G-13
<b>TOTAL</b>								<b>52518.96</b>						
<b>WEIGHTED AVERAGE</b>											<b>6.5</b>	<b>41.7</b>	<b>3521.0</b>	<b>G-13</b>

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.

Date-05.09.2015

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

Superintendence co. of India (P) L



Sign of Rep. *Manoranjan*

Name: MANORANJAN

Name of Purcher/Comsumer SEBD



# 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 -AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MAHANADI COALFIELDS LIMITED

AREA : IB VALLEY

ANALYSIS LABORATORY : AREA LABORATORY IB VALLEY

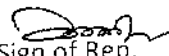
Sl. No.	Name of siding/colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHS/consumer	Sample collection date	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV			
						No.	Date				M%	Ash%	GCV	Grade
1	LOCM - III	G-13	05-08-2015	43	14	462000034	05-08-2015	2911.10	DMNJ	05-08-2015	6.70	40.60	3575.70	G-13
2	LOCM - III	G-13	07-08-2015	41	23	452000001	08-08-2001	2750.68	DMNJ	08-08-2001	6.60	40.90	3547.50	G-13
3	LOCM - III	G-13	10-08-2015	44	30	452000002	10-08-2015	2969.66	DMNJ	10-08-2015	6.80	40.00	3615.30	G-13
4	LOCM - III	G-13	11-08-2015	43	35	452000003	11-08-2015	2985.30	DMNJ	11-08-2015	6.10	42.50	3472.50	G-13
5	LOCM - III	G-13	12-08-2015	37	38	452000004	12-08-2015	2490.80	DMNJ	12-08-2015	6.80	40.60	3570.50	G-13
6	LOCM - III	G-13	13-08-2015	39	41	442000001	14-08-2001	2631.31	DMNJ	13-08-2015	6.70	41.10	3574.00	G-13
7	LOCM - III	G-13	18-08-2015	48	49	462000035	18-08-2015	3247.43	DMNJ	18-08-2015	6.90	40.60	3555.40	G-13
8	LOCM - III	G-13	19-08-2015	49	52	462000036	19-08-2015	3327.85	DMNJ	19-08-2015	6.70	39.60	3620.40	G-13
9	LOCM - III	G-13	23-08-2015	43	60	462000037	23-08-2015	2803.99	DMNJ	23-08-2015	6.90	40.30	3608.30	G-13
10	LOCM - III	G-13	24-08-2015	43	66	462000038	24-08-2015	2942.66	DMNJ	24-08-2015	7.00	40.00	3628.00	G-13
11	LOCM - III	G-13	27-08-2015	44	76	462000039	28-08-2001	2995.16	DMNJ	27-08-2015	6.00	43.00	3454.00	G-13
12	LOCM - III	G-13	28-08-2015	44	78	462000040	28-08-2015	2974.88	DMNJ	28-08-2015	6.70	41.00	3550.70	G-13
13	LOCM - III	G-13	30-08-2015	42	83	462000041	31-08-2015	2853.02	DMNJ	30-08-2015	6.90	40.50	3593.20	G-13
<b>TOTAL</b>								<b>37883.84</b>			<b>6.67</b>	<b>40.82</b>	<b>3566.56</b>	<b>G-13</b>
<b>WEIGHTED AVERAGE</b>														

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

Date-05.09.2015

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.

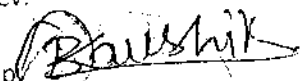
1. Concerned Area SM(QC)
2. Office of the GM(QC) Coal Co.
3. Office of Purchaser/Consumer.

  
 Sign of Rep.  
 NAME: M.K. MISHRA  
 NAME OF COAL CO., MCL

Sr. Technical Inspector  
 Area Laboratory  
 IB Valley Area M.C.L.

**NOT TURNED UP**

Sign of Rep.  
 Name :  
 Name of Purchser/Comsumer

  
 Sign of Rep.  
 NAME: B. KAUSHIK  
 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 AUGUST 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

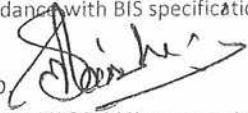
NAME OF THE COAL COMPANY :		MCL		AREA :		IB VALLEY		ANALYSIS LABORATORY :		AREA LABORATORY IB VALLEY				
Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV			
						No.	Date				M%	Ash%	GCV	Grade
1	LOCM-III	G-13	01-08-2015	41	2	162000289	01-08-2015	2754.03	ROU	01-08-2015	6.30	42.50	3493.10	G-13
2	LOCM-III	G-13	01-08-2015	43	5	162000290	02-08-2015	2894.75	ROU	02-08-2015	6.50	41.20	3541.80	G-13
3	LOCM-III	G-13	03-08-2015	42	8	162000291	03-08-2015	2873.63	ROU	03-08-2015	6.20	41.80	3539.00	G-13
4	LOCM-III	G-13	04-08-2015	41	12	162000293	05-08-2015	2766.90	ROU	04-08-2015	7.10	39.90	3637.30	G-13
5	LOCM-III	G-13	06-08-2015	54	17	162000294	06-08-2015	3624.59	ROU	06-08-2015	7.20	39.70	3644.70	G-13
6	LOCM-III	G-13	07-08-2015	44	20	162000296	07-08-2015	2919.36	ROU	07-08-2015	6.60	40.70	3543.20	G-13
7	LOCM-III	G-13	08-08-2015	40	24	162000298	08-08-2015	2770.97	ROU	08-08-2015	7.10	39.90	3627.30	G-13
8	LOCM-III	G-13	08-08-2015	43	25	262003753	08-08-2015	2988.90	ROU	08-08-2015	6.20	42.00	3494.70	G-13
9	LOCM-III	G-13	09-08-2015	44	27	262003754	09-08-2015	2941.63	ROU	09-08-2015	6.90	40.80	3588.80	G-13
10	LOCM-I	G-13	11-08-2015	55	41	262006740	12-08-2015	3605.94	ROU	12-08-2015	6.70	40.80	3578.30	G-13
11	LOCM-II	G-13	13-08-2015	59	45	162000250	13-08-2015	3894.42	ROU	13-08-2015	6.90	40.40	3627.10	G-13
12	LOCM-II	G-13	14-08-2015	58	48	262001794	14-08-2015	3824.50	ROU	14-08-2015	6.90	40.30	3613.00	G-13
13	LOCM-II	G-13	15-08-2015	58	52	162000253	16-08-2015	3889.03	ROU	15-08-2015	6.20	42.20	3460.70	G-13
14	LOCM-III	G-13	22-08-2015	39	59	142000020	22-08-2015	2662.82	ROU	22-08-2015	6.40	42.40	3529.50	G-13
15	LOCM-III	G-13	25-08-2015	43	68	162000311	25-08-2015	2881.68	ROU	25-08-2015	6.60	41.60	3530.20	G-13
16	LOCM-III	G-13	26-08-2015	30	73	162000313	27-08-2015	1923.24	ROU	26-08-2015	6.70	40.80	3553.10	G-13
<b>TOTAL</b>								49216.39						
<b>WEIGHTED AVERAGE</b>											6.66	41.04	3564.35	G-13

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

Date-05.09.2015


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.

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

Sign of Rep.   
 NAME: S. N. PANIGRAHI  
 Sr. Technical Inspector  
 NAME OF COAL LABORATORY  
 Ib Valley Area M. L.

**NOT TURNED UP**

Sign of Rep.  
 Name :  
 Name of Purchser/Comsumer

Sign of Rep.   
 NAME: B. KAUSHIK  
 Superintendent co. of India (P) Ltd



# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure IV

H.O.& Rgd.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 -AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPAN MAHANADI COALFIELDS LIMITED

AREA : IB VALLEY

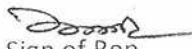
ANALYSIS LABORATORY : AREA LABORATORY IB VALLEY

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	01-08-2015	59	2	262006737	01-08-2015	3680.12	DSTP	01-08-2015	6.40	42.30	3490.10	G-13	
2	LOCM - II	G-13	02-08-2015	58	8	162000239	02-08-2015	3615.24	DSTP	02-08-2015	6.70	40.40	3565.80	G-13	
3	LOCM - I	G-13	10-08-2015	57	36	162000347	10-08-2015	3567.56	DSTP	10-08-2015	6.80	40.60	3549.60	G-13	
4	LOCM - II	G-13	11-08-2015	58	39	162000247	12-08-2015	3639.38	DSTP	11-08-2015	6.80	40.40	3595.10	G-13	
5	LOCM - I	G-13	12-08-2015	59	44	162000350	12-08-2015	3680.11	DSTP	12-08-2015	6.30	41.10	3519.20	G-13	
6	LOCM - II	G-13	13-08-2015	59	46	162000251	14-08-2015	3674.01	DSTP	13-08-2015	6.80	40.70	3601.80	G-13	
7	LOCM - I	G-13	16-08-2015	58	59	162000356	16-08-2015	3618.86	DSTP	16-08-2015	6.60	41.60	3560.70	G-13	
8	LOCM - I	G-13	18-08-2015	59	65	162000358	18-08-2015	3679.31	DSTP	18-08-2015	6.00	42.70	3453.90	G-13	
9	LOCM - III	G-13	19-08-2015	48	51	162000309	19-08-2015	3372.90	DSTP	19-08-2015	6.60	40.00	3599.40	G-13	
10	LOCM - III	G-13	21-08-2015	48	56	262003760	21-08-2015	3180.40	DSTP	21-08-2015	6.70	40.10	3561.20	G-13	
11	LOCM - III	G-13	22-08-2015	49	58	262003761	22-08-2015	3261.21	DSTP	22-08-2015	6.60	41.30	3527.60	G-13	
<b>TOTAL</b>								<b>38969.10</b>							
<b>WEIGHTED AVERAGE</b>												<b>6.57</b>	<b>41.04</b>	<b>3547.19</b>	<b>G-13</b>

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


Date-05.09.2015 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.

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

  
Sign of Rep.  
NAME:M.K.MISHRA  
NAME OF COAL CO.,MCL  
Sr. Technical Inspector  
Area Laboratory  
IbValley Area M.C.L

**NOT TURNED UP**

Sign of Rep.  
Name :  
Name of Purchser/Comsumer

  
Sign of Rep.  
NAME: B. KAUSHIK  
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 -AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MAHANADI COALFIELDS LIMITED

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 - II	G-13	02-08-2015	57	7	462000177	02-08-2015	3789.25	MVAA	02-08-2015	6.40	42.50	3491.90	G-13	
2	LOCM - II	G-13	04-08-2015	58	13	462000178	04-08-2015	3970.80	MVAA	04-08-2015	6.50	41.40	3523.10	G-13	
3	LOCM - I	G-13	05-08-2015	58	18	462000179	05-08-2015	3953.50	MVAA	05-08-2015	6.90	39.70	3623.50	G-13	
4	LOCM - II	G-13	06-08-2015	54	20	462000207	06-08-2015	3711.06	MVAA	06-08-2015	6.10	43.30	3463.70	G-13	
5	LOCM - II	G-13	07-08-2015	57	24	462000209	07-08-2015	3796.62	MVAA	07-08-2015	6.50	41.00	3530.20	G-13	
6	LOCM - I	G-13	10-08-2015	57	37	442000182	11-08-2001	3755.72	MVAA	10-08-2015	7.10	39.90	3627.00	G-13	
7	LOCM - II	G-13	12-08-2015	59	42	462000213	12-08-2015	3874.73	MVAA	12-08-2015	6.40	40.90	3512.70	G-13	
8	LOCM - II	G-13	14-08-2015	58	47	462000241	14-08-2015	3940.20	MVAA	14-08-2015	6.40	41.40	3492.40	G-13	
9	LOCM - II	G-13	14-08-2015	55	49	462000215	15-08-2001	3703.20	MVAA	14-08-2015	7.00	40.20	3620.60	G-13	
10	LOCM - II	G-13	17-08-2015	58	59	462000216	18-08-2001	3934.30	MVAA	18-08-2001	6.50	40.80	3531.70	G-13	
11	LOCM - II	G-13	20-08-2015	57	69	462000217	20-08-2015	3728.30	MVAA	20-08-2015	6.70	40.60	3573.40	G-13	
12	LOCM - II	G-13	22-08-2015	57	77	442000011	22-08-2015	3869.10	MVAA	22-08-2015	6.90	40.20	3607.50	G-13	
13	LOCM - II	G-13	26-08-2015	58	91	462000223	26-08-2015	3917.20	MVAA	26-08-2015	7.00	39.90	3616.40	G-13	
<b>TOTAL</b>								49943.98			6.65	40.90	3554.91	G-13	
<b>WEIGHTED AVERAGE</b>															

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

Date-05.09.2015

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.

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

  
Sign of Rep.

NAME: M.K. MISHRA

NAME OF COAL CO., MCL  
Sr. Technical Inspector  
Area Laboratory  
Ib Valley Area M.L.

**NOT TURNED UP**

Sign of Rep.


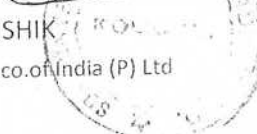
Name :

Name of Purchser/Comsumer

Sign of Rep.

NAME: B. KAUSHIK

Superintendence co. of India (P) Ltd



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 01.08.2015 TO 10.08.2015  
 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 11/1.8.15/KOCP	01.08.2015	22254.870	15.23	3.67	39.04	4012	6.69	37.82	3886	G12	
2	NTPC-TALCHER/MGR-01 TO 12/2.8.15/KOCP	02.08.2015	24389.090	16.09	3.37	38.71	4020	6.55	37.44	3888	G12	
3	NTPC-TALCHER/MGR-01 TO 4/3.8.15/KOCP	03.08.2015	8156.500	14.77	3.67	38.95	3990	6.06	37.98	3891	G12	
4	NTPC-TALCHER/MGR-01 TO 2/4.8.15/KOCP	04.08.2015	4045.000	15.49	4.25	40.55	4009	6.24	39.71	3926	G12	
5	NTPC-TALCHER/MGR-01 TO 12/5.8.15/KOCP	05.08.2015	24011.180	15.31	4.01	37.20	4217	6.48	36.24	4108	G11	
6	NTPC-TALCHER/MGR-01 TO 12/6.8.15/KOCP	06.08.2015	24740.930	13.31	4.45	39.37	3946	5.91	38.77	3886	G12	
7	NTPC-TALCHER/MGR-01 TO 11/7.8.15/KOCP	07.08.2015	22328.000	14.07	4.11	40.31	3947	5.86	39.57	3875	G12	
8	NTPC-TALCHER/MGR-01 TO 10/8.8.15/KOCP	08.08.2015	20284.700	13.24	4.20	39.4	3937	5.89	38.70	3868	G12	
9	NTPC-TALCHER/MGR-01 TO /9.8.15/KOCP	09.08.2015	20292.900	15.37	3.87	38.74	4066	6.46	37.69	3956	G12	
10	NTPC-TALCHER/MGR-01 TO 10/10.8.15/KOCP	10.08.2015	20010.000	14.54	3.73	37.83	3966	6.02	36.93	3872	G12	
		Wt/ Average	190513.170	14.68	3.92	38.87	4015	6.23	37.93	3918	G12	

Biswajit Dey 18-8-15

Signature of third Party: Biswajit Dey.

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



INSPECTORATE  
 Vasundhara, 3rd Floor  
 2/7, Sarat Bose Road  
 Kolkata - 700 030, India  
 Tel. : +91 33 9051 6600  
 www.inspectorate.co.in

- i 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

Signature of the NTPC station  
 Name.

18/8/2015  
 नन्दन कुमार मिश्र  
 NANDAN KUMAR MISHRA  
 उप प्रबंधक (शुद्धा. एवं अन्व./रसायन)  
 Dy. Manager (O&M/Chemistry)  
 एलटीपीसी लिमिटेड / बालवेर कनिहा  
 NTPC Limited / Talcher Kaniha

18/8/15

Signature of the Coal Company  
 Name

Aest. MGR (S.R.M.)  
 KOCP





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

DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 11.08.2015 TO 20.08.2015  
 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 10/11.8.15/KOCP	11.08.2015	19803.200	15.23	3.97	38.89	3925	6.10	38.03	3838	G12	
2	NTPC-TALCHER/MGR-01 TO 11/12.8.15/KOCP	12.08.2015	21943.900	14.09	3.11	39.44	4041	6.41	38.10	3903	G12	
3	NTPC-TALCHER/MGR-01 TO 11/13.8.15/KOCP	13.08.2015	21434.980	15.71	3.54	38.90	3986	6.43	37.73	3867	G12	
4	NTPC-TALCHER/MGR-01 TO 11/14.8.15/KOCP	14.08.2015	21994.600	15.49	3.74	39.28	3910	6.68	38.08	3791	G12	
5	NTPC-TALCHER/MGR-01 TO 9/15.8.15/KOCP	15.08.2015	17906.090	13.31	3.58	37.33	4310	6.40	36.24	4184	G11	
6	NTPC-TALCHER/MGR-01 TO 11/16.8.15/KOCP	16.08.2015	21946.410	14.42	3.11	38.23	4026	6.33	36.96	3892	G12	
7	NTPC-TALCHER/MGR-01 TO 8/17.8.15/KOCP	17.08.2015	15233.600	15.07	3.60	37.56	4327	6.61	36.39	4192	G11	
8	NTPC-TALCHER/MGR-01 TO 11/18.8.15/KOCP	18.08.2015	21584.800	16.24	3.45	38.92	3983	6.90	37.53	3841	G12	
9	NTPC-TALCHER/MGR-01 TO 13/19.8.15/KOCP	19.08.2015	26487.540	17.37	3.10	38.48	4006	6.47	37.14	3867	G12	
10	NTPC-TALCHER/MGR-01 TO 13/20.8.15/KOCP	20.08.2015	26495.200	16.84	4.12	35.85	4287	6.23	35.06	4193	G11	
		Wt/ Average	214830.320	15.50	3.53	38.27	4073	6.45	37.11	3950	G12	

*[Signature]* 27.08.15

*Recd on 28/8/15*  
*[Signature]*  
 Signature of the NTPC station Name.

*[Signature]* 28.8.15  
 Signature of the Coal Company Name  
 ASST. MGR (S&M)  
 KOCP

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



INSPECTORATE  
 Vasundhara, 3rd Floor  
 2/7, Sarat Bose Road  
 Kolkata - 700 020, In. Ma.  
 Tel. - +91 33 5051 6600  
 www.inspectorate.co.in

- i 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

आशुतोष शंकर नलिन  
 ASHUTOSH SHANKER NALIN  
 उप प्रबंधक (प्रचा. एवं शतु. / रसायन)  
 Dy. Manager (O&M/Chemistry)  
 एनटीपीसी लिमिटेड/तालचेर कनिहा  
 NTPC Limited / Talcher Kanha

*RR quantity to be verified from MGR.*



M/S Inspectorate Griffith India Pvt Ltd

Plot no: 211, Sector - A, Zone - B, Mancheswar Industrial Area, Bhubaneswar - 751010

Client's Name: NTPC - Kanlha

DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 21.08.2015 TO 31.08.2015

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 13/21.8.15/KOCP	21.08.2015	26410.7	13.23	3.32	36.45	4286	5.67	33.56	4182	G11	
2	NTPC-TALCHER/MGR-01 TO12 /22.8.15/KOCP	22.08.2015	24323.1	14.24	3.52	38.96	4015	6.62	37.71	3886	G12	
3	NTPC-TALCHER/MGR-01 TO12 /23.8.15/KOCP	23.08.2015	24402.38	14.75	3.81	37.85	4201	6.60	36.75	4079	G11	
4	NTPC-TALCHER/MGR-01 TO8 /24.8.15/KOCP	24.08.2015	16327.66	15.49	3.03	41.28	4022	6.02	40.01	3898	G12	
5	NTPC-TALCHER/MGR-01 TO8 /25.8.15/KOCP	25.08.2015	16725.9	13.81	3.06	41.53	3957	6.21	40.18	3828	G12	
6	NTPC-TALCHER/MGR-01 TO12 /26.8.15/KOCP	26.08.2015	24771.9	14.42	2.94	41.15	3980	6.60	39.60	3830	G12	
7	NTPC-TALCHER/MGR-01 TO12 /27.8.15/KOCP	27.08.2015	24513.14	15.17	2.93	40.11	4039	6.61	38.59	3886	G12	
8	NTPC-TALCHER/MGR-01 TO 12/28.8.15/KOCP	28.08.2015	24844.9	13.04	3.24	40.96	3955	6.33	39.65	3829	G12	
9	NTPC-TALCHER/MGR-01 TO 12/28.8.15/KOCP	28.08.2015	24844.9	13.04	3.24	40.96	3955	6.33	39.65	3829	G12	
9	NTPC-TALCHER/MGR-01 TO 13/29.8.15/KOCP	29.08.2015	26683.07	15.47	4.04	42.54	3859	6.15	41.60	3774	G12	
10	NTPC-TALCHER/MGR-01 TO 11/30.8.15/KOCP	30.08.2015	22252.2	14.09	3.94	39.72	4048	6.41	38.70	3944	G12	
11	NTPC-TALCHER/MGR-01 TO 13 /31.8.15/KOCP	31.08.2015	26508.8	13.28	3.60	39.90	4025	6.69	38.62	3896	G12	
		Wt/ Average	257763.750	14.24	3.43	39.96	4038	6.37	38.74	3915	G12	

Signature of third Party: Madhumilan Dey.

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



INSPECTORATE  
Griffith India Pvt Ltd  
Bhubaneswar - 751010

i) 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

Signature of the NTPC station  
Name.

आशुतोष शंकर नलिन  
ASHUTOSH SHANKER NALIN  
उप प्रबंधक (प्रजा. एवं अनु. / रसायन)  
D. (Quality Control)

Signature of the Coal Company  
Name


Asst. Mgr (S&M)  
KOCP

**MAHANADI COAL FIELDS LIMITED.**  
**COAL ANALYSIS LABORATORY, LINGARAJ OPENCAST PROJECT, LINGARAJ AREA.**  
 Coal sample collected unilateral by departmental manpower of Lingaraj OCP, Lingaraj Area.

Name of Consumer. -NBSK(Bharat Alluminium Co.)

Sl.No.	Date of sample collection	Sample No.	RR No.	R.R. Qnty.	As on Air Dried basis			As on Equilibrated Basis			Total Moisture	Grade
					%MOIST.	%ASH	GCV	%MOIST.	%ASH	GCV		
1	14.08.2015	LOCP/DB/Aug-15/NBSK(B)-01	212000659	3882.63	7.4	37.80	3805	6.80	38.04	3830	12.20	G-12
2	15.08.2015	LOCP/DB/Aug-15/NBSK-02	212000660	3604.79	6.8	37.80	3880	6.10	38.08	3909	13.40	G-12
3	17.08.2015	LOCP/DB/Aug-15/NBSK-03	212000661	3337.38	7.0	37.70	3892	6.30	37.98	3921	12.10	G-12
4	29.08.2015	LOCP/DB/Aug-15/NBSK(B)-04	212000662	3846.12	6.8	37.90	3923	6.20	38.14	3948	12.90	G-12
5	30.08.2015	LOCP/DB/Aug-15/NBSK-05	212000663	3705.43	6.5	37.90	3879	6.90	37.74	3862	12.80	G-12
6	31.08.2015	LOCP/DB/Aug-15/NBSK-06	212000664	3696.11	6.3	38.30	3913	6.90	38.05	3888	12.80	G-12
<b>Weighted Average =</b>				<b>22072.46</b>				<b>6.5</b>	<b>38.01</b>	<b>3892</b>	<b>12.70</b>	

  
 Sr. CHEMIST  
 Lingaraj OCP.

  
 Despatch In-Charge  
 Lingaraj OCP.

**MAHANADI COAL FIELDS LIMITED.**  
**COAL ANALYSIS LABORATORY, LINGARAJ OPENCAST PROJECT, LINGARAJ AREA.**


**Analysis results of coal samples collected from loaded wagons at Deulbera Siding by 3rd Party M/s K.C.Sharma & Co  
 despatched through Railway Rake during the month August -2015**

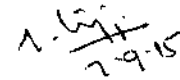
Name of Consumer. -TANGENCO(TNEB)

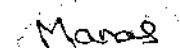
Sl.No.	Date of sample collection	Sample No./Rake No.	RR No.	R.R. Qty.	As on Air Dried basis			As on Equilibrated Basis			Total Moisture	Grade
					% MOIST.	%ASH	GCV	%MOIST.	%ASH	GCV		
1	01.08.2015	LOCP/DB/Aug-15/ATP-01	211000727	4062.81	7.4	38.1	3815	6.8	38.3	3846	13.1	G-12
2		LOCP/DB/Aug-15/ATP-03	211000728	3410.57	7.2	38.4	3791	6.7	38.6	3811	13.0	G-12
3	02.08.2015	LOCP/DB/Aug-15/ATP-11	211000729	3236.29	5.6	39.0	3901	7.0	38.4	3843	11.4	G-12
4	03.08.2015	LOCP/DB/Aug-15/ATP-13	211000730	3269.56	7.2	38.9	3761	6.6	39.2	3785	13.0	G-12
5	06.08.2015	LOCP/DB/Aug-15/NC-ATP-11	211000731	3493.73	7.4	38.0	3790	6.9	38.2	3810	13.2	G-12
6		LOCP/DB/Aug-15/ATP-31	211000732	3498.27	7.0	37.9	3846	6.7	38.0	3858	12.6	G-12
7	08.08.2015	LOCP/DB/Aug-15/ATP-40	211000733	3703.91	7.4	37.4	3910	6.8	37.6	3935	12.9	G-12
8		LOCP/DB/Aug-15/ATP-43	211000734	3300.16	7.1	37.9	3845	6.6	38.1	3866	12.5	G-12
9	10.08.2015	LOCP/DB/Aug-15/ATP-50	211000735	3659.27	7.0	37.5	3896	6.8	37.6	3904	12.9	G-12
10	11.08.2015	LOCP/DB/Aug-15/ATP-56	211000736	3648.10	7.4	37.7	3872	6.9	37.9	3893	11.9	G-12
11	12.06.2015	LOCP/DB/Aug-15/ATP-58	211000737	3649.20	7.1	37.9	3840	6.7	38.1	3857	12.1	G-12
12	13.08.2015	LOCP/DB/Aug-15/ATP-66	211000738	3518.55	7.3	38.0	3762	6.8	38.2	3782	12.0	G-12
13	14.08.2015	LOCP/DB/Aug-15/ATP-71	211000739	3302.68	7.5	38.1	3862	6.9	38.3	3882	12.1	G-12
14		LOCP/DB/Aug-15/ATP-75	211000740	3698.92	7.6	38.2	3749	6.8	38.5	3781	12.2	G-12
15	15.08.2015	LOCP/DB/Aug-15/ATP-77	211000741	3781.13	7.4	37.9	3799	6.9	38.1	3820	12.0	G-12
16		LOCP/DB/Aug-15/ATP-80	211000742	3745.63	6.9	37.6	3891	6.3	37.8	3916	11.9	G-12
17	16.08.2015	LOCP/DB/Aug-15/ATP-85	211000743	3365.58	6.9	38.1	3849	6.0	38.5	3886	12.0	G-12
18	17.08.2015	LOCP/DB/Aug-15/ATP-87	211000744	3717.21	6.8	37.7	3866	6.3	37.9	3887	11.8	G-12
19		LOCP/DB/Aug-15/ATP-90	211000745	3588.93	6.5	38.1	3884	6.1	38.3	3850	11.7	G-12
20	18.08.2015	LOCP/DB/Aug-15/ATP-92	211000746	3372.84	6.7	37.5	3893	6.2	37.7	3924	11.7	G-12
21	19.08.2015	LOCP/DB/Aug-15/ATP-94	211000747	3639.07	6.9	37.6	3888	6.3	37.8	3913	11.9	G-12
22		LOCP/DB/Aug-15/ATP-97	211000748	3452.26	6.7	37.8	3874	6.2	38.0	3895	11.6	G-12
23		LOCP/DB/Aug-15/ATP-100	211000749	3545.39	6.5	38.2	3810	6.0	38.4	3830	11.8	G-12
24	20.08.2015	LOCP/DB/Aug-15/ATP-102	211000750	3318.15	6.7	37.9	3846	6.0	38.2	3875	11.4	G-12
25		LOCP/DB/Aug-15/ATP-103	211000751	3630.70	6.5	37.5	3910	6.1	37.7	3927	11.6	G-12
26	21.08.2015	LOCP/DB/Aug-15/ATP-105	211000752	3517.63	6.8	38.4	3796	6.0	38.7	3829	11.9	G-12
27		LOCP/DB/Aug-15/ATP-108	211000753	3725.42	6.9	38.0	3842	6.2	38.3	3871	11.8	G-12
28	22.08.2015	LOCP/DB/Aug-15/ATP-110	211000754	3569.42	7.0	37.2	3910	6.2	37.5	3944	11.7	G-12
29		LOCP/DB/Aug-15/ATP-111	211000755	3549.62	6.8	37.8	3872	6.3	38.0	3893	11.9	G-12
30	23.08.2015	LOCP/DB/Aug-15/ATP-112	211000756	3466.22	6.8	37.3	3905	6.2	37.5	3930	12.1	G-12
31		LOCP/DB/Aug-15/ATP-116	211000757	3296.72	5.9	39.4	3803	6.9	39.0	3763	12.9	G-12
32	24.08.2015	LOCP/DB/Aug-15/ATP-117	211000758	3572.73	6.3	38.9	3823	7.0	38.6	3794	13.9	G-12
33		LOCP/DB/Aug-15/ATP-119	211000760	3539.18	6.4	39.6	3837	6.8	39.4	3821	14.4	G-12
34	25.08.2015	LOCP/DB/Aug-15/ATP-121	211000759	3552.21	6.6	39.0	3846	6.9	38.9	3834	14.3	G-12
35		LOCP/DB/Aug-15/ATP-126	211000761	3407.75	6.5	37.4	3908	6.1	37.7	3937	11.6	G-12
36	26.08.2015	LOCP/DB/Aug-15/ATP-127	211000762	3732.52	6.5	38.3	3881	6.8	38.2	3869	12.9	G-12
37		LOCP/DB/Aug-15/ATP-128	211000763	3767.31	6.9	37.2	3920	6.3	37.4	3945	12.5	G-12
38	27.08.2015	LOCP/DB/Aug-15/ATP-130	211000764	3641.71	6.7	38.2	3856	6.9	38.1	3848	12.6	G-12
39		LOCP/DB/Aug-15/ATP-132	211000765	3726.10	6.9	37.8	3879	6.2	38.1	3908	12.9	G-12
40	28.08.2015	LOCP/DB/Aug-15/ATP-134	211000766	3724.32	6.6	38.5	3908	7.0	38.3	3891	13.0	G-12
41	30.08.2015	LOCP/DB/Aug-15/ATP-139	211000767	3877.84	6.9	37.7	3902	6.1	38.0	3836	13.1	G-12
42	31.08.2015	LOCP/DB/Aug-15/ATP-143	211000768	3406.36	5.4	38.6	3893	7.0	37.9	3827	12.9	G-12
43		LOCP/DB/Aug-15/ATP-146	211000769	3750.67	5.7	39.3	3816	6.9	38.8	3787	13.4	G-12

Weighted Average = 153378.64 6.5 38.2 3865 12.4

  
 CHEMIST  
 Lingaraj OCP.

  
 Despatch In-Charge  
 Lingaraj OCP.

  
 CHEMIST  
 TNEB

  
 3rd Party Rep.  
 K.C.Sharma & Co

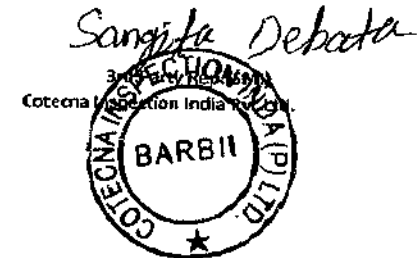


MAHANADI COAL FIELDS LIMITED.  
COAL ANALYSIS LABORATORY, LINGARAJ OPENCAST PROJECT, LINGARAJ AREA.

COMPARATIVE STATEMENT

Analysis results of coal samples collected jointly by both the 3rd. Parties of saler & consumer at DB railway siding of Lingaraj OCP, Lingaraj Area of coal despatched to M/s. NTPC-SIMHADRI, Talcher during the month of August - 2015.

Name of Consumer. -NTPC-SIMHADRI				Analyzed by 3rd.Party(SELLER)									Analyzed by 3rd.Party(CONSUMER)							
Sl.No.	Date of collection	Sample No	RR No.	R.R Qty	As on Air Dried basis			As on Equilibrated Basis			Grade	T.M %	As on Air Dried basis			As on Equilibrated Basis			T.M %	Grade
					%MOIST.	%ASH	GCV	%MOIST.	%ASH	GCV			%MOIST.	%ASH	GCV	%MOIST.	%ASH	GCV		
1	03.08.2015	LOCP/DB/Aug-15/SMI-02	261000829	3258.24	6.8	39.3	3748	6.5	39.43	3760	G-12	14.00	5.87	42.03	3746	6.12	41.92	3736	14.09	G-12
2	04.08.2015	LOCP/DB/Aug-15/SMI-04	261000830	3447.80	7.3	40.0	3777	6.9	40.17	3793	G-12	14.70	6.51	40.17	3828	6.00	40.39	3849	14.90	G-12
3	05.08.2015	LOCP/DB/Aug-15/SMI-06	261000832	3443.03	7.0	38.9	3820	6.7	39.53	3832	G-12	13.50	6.58	40.86	3753	6.10	41.07	3772	13.72	G-12
4	07.08.2015	LOCP/DB/Aug-15/SMI-11	261000836	3045.72	6.6	39.4	3790	6.3	39.53	3802	G-12	12.70	6.78	40.99	3712	6.54	41.10	3722	12.71	G-12
5		LOCP/DB/Aug-15/SMI-13	241000036	3588.62	6.8	38.7	3800	6.5	38.82	3812	G-12	12.50	6.84	40.98	3704	6.10	41.31	3733	12.49	G-12
6	08.08.2015	LOCP/DB/Aug-15/SMI-15	261000838	3271.56	7.0	40.1	3728	6.8	40.19	3736	G-12	12.90	6.9	41.02	3692	6.12	41.36	3723	12.91	G-12
7	09.08.2015	LOCP/DB/Aug-15/SMI-18	261000839	3552.34	7.2	38.4	3850	7.0	38.48	3858	G-12	13.30	6.7	41.45	3680	5.92	41.80	3711	13.19	G-12
8	11.08.2015	LOCP/DB/Aug-15/SMI-20	261000842	3566.12	7.0	38.6	3805	6.8	38.68	3813	G-12	13.10	7.1	39.79	3778	6.25	40.15	3813	12.92	G-12
9	12.08.2015	LOCP/DB/Aug-15/SMI-24	261000844	3892.11	6.8	39.7	3766	6.4	39.87	3782	G-12	13.30	6.96	40.87	3697	6.40	41.12	3719	13.19	G-12
10	16.08.2015	LOCP/DB/Aug-15/SMI-31	261000846	3658.19	7.1	40.2	3730	6.7	40.37	3746	G-12	13.60	6.45	41.13	3747	6.17	41.25	3758	13.88	G-12
11	18.08.2015	LOCP/DB/Aug-15/SMI-34	261000847	3206.96	6.5	40.5	3715	6.2	40.63	3727	G-12	15.50	6.42	41.55	3702	6.11	41.79	3714	15.45	G-12
12	19.08.2015	LOCP/DB/Aug-15/SMI-37	261000848	3411.38	6.8	39.9	3744	6.3	40.11	3764	G-12	15.00	6.71	41.01	3720	6.16	41.25	3742	15.08	G-12
13	21.08.2015	LOCP/DB/Aug-15/SMI-41	261000849	3644.21	6.8	39.2	3745	6.6	39.28	3753	G-12	14.80	6.77	40.43	3766	6.11	40.72	3793	14.93	G-12
14	23.08.2015	LOCP/DB/Aug-15/SMI-47	261000850	3529.73	6.9	39.8	3805	6.7	39.89	3813	G-12	13.80	6.29	41.6	3726	6.12	41.68	3733	13.92	G-12
15	25.08.2015	LOCP/DB/Aug-15/SMI-51	261000851	3421.78	6.6	40.0	3777	6.4	40.09	3785	G-12	13.60	7.23	40.56	3687	6.45	40.90	3718	13.74	G-12
16	27.08.2015	LOCP/DB/Aug-15/SMI-55	261000852	3648.12	6.8	38.9	3842	6.5	39.03	3854	G-12	14.10	6.63	41.43	3692	6.15	41.64	3711	14.11	G-12
17	28.08.2015	LOCP/DB/Aug-15/SMI-57	261000853	3656.15	6.3	41.1	3735	6.9	40.84	3711	G-12	14.30	6.93	41.19	3671	5.96	41.62	3709	14.40	G-12
18	29.08.2015	LOCP/DB/Aug-15/SMI-59	261000855	3815.11	6.2	39.7	3720	6.0	39.78	3728	G-12	14.20	6.08	41.89	3729	5.92	41.96	3735	14.28	G-12
19	30.08.2015	LOCP/DB/Aug-15/SMI-63	261000856	3350.53	6.4	40.5	3750	6.2	40.59	3758	G-12	13.70	6.33	41.55	3725	6.70	41.35	3710	14.03	G-12
TOTAL DESPATCHED QTY.				66457.70	Weighted Average =			6.5	39.7	3781	G-12	13.80	Weighted Average =			6.18	41.28	3742	13.89	G-12



MAHANADI COAL FIELDS LIMITED.

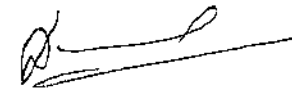
COAL ANALYSIS LABORATORY, LINGARAJ OPENCAST PROJECT, LINGARAJ AREA.

Analysis results of coal samples collected from loaded wagons at Deulbera Siding by 3rd Party M/s K.C.Sharma & Co despatched through Railway Rake during the month of Aug-2015

Name of Consumer. -BTPC

Sl.No.	Date of sample collection	Sample No.	RR No.	R.R. Qnty.	As on Air Dried basis			As on Equilibrated Basis			Total Moisture	Grade
					%MOIST.	%ASH	GCV	%MOIST.	%ASH	GCV		
1	09.08.2015	LOCP/DB/Aug-15/BTPC(B)-02	262000243	3580.21	6.9	37.9	3862	6.6	38.0	3874	12.2	G-12
Weighted Average =				3580.21				6.6	38.0	3874	12.2	

  
CHEMIST  
Lingaraj OCP.

  
Despatch In-Charge  
Lingaraj OCP.





**COMPARATIVE STATEMENT OF ANALYSIS RESULTS OF BOTH 3RD. PARTIES OF THE COAL DESPATCHED  
FROM MGR SIDING NO.-I & II OF LINGARAJ OCP, LINGARAJ AREA TO M/s.NTPC, KANIHA DURING THE MONTH OF AUGUST-2015.**

Sl.No.	Date	3rd.party(Saler)										3rd.party(Consumer)							
		Despatched Qty. in Mt.		Airdried Basis			Equilibrated Basis			%T.M	Grade	Airdried Basis			Equilibrated Basis			%T.M	Grade
		On-Date	PROG.	%Moist.	GCV	%Ash	%Moist	GCV	%Ash			%Moist.	GCV	%Ash	%Moist.	GCV	%Ash		
1	1-Aug-15	6756.40	6756.40	5.2	3866	39.6	6.30	3821	39.1	14.30	G-12	4.05	3890	39.79	6.40	3892	38.82	14.60	G-12
2	2-Aug-15	9378.10	16134.50	5.3	3901	38.2	6.50	3852	37.7	13.00	G-12	3.82	4037	38.51	6.06	3943	37.60	13.20	G-12
3	3-Aug-15	15179.81	31314.31	5.4	3894	39.8	6.60	3845	39.3	14.60	G-12	3.81	4040	39.50	6.42	3930	38.40	14.80	G-12
4	4-Aug-15	12184.80	43499.11	5.5	3911	39.6	6.30	3878	39.3	15.00	G-12	4.27	4007	37.83	6.60	3909	36.90	15.20	G-12
5	5-Aug-15	12776.66	56275.77	5.6	4156	38.6	6.40	4121	36.3	14.10	G-11	4.52	4229	36.07	6.62	4234	35.30	14.20	G-11
6	6-Aug-15	8182.69	64458.46	5.2	3986	38.2	6.50	3931	37.7	15.20	G-12	3.82	4034	36.23	6.87	3906	35.10	15.50	G-12
7	7-Aug-15	8910.49	73368.95	5.1	3856	39.8	6.60	3795	39.2	15.60	G-12	4.00	4048	38.11	6.60	3938	37.10	15.80	G-12
8	8-Aug-15	11545.55	84914.50	5.3	3812	42.1	6.50	3566	41.6	14.10	G-13	4.12	3695	42.65	6.40	3607	41.60	14.20	G-13
7	9-Aug-15	16421.26	101335.76	5.2	3517	41.9	6.30	3476	41.4	15.90	G-13	4.20	3702	42.82	6.17	3626	41.90	16.20	G-13
10	10-Aug-15	11390.81	112726.57	5.3	3876	39.4	6.2	3839	39.0	15.30	G-12	3.76	3876	42.84	6.22	3777	41.70	15.80	G-12
11	11-Aug-15	13666.21	126392.78	5.5	3879	39.6	6.5	3838	39.2	15.40	G-12	3.86	3937	41.77	6.39	3833	40.70	15.50	G-12
12	12-Aug-15	8911.38	135304.16	5.6	3900	39.6	6.5	3859	39.2	15.20	G-12	3.36	4036	40.05	6.59	3901	38.70	15.30	G-12
13	13-Aug-15	11041.26	146345.42	5.4	3864	39.4	6.7	3811	38.9	15.10	G-12	3.58	3846	41.95	6.19	3742	40.80	15.60	G-12
14	14-Aug-15	4278.52	150623.94	5.4	3646	41.6	6.5	3600	41.1	14.30	G-13	3.08	3547	42.98	6.65	3416	41.40	14.60	G-13
15	15-Aug-15	5973.07	156597.01	5.5	3521	42.3	6.40	3487	41.9	14.90	G-13	3.92	3596	42.25	6.66	3493	41.00	15.20	G-13
16	16-Aug-15	2149.49	158746.50	5.2	3896	39.6	6.60	3830	38.9	15.30	G-12	3.40	4034	38.02	6.41	3908	36.80	15.46	G-12
17	17-Aug-15	2148.39	160894.89	5.6	3921	39.7	6.20	3896	39.4	17.00	G-12	3.99	3907	39.98	6.56	3802	38.90	18.00	G-12
18	18-Aug-15	2040.79	162935.68	5.2	3901	38.6	6.5	3848	38.1	14.30	G-12	3.94	4025	38.67	6.90	3901	37.50	14.80	G-12
19	19-Aug-15	0.00	162935.68	NO DESPATCH								NO DESPATCH							
20	20-Aug-15	0.00	182935.68	NO DESPATCH								NO DESPATCH							
21	21-Aug-15	1565.99	164501.67	5.5	3902	38.2	6.5	3861	37.8	12.90	G-12	3.22	4000	40.99	5.60	3902	40.00	13.60	G-12
22	22-Aug-15	1750.93	166252.60	5.6	3945	39.6	6.6	3903	39.2	14.20	G-12	3.66	4008	38.30	6.24	3901	37.30	14.30	G-12
23	23-Aug-15	2063.19	168315.79	5.5	3872	39.4	6.3	3839	39.1	14.40	G-12	3.53	4040	41.11	6.48	3918	39.90	14.60	G-12
24	24-Aug-15	2059.62	170375.41	5.4	3873	39.6	6.4	3832	39.4	15.30	G-12	3.99	3819	42.83	6.42	3722	41.70	15.20	G-12
25	25-Aug-15	8295.83	178671.24	5.2	3921	38.2	6.7	3859	37.6	13.80	G-12	3.44	4028	40.38	6.25	3911	39.20	13.20	G-12
26	26-Aug-15	7718.00	186389.24	5.4	3942	38.2	6.6	3892	37.7	13.50	G-12	3.52	4035	37.85	6.98	3894	36.50	13.40	G-12
27	27-Aug-15	7778.04	194187.28	5.3	3589	42.2	6.5	3544	41.7	14.20	G-13	3.43	3705	41.30	6.20	3600	40.10	14.00	G-13
28	28-Aug-15	8385.60	202552.88	5.6	3879	38.7	6.5	3842	38.3	13.20	G-12	3.46	3883	41.24	6.21	3772	40.10	13.60	G-12
29	29-Aug-15	10722.28	213275.16	5.7	3869	39.0	6.6	3832	38.6	12.90	G-12	2.90	4048	39.74	6.60	3894	38.20	12.90	G-12
30	30-Aug-15	8477.64	221752.80	5.6	3967	38.1	6.4	3933	37.8	14.80	G-12	3.68	3901	41.62	6.48	3788	40.40	15.20	G-12
31	31-Aug-15	8388.56	230141.36	5.2	3912	38.0	6.2	3871	37.6	14.90	G-12	2.99	4007	40.89	6.04	3861	38.60	14.60	G-12
		230141.36	Weighted Average =				6.5	3803	39.1	14.6	G-12	Wtd Average =			6.41	3831	39.14	14.78	G-12



The results mentioned in the comparative statement as the results deposited by both the 3rd party of consumer and seller.

3rd.Party.Rep.  
I.G.J (NTPC)

**COMPARATIVE STATEMENT OF ANALYSIS RESULTS OF BOTH 3RD. PARTIES OF THE COAL DESPATCHED  
FROM MGR SIDING NO.-II (RAILWAY RAKES) OF LINGARAJ OCP, LINGARAJ AREA TO M/s.NTPC, KANIHA DURING THE MONTH OF AUGUST-2015.**

Sl.No	Date	SAMPLE NO.	R.R.No.	R.R.Qty.	3rd.party(SALER)						3rd.party(CONSUMER)								
					Airdried Basis			Equilibrated Basis			Grade	Airdried Basis			Equilibrated Basis			%T.M	Grade
					%Moist.	GCV	%Ash	%Moist.	GCV	%Ash		%Moist.	GCV	%Ash	%Moist.	GCV	%Ash		
1	01.07.2015	LOCP/JULY-15/MNKT-112	261001315	3693.22	5.2	3896	39.0	6.20	3856	G-12	3.97	3930	39.64	6.00	3847	38.80	14.90	G-12	
2	02.08.2015	LOCP/AUG.-15/MNKT-01	261001316	3663.32	5.6	3955	38.6	6.30	3926	G-12	3.79	4060	40.70	6.10	3963	39.72	16.10	G-12	
3		LOCP/AUG.-15/MNKT-02	261001317	3687.77	5.8	3866	39.1	6.50	3837	G-12	4.09	4080	40.55	6.40	3982	39.60	16.10	G-12	
4		LOCP/AUG.-15/MNKT-03	261001318	3340.02	5.9	3845	39.5	6.40	3825	G-12	3.95	4034	35.69	6.43	3930	34.80	15.50	G-12	
5	03.08.2015	LOCP/AUG.-15/MNKT-04	261001319	3592.97	5.6	3877	39.4	6.20	3852	G-12	3.92	4047	36.01	6.60	3934	35.00	15.80	G-12	
6		LOCP/AUG.-15/MNKT-05	261001320	3328.42	5.6	3866	39.6	6.50	3855	G-12	3.69	3965	38.96	6.19	3862	37.90	14.60	G-12	
7		LOCP/AUG.-15/MNKT-06	261001321	3357.07	5.5	3852	39.7	6.80	3799	G-12	4.03	4007	35.50	6.69	3896	34.50	14.60	G-12	
8	04.08.2015	LOCP/AUG.-15/MNKT-07	261001322	3314.02	5.4	3876	38.9	6.60	3827	G-12	3.71	3955	40.47	6.51	3840	39.30	15.20	G-12	
9		LOCP/AUG.-15/MNKT-08	261001323	3418.07	5.6	3789	40.5	6.30	3761	G-12	3.41	4028	38.57	6.46	3901	37.40	13.60	G-12	
10		LOCP/AUG.-15/MNKT-09	261001325	2951.84	5.8	3963	38.2	6.20	3946	G-12	3.23	4107	38.23	6.69	3960	36.90	15.50	G-12	
11	05.08.2015	LOCP/AUG.-15/MNKT-10	261001324	3360.57	5.7	4216	36.1	6.70	4171	G-11	3.68	4250	36.80	6.69	4117	35.70	14.80	G-11	
12		LOCP/AUG.-15/MNKT-11	261001326	3113.34	6.0	3852	39.8	6.80	3819	G-12	3.95	4029	38.41	6.16	3936	37.53	13.60	G-12	
13		LOCP/AUG.-15/MNKT-12	261001327	3382.77	5.8	4232	36.6	6.20	4214	G-11	3.27	4224	35.63	6.10	4100	34.59	14.70	G-11	
14	06.08.2015	LOCP/AUG.-15/MNKT-13	261001329	3257.14	5.4	3811	39.9	6.30	3775	G-12	3.41	4047	38.96	6.54	3916	37.70	14.20	G-12	
15		LOCP/AUG.-15/MNKT-14	261001328	3404.87	5.6	3812	39.8	6.50	3776	G-12	3.18	4026	35.69	6.61	3883	34.43	14.60	G-12	
16		LOCP/AUG.-15/MNKT-15	261001330	3226.74	5.8	3823	39.9	6.60	3791	G-12	4.09	4091	38.21	6.96	3969	37.07	14.30	G-12	
17	07.8.2015	LOCP/AUG.-15/MNKT-16	261001331	3363.68	5.7	4198	35.9	6.80	4143	G-11	3.53	4315	34.83	6.74	4163	33.60	15.80	G-11	
18		LOCP/AUG.-15/MNKT-17	261001332	3244.14	5.6	3799	40.8	6.70	3755	G-12	3.13	3982	37.89	6.02	3865	36.78	13.40	G-12	
19		LOCP/AUG.-15/MNKT-18	261001333	3375.08	5.2	3801	40.2	6.40	3753	G-12	3.45	4049	39.17	6.74	3911	37.84	14.60	G-12	
20	08.08.2015	LOCP/AUG.-15/MNKT-19	261001334	3327.24	5.3	3521	42.3	6.50	3476	G-13	3.48	3625	44.32	6.92	3496	42.74	17.60	G-13	
21		LOCP/AUG.-15/MNKT-20	261001335	3596.88	5.4	3845	39.8	6.30	3808	G-12	3.92	4002	35.58	6.06	3913	34.79	13.80	G-12	
22		LOCP/AUG.-15/MNKT-21	261001336	3450.95	5.6	3867	39.9	6.20	3842	G-12	3.90	4018	40.20	6.96	3890	38.92	13.90	G-12	
23	09.08.2015	LOCP/AUG.-15/MNKT-22	261001337	3662.88	5.5	3827	40	6.50	3787	G-12	3.50	4106	39.17	6.41	3982	37.99	14.60	G-12	
24		LOCP/AUG.-15/MNKT-23	261001338	3357.46	5.6	3542	42.1	6.40	3512	G-13	3.43	3658	44.68	6.67	3535	43.18	12.60	G-13	
25		LOCP/AUG.-15/MNKT-24	261001339	3557.88	5.4	3842	39.9	6.60	3793	G-12	3.51	4109	37.84	6.49	3982	36.67	14.30	G-12	
26	10.08.2015	LOCP/AUG.-15/MNKT-25	261001340	3348.66	5.7	3812	40.2	6.50	3780	G-12	3.27	3971	40.05	6.16	3852	38.85	15.80	G-12	
27		LOCP/AUG.-15/MNKT-26	261001341	3570.68	5.7	3817	39.6	6.70	3777	G-12	3.19	4039	38.90	6.12	3917	37.72	13.20	G-12	
28		LOCP/AUG.-15/MNKT-27	261001342	3397.86	5.6	3566	41.8	6.50	3532	G-13	3.96	3652	42.70	6.89	3541	41.40	15.40	G-13	
29	09.08.2015	LOCP/AUG.-15/MNKT-28	261001343	3599.18	5.6	3498	42.3	6.60	3461	G-13	3.49	3575	45.20	6.95	3447	43.58	14.20	G-13	
30		LOCP/AUG.-15/MNKT-29	261001344	3215.97	5.4	3500	41.7	6.30	3467	G-13	3.08	3557	46.19	6.46	3433	44.58	14.50	G-13	
31		LOCP/AUG.-15/MNKT-30	261001345	3544.18	5.5	3512	41.2	6.60	3471	G-13	3.36	3709	41.49	5.97	3609	40.37	14.60	G-13	
32	LOCP/AUG.-15/MNKT-31	261001346	3271.17	5.2	3507	42.0	6.50	3459	G-13	3.98	3522	45.06	6.43	3432	43.91	14.30	G-13		

The results mentioned  
in the comparative statement  
as the results required  
by both the 2nd party,  
of consumer and seller  
Sd/-

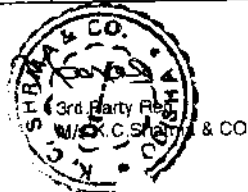


33	11.08.2015	LOCP/AUG.-15/MNKT-32	261001347	3635.18	5.3	3852	39.8	6.40	3807	G-12	3.07	3860	41.97	6.46	3725	40.50	16.50	G-12
34		LOCP/AUG.-15/MNKT-33	241000026	3232.37	5.2	3521	41.9	6.60	3469	G-13	3.76	3706	42.71	6.33	3607	41.57	15.20	G-13
35		LOCP/AUG.-15/MNKT-34	261001348	3531.58	5.4	3511	42.6	6.50	3470	G-13	3.07	3704	43.28	5.92	3595	42.01	15.20	G-13
36		LOCP/AUG.-15/MNKT-35	261001349	3229.58	5.1	3856	38.9	6.40	3803	G-12	3.37	3867	42.69	5.97	3763	41.54	15.20	G-12
37	12.08.2015	LOCP/AUG.-15/MNKT-36	261001350	3214.88	6.0	3841	40.3	6.50	3821	G-12	2.83	4040	38.11	5.92	3912	36.90	13.50	G-12
38		LOCP/AUG.-15/MNKT-37	261001351	3860.28	5.3	3811	39.2	6.50	3759	G-12	3.14	3994	40.96	6.11	3872	39.70	14.20	G-12
39		LOCP/AUG.-15/MNKT-38	261001352	3836.09	5.2	3807	39.3	6.40	3759	G-12	3.04	3846	42.14	6.06	3726	40.83	17.60	G-12
40	13.08.2015	LOCP/AUG.-15/MNKT-39	261001353	3456.00	5.3	3802	39.9	6.60	3750	G-12	3.80	3986	39.65	5.90	3899	38.78	17.50	G-12
41		LOCP/AUG.-15/MNKT-40	241000027	3743.44	5.3	3527	42.2	6.40	3486	G-13	3.66	3724	43.75	5.96	3635	42.71	15.90	G-13
42		LOCP/AUG.-15/MNKT-41	241000028	3594.77	5.6	3865	38.6	6.60	3824	G-12	3.16	3895	39.50	6.60	3757	38.10	17.40	G-12
43	14.08.2015	LOCP/AUG.-15/MNKT-42	241000029	3432.15	5.8	3812	39.6	6.80	3772	G-12	3.54	3844	47.70	6.19	3738	46.39	14.60	G-12
44		LOCP/AUG.-15/MNKT-43	261001354	3484.97	5.4	3489	42.8	6.60	3445	G-13	2.94	3556	43.09	6.19	3437	41.65	15.80	G-13
45		LOCP/AUG.-15/MNKT-44	261001355	3458.46	5.5	3854	39.6	6.70	3805	G-12	3.62	4019	38.36	6.63	3893	37.16	14.90	G-12
46	15.08.2015	LOCP/AUG.-15/MNKT-45	261001356	3474.87	5.6	3511	41.9	6.40	3481	G-13	3.58	3548	45.89	6.66	3435	44.42	13.50	G-13
47		LOCP/AUG.-15/MNKT-46	261001358	3628.86	5.8	3901	38.2	6.80	3860	G-12	3.05	3870	40.88	6.40	3736	39.47	15.60	G-12
48		LOCP/AUG.-15/MNKT-47	261001357	3236.78	5.7	3812	39.2	6.60	3776	G-12	3.11	3990	40.29	6.19	3863	39.01	13.40	G-12
49		LOCP/AUG.-15/MNKT-48	261001359	3381.86	5.3	3827	39.2	6.50	3779	G-12	2.99	4024	38.41	6.20	3891	37.14	14.70	G-12
50		LOCP/AUG.-15/MNKT-49	261001360	3383.68	5.2	3852	39.7	6.40	3803	G-12	3.72	3857	41.04	6.22	3757	39.97	15.80	G-12
51	16.08.2015	LOCP/AUG.-15/MNKT-50	261001361	3441.76	5.3	3863	39.2	6.60	3810	G-12	3.63	3995	39.07	6.69	3868	37.83	11.20	G-12
52		LOCP/AUG.-15/MNKT-51	261001362	3384.68	5.2	3872	39.6	6.30	3827	G-12	3.18	3995	40.40	5.90	3883	39.27	15.30	G-12
53		LOCP/AUG.-15/MNKT-52	261001363	3486.76	5.2	3812	40.2	6.30	3768	G-12	3.22	4035	38.05	6.36	3904	36.82	14.60	G-12
54	17.08.2015	LOCP/AUG.-15/MNKT-53	261001364	3334.58	5.2	3900	38.7	6.40	3851	G-12	3.67	4000	39.60	6.42	3886	38.47	13.20	G-12
55		LOCP/AUG.-15/MNKT-54	261001365	3662.36	5.3	3845	39.2	6.60	3792	G-12	3.40	4022	38.41	6.46	3895	37.19	14.80	G-12
56		LOCP/AUG.-15/MNKT-55	261001366	3590.38	5.4	4186	36.1	7.10	4111	G-11	3.56	4344	34.56	6.62	4206	33.46	15.80	G-11
57		LOCP/AUG.-15/MNKT-56	261001368	3678.26	5.5	3852	39.2	6.50	3811	G-12	3.30	4092	38.40	6.24	3968	37.23	13.80	G-12
58	18.08.2015	LOCP/AUG.-15/MNKT-57	261001367	3559.28	5.3	4202	36.1	6.20	4162	G-11	3.36	4304	32.37	6.41	4168	31.35	15.30	G-11
59		LOCP/AUG.-15/MNKT-58	261001369	3655.17	5.4	3846	40.1	6.50	3801	G-12	2.86	4010	39.14	6.16	3874	37.81	12.80	G-12
60		LOCP/AUG.-15/MNKT-59	261001370	3495.49	5.6	3877	39.2	6.40	3844	G-12	3.39	4010	37.21	6.20	3893	36.13	15.20	G-12
61		LOCP/AUG.-15/MNKT-60	261001371	3624.97	5.5	3900	38.3	6.60	3855	G-12	3.77	4013	37.42	6.18	3912	36.48	15.40	G-12
62	19.08.2015	LOCP/AUG.-15/MNKT-61	261001372	3425.08	5.4	3527	42.0	6.80	3475	G-13	3.53	3746	39.21	6.41	3634	38.04	14.20	G-13
63		LOCP/AUG.-15/MNKT-62	261001373	3606.97	5.2	4167	36.4	6.60	4105	G-11	3.96	4280	35.19	6.90	4149	34.11	16.50	G-11
64		LOCP/AUG.-15/MNKT-63	261001374	3567.18	5.3	3869	39.2	6.80	3808	G-12	3.68	4047	37.34	6.40	3933	36.29	16.60	G-12
65		LOCP/AUG.-15/MNKT-64	261001375	3474.47	5.4	4201	35.9	6.70	4143	G-11	3.84	4302	32.98	6.19	4197	32.17	16.30	G-11
66	20.08.2015	LOCP/AUG.-15/MNKT-65	261001376	3512.69	5.6	3894	39.2	6.50	3857	G-12	3.52	4012	37.10	6.49	3888	35.96	15.50	G-12
67		LOCP/AUG.-15/MNKT-66	261001377	3562.47	5.3	4156	36.2	6.10	4121	G-11	3.78	4334	32.51	6.66	4204	31.54	16.20	G-11

The results mentioned  
in the comparative statement  
as the results deposited  
by and party of consumer  
and seller.



68	21.08.2015	LOCP/AUG.-15/MNKT-57	261001378	3351.89	5.2	4212	35.8	6.20	4169	35.4	15.20	G-11	3.53	4339	32.95	6.41	4209	31.97	15.70	G-11
69		LOCP/AUG.-15/MNKT-68	261001379	3485.07	5.4	3844	39.2	6.60	3795	38.7	12.40	G-12	3.38	4013	36.39	6.07	3901	35.38	12.60	G-12
70		LOCP/AUG.-15/MNKT-69	261001380	3440.29	5.3	4197	36.0	7.00	4122	35.4	11.90	G-11	3.66	4308	35.30	6.24	4193	34.35	11.20	G-11
71	22.08.2015	LOCP/AUG.-15/MNKT-70	261001381	3537.07	5.3	3842	39.2	6.20	3805	38.8	14.60	G-12	3.28	4047	39.37	6.67	3905	37.99	15.30	G-12
72		LOCP/AUG.-15/MNKT-71	261001382	3277.31	5.2	3886	39.3	6.80	3801	38.6	14.80	G-12	3.02	4019	37.09	6.46	3876	35.77	14.60	G-12
73		LOCP/AUG.-15/MNKT-72	261001383	3641.47	5.4	3874	39.1	6.90	3813	38.5	13.20	G-12	3.50	3974	37.89	6.20	3863	36.83	13.20	G-12
74	23.08.2015	LOCP/AUG.-15/MNKT-73	261001384	3358.51	5.2	3811	42.1	6.60	3755	41.5	14.60	G-12	3.49	3863	37.58	6.25	3753	36.51	14.80	G-12
75		LOCP/AUG.-15/MNKT-74	261001385	3670.47	5.3	3527	41.9	6.40	3486	41.4	13.20	G-13	3.05	3571	41.83	6.48	3445	40.35	12.90	G-13
76		LOCP/AUG.-15/MNKT-75	261001386	3351.51	5.5	3466	42.5	6.20	3440	42.0	12.20	G-13	3.81	3690	40.59	6.30	3594	39.54	12.60	G-13
77	24.08.2015	LOCP/AUG.-15/MNKT-76	261001387	3622.27	5.6	3621	39.3	6.30	3594	39.0	14.60	G-13	3.16	3721	42.68	6.46	3594	41.23	14.30	G-13
78		LOCP/AUG.-15/MNKT-77	261001388	3300.71	5.7	3739	40.6	6.60	3753	40.2	12.80	G-12	3.06	3960	39.22	6.08	3856	38.00	12.80	G-12
79		LOCP/AUG.-15/MNKT-78	261001389	3361.47	5.6	3901	37.9	6.50	3864	37.5	13.30	G-12	3.20	4030	39.56	6.15	3907	38.35	13.20	G-12
80	25.08.2015	LOCP/AUG.-15/MNKT-79	261001390	3126.41	5.6	3845	39.2	6.40	3812	38.9	12.90	G-12	2.89	3945	41.97	6.00	3819	40.53	13.40	G-12
81		LOCP/AUG.-15/MNKT-80	261001391	3375.77	5.2	3801	40.2	6.70	3741	39.6	15.20	G-12	3.40	3908	40.45	6.18	3796	39.29	14.20	G-12
82		LOCP/AUG.-15/MNKT-81	261001392	3070.51	5.3	3869	40.3	6.50	3820	39.8	14.20	G-12	3.25	3898	39.56	6.50	3767	38.23	13.40	G-12
83	26.08.2015	LOCP/AUG.-15/MNKT-82	261001393	3286.47	5.4	3862	39.2	6.40	3821	38.8	12.20	G-12	3.22	4038	39.45	6.55	3899	38.09	12.60	G-12
84		LOCP/AUG.-15/MNKT-83	261001395	3296.00	5.6	3845	39.6	6.80	3796	39.1	14.30	G-12	3.52	4025	40.92	6.58	3897	39.52	14.30	G-12
85		LOCP/AUG.-15/MNKT-84	261001394	3306.37	5.4	3811	39.9	6.60	3763	39.4	15.00	G-12	3.25	4002	40.18	6.52	3867	38.82	15.60	G-12
86	27.08.2015	LOCP/AUG.-15/MNKT-85	261001396	3329.70	5.2	3827	39.8	6.50	3775	39.3	13.40	G-12	4.48	4031	36.67	6.58	3942	35.86	13.20	G-12
87		LOCP/AUG.-15/MNKT-86	261001398	3390.97	5.5	3823	40.0	6.40	3787	39.6	12.90	G-12	4.35	3958	37.53	6.50	3869	36.59	12.80	G-12
88		LOCP/AUG.-15/MNKT-87	261001399	3279.21	5.3	3821	39.2	6.60	3769	38.7	14.30	G-12	4.32	3982	36.55	6.40	3895	35.76	14.20	G-12
89	28.08.2015	LOCP/AUG.-15/MNKT-88	261001397	3299.07	5.6	3901	37.6	6.30	3872	37.3	13.60	G-12	4.32	3825	39.53	6.30	3746	38.71	13.20	G-12
90		LOCP/AUG.-15/MNKT-89	261001400	3231.91	5.2	3812	39.2	6.30	3768	38.7	13.40	G-12	4.58	3965	39.56	6.77	3874	38.65	13.80	G-12
91		LOCP/AUG.-15/MNKT-90	261001401	3285.67	5.1	3844	39.2	6.40	3791	39.7	14.90	G-12	3.24	3974	38.91	6.48	3841	37.61	14.30	G-12
92	29.08.2015	LOCP/AUG.-15/MNKT-91	261001402	3249.41	5.4	3862	38.2	6.60	3813	37.7	12.80	G-12	4.41	3926	39.80	6.21	3852	39.05	12.50	G-12
93		LOCP/AUG.-15/MNKT-92	261001403	3284.17	5.5	3901	38.2	7.10	3835	37.6	13.30	G-12	4.12	3875	39.93	6.02	3798	39.14	13.20	G-12
94		LOCP/AUG.-15/MNKT-93	241000030	3272.32	5.3	3844	39.2	6.50	3795	38.7	14.20	G-12	3.38	3968	40.03	6.02	3860	38.94	14.70	G-12
95	30.08.2015	LOCP/AUG.-15/MNKT-94	261001404	3511.37	5.2	3799	40.6	6.20	3759	40.2	12.70	G-12	3.06	3945	40.01	6.48	3806	38.60	12.80	G-12
96		LOCP/AUG.-15/MNKT-95	261001405	3405.72	5.6	3803	40.0	6.50	3767	39.6	11.40	G-12	3.57	3861	41.50	6.52	3743	40.33	11.20	G-12
97		LOCP/AUG.-15/MNKT-96	261001406	3432.47	5.6	3846	39.8	6.40	3813	39.5	15.40	G-12	3.77	4005	38.62	6.62	3866	37.48	15.30	G-12
98	31.08.2015	LOCP/AUG.-15/MNKT-97	261001408	3238.74	5.0	3811	38.9	6.60	3748	38.3	14.50	G-12	3.25	3974	41.17	6.19	3853	39.92	14.60	G-12
99		LOCP/AUG.-15/MNKT-98	261001407	3561.87	5.4	3611	42.7	6.80	3558	42.0	13.20	G-13	3.27	3735	38.45	6.55	3608	37.15	13.20	G-13
100		LOCP/AUG.-15/MNKT-99	261001410	3348.64	5.6	3845	39.2	6.60	3804	38.8	14.20	G-12	3.50	4051	39.79	6.43	3928	38.58	14.80	G-12
101	29.08.2015	LOCP/AUG.-15/MNKT-100	261001409	3567.17	5.5	3812	39.8	6.80	3760	39.3	15.90	G-12	2.85	3918	40.98	6.16	3785	39.58	16.90	G-12
102		LOCP/AUG.-15/MNKT-101	261001411	3220.14	5.2	3901	38.0	6.70	3839	37.4	13.20	G-12	3.11	3979	39.73	6.66	3833	38.27	12.60	G-12
103		LOCP/AUG.-15/MNKT-102	261001412	3418.67	5.3	3842	39.3	6.50	3793	38.8	14.20	G-12	3.29	3904	39.84	6.63	3769	38.46	14.30	G-12
104	30.08.2015	LOCP/AUG.-15/MNKT-103	261001413	3074.06	5.7	3811	40.6	6.60	3775	40.2	15.60	G-12	4.43	3893	39.66	6.40	3813	38.84	16.80	G-12
105		LOCP/AUG.-15/MNKT-104	261001414	3552.57	6.0	3694	39.9	6.50	3873	39.7	12.40	G-12	3.21	4072	40.16	6.41	3937	38.83	13.20	G-12
106		LOCP/AUG.-15/MNKT-105	261001415	2948.05	5.2	3842	39.8	6.80	3777	39.1	13.60	G-12	3.42	4018	38.83	6.49	3890	37.60	13.40	G-12
107	31.08.2015	LOCP/AUG.-15/MNKT-106	261001416	3421.37	5.3	3862	39.5	6.70	3806	38.9	14.90	G-12	3.36	4026	40.38	6.41	3899	39.11	14.20	G-12
108		LOCP/AUG.-15/MNKT-107	261001417	3645.54	5.4	3901	38.3	6.80	3852	37.8	15.20	G-12	3.07	3932	37.00	6.67	3786	35.63	15.40	G-12
109		LOCP/AUG.-15/MNKT-108	261001418	3327.87	5.6	3812	39.5	6.40	3780	39.2	12.80	G-12	3.43	3895	40.96	6.36	3777	39.72	12.60	G-12
110	31.08.2015	LOCP/AUG.-15/MNKT-109	241000031	3659.64	5.6	3846	39.6	6.60	3805	39.2	13.40	G-12	3.38	3919	40.99	6.16	3806	39.81	13.30	G-12
111		LOCP/AUG.-15/MNKT-110	241000032	3395.27	5.5	3863	39.8	6.50	3822	39.4	14.60	G-12	3.82	3943	39.48	6.34	3840	38.45	14.80	G-12
112		LOCP/AUG.-15/MNKT-111	261001419	3670.84	5.4	3902	38.2	6.40	3861	37.8	15.10	G-12	3.68	3879	39.94	6.11	3781	38.93	15.20	G-12
				383765.80	Wtd Average =			6.5	3788	39.1	14.3	G-12	Wtd Average =			6.38	3842	38.20	14.50	G-12



The result mentioned as the result reported by 3rd party of consumer cell.

3rd Party Rep. M/s I.G. (NTPC)

# 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 AUGUST-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-III	G-13	7.8.15	56	3\10	141000003	9.8.15	3676.81	KRPH	7.8.15	15.7	6.9	41.5	3518.6	G-13	
2	BOCM-VI	G-13	7.8.15	58	6\19	161000172	9.8.15	4019.22	KRPH	7.8.15	14.4	6.3	40.7	3586.1	G-13	
3	BOCM-II	G-13	10.8.15	58	2\28	161000193	12.8.15	3719.72	KRPH	10.8.15	15.7	6.6	41.4	3571.6	G-13	
4	BOCM-VII	G-13	11.8.15	58	7\37	161000174	13.8.15	4014.10	KRPH	11.8.15	14.5	6.4	42.0	3569.2	G-13	
5	BOCM-VII	G-13	12.8.15	59	7\39	261000283	13.8.15	3927.99	KRPH	12.8.15	16.1	6.7	41.9	3545.8	G-13	
6	BOCM-III	G-13	14.8.15	58	3\23	161000049	16.8.15	3989.20	KRPH	14.8.15	15.4	6.4	41.2	3581.3	G-13	
7	BOCM-III	G-13	15.8.15	59	3\26	161000050	16.8.15	4030.11	KRPH	15.8.15	15.1	6.5	42.3	3462.6	G-13	
8	BOCM-III	G-13	16.8.15	57	3\28	161000051	17.8.15	3791.30	KRPH	16.8.15	16.2	6.7	41.8	3539.8	G-13	
9	BOCM-I	G-13	19.8.15	59	1\56	161000202	21.8.15	3980.07	KRPH	19.8.15	14.2	6.7	41.5	3529.3	G-13	
10	BOCM-VII	G-13	19.8.15	58	7\62	161000175	20.8.15	3980.20	KRPH	19.8.15	15.4	6.6	40.9	3538.9	G-13	
11	BOCM-VI	G-13	21.8.15	58	6\65	161000180	22.8.15	3987.50	KRPH	21.8.15	16.0	6.7	41.5	3575.2	G-13	
12	BOCM-III	G-13	22.8.15	47	3\46	141000004	24.8.15	3191.03	KRPH	22.8.15	16.3	6.5	41.8	3535.9	G-13	
13	BOCM-VI	G-13	22.8.15	57	6\70	161000182	24.8.15	3943.47	KRPH	22.8.15	14.2	6.7	41.5	3545.4	G-13	
14	BOCM-VI	G-13	23.8.15	58	6\73	241000012	25.8.15	4033.30	KRPH	23.8.15	15.0	6.5	41.9	3541.7	G-13	
15	BOCM-VI	G-13	24.8.15	59	6\77	261000289	26.8.15	3717.91	KRPH	24.8.15	14.8	6.6	41.4	3492.6	G-13	
16	BOCM-III	G-13	25.8.15	59	3\54	261000586	27.8.15	3660.46	KRPH	25.8.15	15.6	6.6	40.9	3545.8	G-13	
17	BOCM-VII	G-13	28.8.15	53	7\98	261000290	29.8.15	3484.50	KRPH	28.8.15	16.3	6.9	41.7	3525.6	G-13	
<b>TOTAL</b>								<b>65146.89</b>								
<b>WEIGHTED AVERAGE</b>											<b>15.3</b>	<b>6.6</b>	<b>41.5</b>	<b>3541.8</b>		
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>8.7</b>							

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

Date 06-09-2015

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 : www.superintendence.com

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF AUG- 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-II	G - 13	1.8.15	59	2\3	162000473	2.8.15	3968.34	APLS	1.8.15	16.4	6.8	42.1	3490.4	G - 13
2	BOCM-I	G - 13	3.8.15	58	1\9	162000478	4.8.15	3884.59	APLS	3.8.15	15.0	6.7	43.1	3481.5	G - 13
<b>TOTAL</b>								<b>7852.93</b>							
<b>WEIGHTED AVERAGE</b>											<b>15.7</b>	<b>6.8</b>	<b>42.6</b>	<b>3486.0</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>8.9</b>						


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

Date 06-09-2015 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. / Lab. Tech  
 NAME: *[Signature]*  
 NAME OF COAL CO. *[Stamp]*  
 LAKHANPUR AREA  
 800071 GA

  
 Sign of Rep  
 NAME: *Murtu Dal Sharma*  
 NAME OF CONSUMER

  
 Sign of Rep *[Signature]*  
 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 : www.superintendence.com

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

NAME OF THE COAL COMPANY :  
ANALYSIS LABORATORY :

MCL  
AREA LAB. , LAKHANPUR

AREA :

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				
						No.	Date					M%	Ash%	GCV	Grade	
1	BOCM-VI	G - 13	1.8.15	58	6\4	162000531	3.8.15	4028.40	CD	1.8.15	15.7	6.8	41.8	3526.5	G - 13	
2	BOCM-VII	G - 13	5.8.15	58	7\17	162000542	7.8.15	3915.04	CD	5.8.15	15.8	6.5	40.8	3558.6	G - 13	
3	BOCM-I	G - 13	6.8.15	55	1\17	162000484	7.8.15	3585.59	CD	6.8.15	16.0	6.8	41.3	3537.7	G - 13	
4	BOCM-VI	G - 13	7.8.15	59	6\17	161000549	8.8.15	4015.11	CD	7.8.15	15.9	6.9	41.5	3526.6	G - 13	
5	BOCM-I	G - 13	8.8.15	59	1\22	142000031	9.8.15	3957.39	CD	8.8.15	15.5	6.7	41.1	3545.4	G - 13	
6	BOCM-VI	G - 13	8.8.15	59	6\44	262000540	17.8.15	3850.79	CD	8.8.15	16.1	6.7	41.1	3568.3	G - 13	
7	BOCM-VI	G - 13	9.8.15	58	6\25	162000561	11.8.15	3992.80	CD	9.8.15	14.5	6.9	42.2	3521.7	G - 13	
8	BOCM-VI	G - 13	13.8.15	57	6\38	162000578	19.8.15	3743.24	CD	13.8.15	15.9	6.9	41.7	3535.3	G - 13	
9	BOCM-VI	G - 13	16.8.15	58	6\48	262000542	18.8.15	3718.06	CD	16.8.15	14.7	6.8	41.2	3548.7	G - 13	
10	BOCM-I	G - 13	17.8.15	57	1\49	162000502	18.8.15	3948.50	CD	17.8.15	15.7	6.8	41.3	3549.3	G - 13	
11	BOCM-III	G - 13	18.8.15	56	3\35	162000137	20.8.15	3510.32	CD	18.8.15	15.4	6.8	41.9	3538.4	G - 13	
12	BOCM-III	G - 13	19.8.15	59	3\38	162000142	20.8.15	3931.76	CD	19.8.15	15.2	6.4	41.8	3544.4	G - 13	
13	BOCM-VI	G - 13	22.8.15	59	6\68	262000548	23.8.15	3889.73	CD	22.8.15	15.0	6.2	41.7	3545.4	G - 13	
14	BOCM-I	G - 13	24.8.15	58	1\64	142000033	26.8.15	4027.17	CD	24.8.15	14.4	6.6	41.6	3520.8	G - 13	
15	BOCM-II	G - 13	25.8.15	58	2\72	162000513	27.8.15	3765.21	CD	25.8.15	15.1	6.9	41.9	3526.7	G - 13	
16	BOCM-VII	G - 13	28.8.15	50	7\97	262000552	29.8.15	3212.88	CD	28.8.15	14.9	6.8	41.8	3538.2	G - 13	
17	BOCM-II	G - 13	29.8.15	59	2\81	162000578	31.8.15	3854.27	CD	29.8.15	15.9	6.7	41.5	3548.6	G - 13	
18	BOCM-VI	G - 13	29.8.15	59	6\95	262000556	31.8.15	3864.49	CD	29.8.15	14.4	6.5	41.3	3564.1	G - 13	
19	BOCM-VII	G - 13	31.8.15	59	7\107	262000559	2.9.15	3950.06	CD	31.8.15	15.0	6.2	41.6	3565.8	G - 13	
<b>TOTAL</b>								<b>72760.81</b>								
<b>WEIGHTED AVERAGE</b>																
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>																
								8.6			15.3	6.7	41.5	3542.7		

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. quantity is based on provisional reports

Date 06-09-2015

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

Sign of Rep  
NAME:  
Sr. Tech  
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. & Rgd. 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 AUGUST- 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/load	Sized & declared GCV/Grad	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHS/consu	Sample collection date	TM%	Analysis result on equilibrated				
						No.	Date					M%	Ash%	GCV		
1	BOCM-VII	G-13	1.8.15	59	7\3	142000018	3.8.15	4005.88	BZA	1.8.15	15.3	6.7	40.9	3547.4	G-13	
2	BOCM-VII	G-13	1.8.15	58	7\4	162000532	3.8.15	4030.3	BZA	1.8.15	15.2	6.8	41.1	3539.1	G-13	
3	BOCM-VI	G-13	1.8.15	58	6\2	162000528	3.8.15	3862.84	BZA	1.8.15	15.8	6.6	41.1	3543.0	G-13	
4	BOCM-VI	G-13	2.8.15	58	6\5	162000530	3.8.15	3901.63	BZA	2.8.15	16.4	6.8	41.3	3545.1	G-13	
5	BOCM-VI	G-13	6.8.15	57	6\13	162000543	7.8.15	3884.88	BZA	6.8.15	15.2	6.5	40.8	3584.5	G-13	
6	BOCM-I	G-13	7.8.15	56	1\19	162000486	8.8.15	3489.82	BZA	7.8.15	16.0	6.9	41.4	3533.9	G-13	
7	BOCM-II	G-13	9.8.15	59	2\26	262010823	10.8.15	3727.11	BZA	9.8.15	16.4	6.7	42.1	3525.7	G-13	
8	BOCM-II	G-13	13.8.15	57	2\37	262010826	15.8.15	3574.09	BZA	13.8.15	15.6	6.8	41.3	3550.9	G-13	
9	BOCM-II	G-13	14.8.15	59	2\40	242000715	15.8.15	3684.64	BZA	14.8.15	15.3	6.5	41.0	3578.5	G-13	
10	BOCM-III	G-13	14.8.15	59	3\24	262003245	16.8.15	3891.75	BZA	14.8.15	15.9	6.9	41.6	3536.8	G-13	
<b>TOTAL</b>								<b>38052.94</b>								
<b>WEIGHTED AVERAGE</b>																
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>											15.7	6.7	41.3	3548.5		
Date 06-09-2015								8.9								

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:  
 NAME OF COAL CO: Lab. Tech  
 Lakhanpur Laboratory (COAL)

Sign of Rep  
 NAME:  
 NAME OF CONSUMER

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



# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rgd. 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 AUGUST-2015

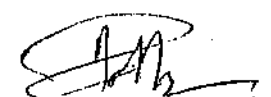
## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MCL

AREA : LAKHANPUR

ANALYSIS LABORATORY : AREA LABORATORY, 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/consume	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV			
						No.	Date					M%	Ash%	GCV	Grade
1	BOCM-I	G-13	4.8.15	56	1\12	462000219	5.8.15	3590.64	BXQ	4.8.15	15.5	6.3	41.2	3586.3	G-13
2	BOCM-I	G-13	4.8.15	58	1\13	462000220	6.8.15	3684.65	BXQ	4.8.15	15.8	6.8	41.7	3524.8	G-13
3	BOCM-I	G-13	5.8.15	59	1\14	462000221	6.8.15	3745.99	BXQ	5.8.15	16.1	6.8	41.8	3530.4	G-13
4	BOCM-II	G-13	6.8.15	56	2\17	462000222	7.8.15	3591.67	BXQ	6.8.15	15.5	6.5	40.7	3590.7	G-13
5	BOCM-II	G-13	7.8.15	57	2\21	462000223	9.8.15	3671.56	BXQ	7.8.15	15.5	6.7	41.1	3546.7	G-13
6	BOCM-II	G-13	8.8.15	59	2\23	262010822	9.8.15	3546.41	BXQ	8.8.15	14.1	6.9	42.3	3526.6	G-13
7	BOCM-II	G-13	11.8.15	58	2\31	462000224	12.8.15	3713.38	BXQ	11.8.15	15.4	6.7	40.7	3576.7	G-13
8	BOCM-II	G-13	12.8.15	58	2\35	462000226	13.8.15	3706.62	BXQ	12.8.15	15.6	6.6	41.4	3564.1	G-13
9	BOCM-I	G-13	12.8.15	58	1\34	462000225	13.8.15	3618.27	BXQ	12.8.15	15.9	6.8	41.7	3542.7	G-13
10	BOCM-I	G-13	12.8.15	59	1\36	462000227	15.8.15	3716.51	BXQ	12.8.15	16.3	6.9	42.1	3539.1	G-13
11	BOCM-I	G-13	13.8.15	58	1\37	462000227	15.8.15	3561.98	BXQ	13.8.15	15.5	6.7	41.2	3546.1	G-13
12	BOCM-I	G-13	14.8.15	59	1\40	462000229	15.8.15	3772.51	BXQ	14.8.15	15.7	6.9	41.7	3539.0	G-13
13	BOCM-II	G-13	14.8.15	58	2\41	462000230	16.8.15	3668.18	BXQ	14.8.15	15.5	6.7	41.2	3559.7	G-13
14	BOCM-I	G-13	15.8.15	59	1\43	462000231	16.8.15	3764.21	BXQ	15.8.15	15.8	6.8	41.7	3536.6	G-13
15	BOCM-II	G-13	15.8.15	58	2\44	462000232	17.8.15	3733.18	BXQ	15.8.15	15.4	6.2	40.9	3583.8	G-13
16	BOCM-I	G-13	16.8.15	59	1\46	462000234	17.8.15	3772.51	BXQ	16.8.15	15.7	6.7	41.1	3554.4	G-13

  
 Sr. Tech. Insp. / Lab. Tech  
 Lakhapur Laboratory (COAL)  
 LAKHANPUR AREA,  
 700091



Page-01/02

18	BOCM-II	G-13	16.8.15	59	2\46	462000233	17.8.15	3804.61	BXQ	16.8.15	16.1	6.5	40.9	3592.4	G-13			
19	BOCM-II	G-13	17.8.15	59	2\49	462000235	18.8.15	3614.21	BXQ	17.8.15	15.6	6.7	40.9	3551.6	G-13			
20	BOCM-II	G-13	17.8.15	59	2\50	462000236	19.8.15	3650.41	BXQ	17.8.15	15.3	6.4	40.6	3574.7	G-13			
21	BOCM-I	G-13	18.8.15	58	1\53	462000287	20.8.15	3718.59	BXQ	18.8.15	15.6	6.6	41.3	3558.3	G-13			
22	BOCM-II	G-13	19.8.15	56	2\55	462000238	20.8.15	3604.64	BXQ	19.8.15	14.5	6.5	41.8	3531.4	G-13			
23	BOCM-I	G-13	20.8.15	57	1\57	462000239	22.8.15	3706.23	BXQ	20.8.15	15.6	6.4	41.0	3588.2	G-13			
24	BOCM-II	G-13	20.8.15	56	2\58	462000240	22.8.15	3642.91	BXQ	20.8.15	15.7	6.5	41.1	3556.0	G-13			
25	BOCM-I	G-13	21.8.15	57	1\60	462000241	22.8.15	3687.54	BXQ	21.8.15	16.3	6.9	41.9	3529.9	G-13			
25	BOCM-II	G-13	21.8.15	56	2\61	262010841	22.8.15	3646.61	BXQ	21.8.15	15.8	6.8	41.7	3542.2	G-13			
TOTAL															91934.02			
WEIGHTED AVERAGE																		
SURFACE MOISTURE % IN WEIGHTED AVERAGE											15.6		6.7		41.3		3554.9	
									8.9									

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

Date 06.08.2015

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.

Lab. Tech  
 (COAL)  
 (Purchaser)

Sign of Rep

NAME:

NAME OF CONSUMER

Arbind Singh  
 (Bxq/rep)

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, Sēctor -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 **Aug-15**

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : MCL

AREA : LAKHANPUR

ANALYSIS LABORATORY : AREA LABORATORY, LAKHANPUR

Sl. No.	Name of siding/colliery/loading	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				
						No.	Date					M%	Ash%	GCV	Grade	
1	BOCM-I	G-13	1.8.15	58	1\5	112000078	3.8.15	3460.72	HEBS	1.8.15	15.1	6.8	40.6	3538.7	G-13	
2	BOCM-I	G-13	4.8.15	58	1\11	112000080	5.8.15	3849.70	HEBS	4.8.15	15.8	6.6	41.5	3540.8	G-13	
3	BOCM-II	G-13	4.8.15	58	2\12	112000081	6.8.15	3791.40	HEBS	4.8.15	15.4	6.2	41.1	3591.6	G-13	
4	BOCM-VII	G-13	4.8.15	56	7\15	112000104	7.8.15	3805.99	HEBS	4.8.15	15.0	6.8	41.8	3527.2	G-13	
<b>TOTAL</b>								<b>14907.81</b>								
<b>WEIGHTED AVERAGE</b>											<b>15.3</b>	<b>6.6</b>	<b>41.3</b>	<b>3549.8</b>		
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>8.7</b>							

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

Date: 09-09-2015

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

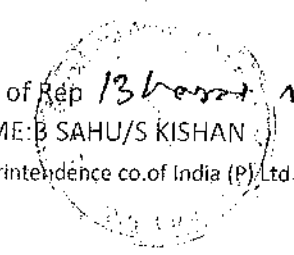
1. Concerned Area SM(QC)
2. Office of the GM(QC) Coal Co.
3. Office of Purchaser/Consumer.

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.

*Received by  
[Signature]  
[Signature]*





# SUPERINTENDENCE COMPANY OF INDIA (PVT) LTD

ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF 01/08/2015 TO 31/08/2015(AUGUST-2015)

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION


NAME OF COAL COMPANY: MAHANADI COALFIELDS LIMITED, AREA: LAKHANPUR AREA, ANALYSIS LABORATORY: AREA LABORATORY, LKP OCP.

SL NO.	Name of the siding/colliery/loading point	Sized and declared GCV/Grade	Date of Loading	No. of Wgs	Rake No.	Railway Receipt		Qty as per Records	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	MGR-06	G-13	01.08.15					6571.90	OPGC	01.08.15	13.8	6.5		3448.2	G-13
2	MGR-06	G-13	02.08.15					8515.20	OPGC	02.08.15	13.5	6.2		3439.7	G-13
3	MGR-06	G-13	03.08.15					6634.00	OPGC	03.08.15	13.6	6.5		3449.0	G-13
4	MGR-06	G-13	04.08.15					6596.50	OPGC	04.08.15	13.3	6.3		3438.6	G-13
5	MGR-06	G-13	05.08.15					4366.60	OPGC	05.08.15	14.3	6.5		3536.7	G-13
6	MGR-06	G-13	06.08.15					6442.80	OPGC	06.08.15	12.6	6.3		3449.7	G-13
7	MGR-06	G-13	07.08.15					8270.00	OPGC	07.08.15	12.9	6.4		3430.3	G-13
8	MGR-06	G-13	08.08.15					8140.20	OPGC	08.08.15	13.4	5.9		3442.0	G-13
9	MGR-06	G-13	09.08.15					8057.10	OPGC	09.08.15	13.9	6.7		3435.9	G-13
10	MGR-06	G-13	10.08.15					8211.10	OPGC	10.08.15	13.6	6.2		3435.1	G-13
11	MGR-06	G-13	11.08.15					6720.80	OPGC	11.08.15	13.1	6.5		3441.0	G-13
12	MGR-06	G-13	12.08.15					8958.00	OPGC	12.08.15	12.9	6.3		3433.4	G-13
13	MGR-06	G-13	13.08.15					6577.00	OPGC	13.08.15	12.7	6.1		3434.6	G-13
14	MGR-06	G-13	14.08.15					6439.40	OPGC	14.08.15	13.0	6.4		3444.1	G-13
15	MGR-06	G-13	15.08.15					8681.90	OPGC	15.08.15	12.5	6.4		3435.9	G-13

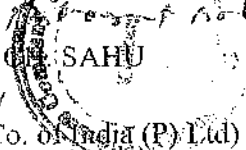
1. Samples received for analysis were sealed and jointly signed at loading ends.
2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part-I), 1984 & IS: 1350 (Part-II), 1970 for determination of GCV.
3. Wagons statement are enclosed.
4. For Road, Ropeway, Belt, Pipe line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

PAGE NO. 01/02

Date: 10.09.2015

Signature of Rep.   
 Name: A.K. PADHAN  
 Name of the Coal Co - MCL

Signature of Rep.   
 Name: PRASHANTA CHOUDHURY  
 Name of Purchaser/Consumer: OPGC

Signature of Rep.   
 Name - BHARAT SAHU  
 Name of 3rd Party  
 (Superintendence Co. of India (P) Ltd)

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF 01/08/2015 TO 31/08/2015 (PART-2)

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY: MAHANADI COALFIELDS LIMITED, AREA: LAKHANPUR AREA, ANALYSIS LABORATORY: AREA LABORATORY, LKP OCP.

SL NO.	Name of the siding/colliery/loading	Sized and declared GCV/Grade	Date of Loading	No. of Wgs	Rake No.	Railway Receipt		Qty as per Records	Destination PHs/Consumer	Sample Collection Date	TM%	Analysis result on equilibrated condition of			
						No.	Date					M%	Ash%	GCV	Grade
16	MGR-06	G-13	16.08.15					10388.90	OPGC	16.08.15	12.4	6.3	3449.1	G-13	
17	MGR-06	G-13	17.08.15					8454.70	OPGC	17.08.15	13.3	7.5	3437.1	G-13	
18	MGR-06	G-13	18.08.15					6722.30	OPGC	18.08.15	13.0	6.9	3443.7	G-13	
19	MGR-06	G-13	19.08.15					9029.70	OPGC	19.08.15	14.1	7.2	3440.0	G-13	
20	MGR-06	G-13	20.08.15					6703.20	OPGC	20.08.15	14.0	7.1	3449.2	G-13	
21	MGR-06	G-13	21.08.15					6568.00	OPGC	21.08.15	13.6	6.8	3448.5	G-13	
22	MGR-06	G-13	22.08.15					4478.40	OPGC	22.08.15	14.4	7.1	3440.6	G-13	
23	MGR-06	G-13	23.08.15					6620.90	OPGC	23.08.15	13.2	6.7	3450.8	G-13	
24	MGR-06	G-13	24.08.15					8408.30	OPGC	24.08.15	13.4	7.0	3449.7	G-13	
25	MGR-06	G-13	25.08.15					6392.50	OPGC	25.08.15	13.7	6.8	3444.8	G-12	
26	MGR-06	G-13	26.08.15					4199.30	OPGC	26.08.15	13.7	7.2	3427.1	G-13	
27	MGR-06	G-13	27.08.15					2204.80	OPGC	27.08.15	13.1	6.9	3447.3	G-13	
28	MGR-06	G-13	28.08.15					4293.60	OPGC	28.08.15	13.5	6.9	3450.6	G-13	
29	MGR-06	G-13	29.08.15					8983.60	OPGC	29.08.15	13.1	6.5	3449.8	G-13	
30	MGR-06	G-13	30.08.15					10859.00	OPGC	30.08.15	13.4	6.8	3451.4	G-13	
31	MGR-06	G-13	31.08.15					8596.40	OPGC	31.08.15	13.0	6.7	3437.9	G-13	
<b>TOTAL</b>								<b>222086.10</b>							
<b>WEIGHTED AVERAGE</b>											<b>13.3</b>	<b>6.6</b>	<b>3444.3</b>	<b>G-13</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>								<b>6.7</b>							

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

PAGE NO.02/02

Date: 10.09.2015

Signature of Rep.

Name:

Name of the Coal Co - MCL

Signature of Rep.

Name: PRASHANTA CHOUDHURY

Name of Purchaser/Consumer: OPGC

Signature of Rep.

Name - BHARAT CH. SAHU

Name of 3rd Party

(Superintendent of India Pvt Ltd)

# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rgd. 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 AUGUST-2015 LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MAHANADI COALFIELDS LIMITED

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	2.8.15	59	6\6	162000533	5.8.15	3893.64	PARAS	2.8.15	14.2	6.7	41.1	3568.3	G-13
2	BOCM-II	G-13	3.8.15	58	2\68	162000477	4.8.15	3837.26	PARAS	3.8.15	15.7	6.5	41.2	3558.5	G-13
3	BOCM-VI	G-13	8.8.15	57	6\22	162000555	10.8.15	3832.98	PARAS	8.8.15	15.2	6.9	41.1	3533.6	G-13
4	BOCM-II	G-13	11.8.15	59	2\33	162000494	13.8.15	3833.07	PARAS	11.8.15	16.0	6.8	42.1	3552.2	G-13
5	BOCM-VI	G-13	12.8.15	56	6\34	162000575	15.8.15	3633.81	PARAS	12.8.15	16.0	6.8	41.8	3544.7	G-13
6	BOCM-III	G-13	13.8.15	59	3\20	162000131	14.8.15	3840.27	PARAS	13.8.15	16.1	6.8	41.9	3538.2	G-13
7	BOCM-VII	G-13	14.8.15	59	7\47	162000583	15.8.15	3936.39	PARAS	14.8.15	15.7	6.7	41.4	3553.8	G-13
8	BOCM-III	G-13	16.8.15	59	3\29	162000135	18.8.15	3781.96	PARAS	16.8.15	15.4	6.6	40.7	3588.9	G-13
9	BOCM-VII	G-13	18.8.15	58	7\59	162000593	20.8.15	3956.64	PARAS	18.8.15	15.8	6.7	42.1	3549.3	G-13
10	BOCM-VII	G-13	21.8.15	59	7\71	162000602	22.8.15	3890.02	PARAS	21.8.15	16.2	6.9	41.7	3532.1	G-13
11	BOCM-III	G-13	24.8.15	59	3\52	162000152	26.8.15	3725.19	PARAS	24.8.15	16.0	6.8	41.6	3514.2	G-13
12	BOCM-VII	G-13	25.8.15	58	7\87	162000612	27.8.15	3839.72	PARAS	25.8.15	15.7	6.7	41.2	3561.6	G-13
13	BOCM-II	G-13	26.8.15	57	2\74	162000515	28.8.15	3982.70	PARAS	26.8.15	16.3	6.5	41.1	3557.7	G-13
14	BOCM-VII	G-13	29.8.15	58	7\99	262000554	31.8.15	3664.17	PARAS	29.8.15	16.0	6.8	41.6	3543.5	G-13
15	BOCM-VII	G-13	29.8.15	58	7\101	262000555	31.8.15	3599.52	PARAS	29.8.15	15.6	6.4	41.2	3582.2	G-13
								<b>57247.34</b>							
<b>WEIGHTED AVERAGE</b>											<b>15.7</b>	<b>6.7</b>	<b>41.5</b>	<b>3551.9</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>											<b>9.0</b>				

Date: 09-09-2015

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(O/C)

Sign of Rep

Sr. Team Leader, Lab. In-charge  
Area Lab., LAKHANPUR  
(GCV/Grade)

Sign of Rep

Sign of Rep



# 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 AUGUST-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			
						No.	Date					M%	Ash%	GCV	Grade
1	BOCM-VII	G-13	2.8.15	58	7\5	112000099	4.8.15	3882.68	TNEB	2.8.15	16.3	6.7	40.7	3600.8	G-13
2	BOCM-I	G-13	3.8.15	56	1\8	112000079	4.8.15	3886.10	TNEB	3.8.15	15.6	6.6	41.3	3556.8	G-13
3	BOCM-VII	G-13	3.8.15	59	7\8	112000102	5.8.15	3983.71	TNEB	3.8.15	15.7	6.4	41.1	3591.8	G-13
4	BOCM-VII	G-13	3.8.15	59	3\4	112000092	7.8.15	4011.60	TNEB	4.8.15	15.2	6.4	40.6	3590.0	G-13
5	BOCM-VI	G-13	4.8.15	57	6\8	112000102	6.8.15	3948.00	TNEB	4.8.15	15.4	6.2	40.9	3596.8	G-13
6	BOCM-VII	G-13	4.8.15	58	7\14	112000103	6.8.15	4026.20	TNEB	4.8.15	15.7	6.5	41.4	3560.8	G-13
7	BOCM-III	G-13	5.8.15	58	3\5	112000032	7.8.15	4018.40	TNEB	5.8.15	15.4	6.6	41.1	3543.3	G-13
8	BOCM-I	G-13	6.8.15	58	1\18	112000082	8.8.15	3696.42	TNEB	6.8.15	15.9	6.7	40.8	3561.6	G-13
9	BOCM-VII	G-13	6.8.15	59	7\20	112000105	7.8.15	3989.88	TNEB	6.8.15	15.2	6.4	40.6	3588.6	G-13
10	BOCM-II	G-13	8.8.15	56	2\22	112000083	9.8.15	3506.25	TNEB	8.8.15	15.4	6.6	40.6	3597.0	G-13
11	BOCM-I	G-13	9.8.15	59	1\25	112000084	10.8.15	3677.43	TNEB	9.8.15	16.0	6.6	41.2	3584.3	G-13
12	BOCM-III	G-13	9.8.15	55	3\13	112000034	11.8.15	3531.63	TNEB	9.8.15	16.8	6.5	42.2	3537.3	G-13
13	BOCM-I	G-13	10.8.15	59	1\30	112000085	12.8.15	3629.48	TNEB	10.8.15	15.9	6.8	41.6	3562.3	G-13
14	BOCM-III	G-13	10.8.15	57	3\14	112000035	12.8.15	3634.55	TNEB	10.8.15	15.6	6.5	41.3	3589.4	G-13
15	BOCM-III	G-13	11.8.15	58	3\17	112000036	13.8.15	3734.90	TNEB	11.8.15	15.5	6.7	41.2	3540.0	G-13
16	BOCM-VI	G-13	12.8.15	53	6\35	112000106	15.8.15	3384.04	TNEB	12.8.15	15.2	6.4	40.8	3583.6	G-13
17	BOCM-II	G-13	13.8.15	55	2\39	112000086	15.8.15	3460.40	TNEB	13.8.15	15.1	6.3	40.8	3594.6	G-13
18	BOCM-II	G-13	16.8.15	58	2\47	112000087	18.8.15	3612.06	TNEB	16.8.15	15.5	6.5	40.9	3542.4	G-13
19	BOCM-VII	G-13	17.8.15	58	7\55	112000107	18.8.15	3751.39	TNEB	17.8.15	15.2	6.3	40.5	3581.8	G-13
20	BOCM-III	G-13	18.8.15	58	3\34	212000715	20.8.15	4055.10	TNEB	18.8.15	13.6	6.6	41.0	3580.7	G-13
21	BOCM-III	G-13	19.8.15	58	3\37	212000716	20.8.15	4026.91	TNEB	19.8.15	15.5	6.5	41.0	3559.7	G-13
22	BOCM-II	G-13	20.8.15	56	2\59	112000088	22.8.15	3730.50	TNEB	20.8.15	15.8	6.7	41.1	3559.7	G-13

  
 J. K. Singh  
 AREA LAB., LAKHANPUR  
 SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

  
 Area Lab., Lakhanpur  
 SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

23	BOCM-VII	G-13	20.8.15	58	7\66	112000108	22.8.15	3979.90	TNEB	20.8.15	16.7	6.2	41.7	3555.4	G-13
24	BOCM-VII	G-13	21.8.15	59	7\70	112000109	22.8.15	3762.89	TNEB	21.8.15	13.8	6.5	40.9	3603.1	G-13
25	BOCM-III	G-13	24.8.15	58	3\51	212000717	26.8.15	3725.19	TNEB	24.8.15	15.7	6.6	41.1	3543.3	G-13
26	BOCM-VI	G-13	24.8.15	59	6\75	112000110	26.8.15	3858.41	TNEB	24.8.15	16.1	6.7	41.8	3515.6	G-13
27	BOCM-III	G-13	25.8.15	59	3\53	212000718	27.8.15	3902.86	TNEB	25.8.15	16.1	6.8	41.8	3530.1	G-13
28	BOCM-VI	G-13	26.8.15	58	6\82	112000112	28.8.15	3531.81	TNEB	26.8.15	15.8	6.7	40.6	3579.3	G-13
29	BOCM-VII	G-13	26.8.15	58	7\90	112000111	28.8.15	3678.22	TNEB	26.8.15	15.7	6.6	41.0	3553.6	G-13
30	BOCM-III	G-13	27.8.15	59	3\59	212000719	28.8.15	3749.45	TNEB	27.8.15	16.0	6.7	41.5	3562.6	G-13
31	BOCM-VII	G-13	27.8.15	57	7\93	212000173	28.8.15	3640.58	TNEB	27.8.15	15.6	6.6	41.0	3594.3	G-13
32	BOCM-II	G-13	28.8.15	59	2\78	112000089	29.8.15	3404.87	TNEB	28.8.15	15.7	6.5	41.3	3568.3	G-13
33	BOCM-III	G-13	28.8.15	58	3\62	212000720	29.8.15	4086.50	TNEB	28.8.15	15.5	6.3	41.1	3609.9	G-13
34	BOCM-VI	G-13	28.8.15	57	6\92	212000174	29.8.15	3701.72	TNEB	28.8.15	15.8	6.6	41.7	3549.2	G-13
35	BOCM-III	G-13	29.8.15	57	3\64	212000721	30.8.15	3880.60	TNEB	29.8.15	15.9	6.8	41.7	3540.4	G-13
36	BOCM-VII	G-13	29.8.15	55	7\100	212000175	30.8.15	3477.88	TNEB	29.8.15	16.1	6.9	41.7	3534.9	G-13
37	BOCM-I	G-13	30.8.15	53	1\83	112000090	31.8.15	3377.05	TNEB	30.8.15	16.2	6.8	41.8	3546.4	G-13
38	BOCM-III	G-13	30.8.15	55	3\68	212000722	31.8.15	3458.10	TNEB	30.8.15	16.1	6.8	41.9	3541.6	G-13
39	BOCM-VI	G-13	30.8.15	58	6\97	212000176	31.8.15	4096.50	TNEB	30.8.15	16.1	6.7	41.9	3548.9	G-13
40	BOCM-I	G-13	31.8.15	58	1\87	112000092	1.9.15	3665.40	TNEB	31.8.15	13.7	6.8	41.7	3543.3	G-13
41	BOCM-II	G-13	31.8.15	59	2\86	112000091	1.9.15	3812.92	TNEB	31.8.15	14.1	6.9	41.6	3550.9	G-13
42	BOCM-III	G-13	31.8.15	57	3\69	212000723	1.9.15	4004.00	TNEB	31.8.15	14.2	6.7	41.9	3553.7	G-13
<b>TOTAL</b>								<b>157972.48</b>							
<b>WEIGHTED AVERAGE</b>											<b>15.5</b>	<b>6.6</b>	<b>41.2</b>	<b>3565.1</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>8.9</b>						

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

Date 05-09-2015 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: V. ELUMALAI

NAME OF CONSUMER

Sign of Rep

NAME: B SAHU/S KISHAN

Superintendence co. of India (P) Ltd

TNEB

# 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 AUGUST- 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	1.8.15	59	6\1	162000527	2.8.15	3948.71	KIG	1.8.15	14.7	7.1	41.8	3500.1	G-13
2	BOCM-I	G-13	2.8.15	59	1\6	162000476	3.8.15	3756.62	KIG	2.8.15	15.8	7.1	41.3	3528.4	G-13
3	BOCM-II	G-13	3.8.15	58	2\9	162000479	4.8.15	3898.33	KIG	3.8.15	15.5	6.3	40.9	3588.4	G-13
4	BOCM-II	G-13	4.8.15	58	2\11	162000480	5.8.15	3710.63	KIG	4.8.15	15.6	6.4	41.3	3565.3	G-13
5	BOCM-I	G-13	5.8.15	59	1\15	462000221	6.8.15	3480.93	KIG	5.8.15	15.6	6.5	41.3	3534.9	G-13
6	BOCM-I	G-13	5.8.15	59	1\16	162000483	6.8.15	3501.88	KIG	5.8.15	15.3	6.6	40.9	3548.6	G-13
7	BOCM-VI	G-13	6.8.15	57	6\14	162000548	8.8.15	3846.51	KIG	6.8.15	15.3	6.7	41.5	3543.2	G-13
8	BOCM-VI	G-13	7.8.15	59	6\16	162000550	8.8.15	3931.28	KIG	7.8.15	15.5	6.7	40.7	3589.2	G-13
9	BOCM-VII	G-13	7.8.15	55	7\24	142000019	9.8.15	3804.10	KIG	7.8.15	14.0	6.6	41.3	3549.5	G-13
10	BOCM-I	G-13	8.8.15	58	1\23	242000714	10.8.15	3638.18	KIG	8.8.15	16.1	6.8	41.2	3543.3	G-13
11	BOCM-VII	G-13	8.8.15	58	7\28	162000559	10.8.15	3984.00	KIG	8.8.15	15.6	6.6	40.7	3551.5	G-13
12	BOCM-VI	G-13	9.8.15	58	6\24	152000004	11.8.15	4000.24	KIG	9.8.15	15.7	6.9	41.2	3550.6	G-13
13	BOCM-VI	G-13	10.8.15	59	6\26	162000564	11.8.15	3948.41	KIG	10.8.15	15.3	6.2	40.9	3603.0	G-13
14	BOCM-VI	G-13	10.8.15	56	6\29	162000567	12.8.15	3641.90	KIG	10.8.15	15.4	6.3	41.1	3600.1	G-13
15	BOCM-I	G-13	12.8.15	58	1\35	262010825	15.8.15	3435.32	KIG	12.8.15	15.5	6.7	41.2	3562.6	G-13

*[Handwritten Signature]*  
 SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.  
 AREA LAB., LAKHANPUR  
 10/10/15






BOCM-VII	G-13	18.8.15	56	7\60	162000594	20.8.15	3923.49	KIG	18.8.15	15.6	6.2	40.6	3594.7	G-13
BOCM-VII	G-13	19.8.15	59	7\64	162000598	22.8.15	3849.80	KIG	19.8.15	15.4	6.7	40.9	3564.9	G-13
BOCM-III	G-13	20.8.15	51	3\41	162000145	22.8.15	3567.40	KIG	20.8.15	15.5	6.5	40.8	3600.8	G-13
BOCM-III	G-13	21.8.15	59	3\44	162000147	23.8.15	3883.23	KIG	21.8.15	15.4	6.3	41.0	3605.7	G-13
BOCM-III	G-13	23.8.15	52	3\50	162000150	25.8.15	3321.58	KIG	23.8.15	14.6	6.6	41.0	3535.2	G-13
BOCM-VI	G-13	24.8.15	51	6\78	162000610	25.8.15	3299.67	KIG	24.8.15	15.7	6.7	41.5	3509.1	G-13
BOCM-VI	G-13	27.8.15	58	6\86	162000619	28.8.15	3815.70	KIG	27.8.15	16.1	6.6	41.8	3541.5	G-13
BOCM-VII	G-13	27.8.15	57	7\94	162000621	28.8.15	3552.34	KIG	27.8.15	15.9	6.5	41.9	3560.9	G-13
BOCM-II	G-13	28.8.15	55	2\80	262010851	29.8.15	3694.50	KIG	28.8.15	15.6	6.4	41.2	3588.1	G-13
<b>TOTAL</b>								<b>89434.75</b>						
<b>WEIGHTED AVERAGE</b>										<b>15.4</b>	<b>6.6</b>	<b>41.2</b>	<b>3561.3</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>8.9</b>					

Date 06-09-2015 1. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I), 1984&IS :1350 (Part-II), 1970 for determination of GCV.

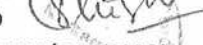
2. Wagons statement are enclosed .

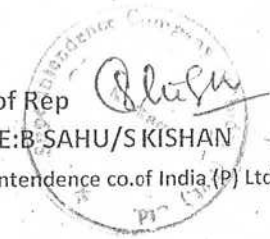
3. quantity is based on provisional reports

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: www.superintendence.com

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

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY \ MAHANADI COALFIELDS LIMITED

AREA : ORIENT AREA , HBM COAL

ANALYSIS LABORATORY : AREA LABORATORY RAMPUR.

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-III	G-9	07.08.15	15	21	162000297	07.08.15	999.61	KIG	07.08.15	10.0	6.6	27.6	4841.5	G-9
2	LOCM-III	G-9	09.08.15	15	29	152000002	10.08.15	1003.96	KIG	09.08.15	10.3	6.7	27.5	4828.7	G-9
3	LOCM-III	G-9	10.08.15	15	31	162000301	10.08.15	1041.70	KIG	10.08.15	9.5	6.5	28.5	4698.9	G-9
4	LOCM-III	G-9	15.08.15	10	45	162000806	15.08.15	659.69	KIG	15.08.15	9.7	6.4	28.2	4661.1	G-9
5	LOCM-III	G-9	24.08.15	15	65	162000310	24.08.15	1056.47	KIG	24.08.15	9.8	6.7	27.5	4780.9	G-9
6	LOCM-III	G-9	28.08.15	15	77	162000314	29.08.15	1051.80	KIG	28.08.15	9.6	6.7	28.2	4768.7	G-9
<b>TOTAL</b>								<b>5813.23</b>							
<b>WEIGHTED AVERAGE</b>											<b>9.8</b>	<b>6.6</b>	<b>27.9</b>	<b>4769.1</b>	<b>G-9</b>
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>3.2</b>						

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

Date-06.09.2015

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.

1. Concerned Area SM(QC)

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

3. Office of Purchaser/Consumer.

Sign of Rep.

NAME: M.M. KARMAKAR

NAME OF COAL CO., MCL

Technical Inspector  
Laboratory, RSA

Sign of Rep.

Name : P. J. ...

Name of Purchser/Consumer

Sign of Rep.

NAME: S.K. PANDA

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 -AUGUST- 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

AREA : ORIENT AREA , HBM COAL

NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED  
 ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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-III	G-9	03.08.15	15	10	162000292	04.08.15	989.84	BTPC	03.08.15	10.1	6.4	27.3	4855.5	G-9
2	LOCM-III	G-9	08.08.15	15	26	162000299	09.08.15	1039.50	BTPC	08.08.15	10.3	6.9	28.2	4642.5	G-9
3	LOCM-III	G-9	09.08.15	15	28	152000001	09.08.15	992.96	BTPC	09.08.15	9.8	6.5	27.6	4870.9	G-9
4	LOCM-III	G-9	10.08.15	15	32	162000301	10.08.15	1014.40	BTPC	10.08.15	9.7	6.3	28.1	4788.5	G-9
5	LOCM-III	G-9	16.08.15	10	47	162000307	17.08.15	677.67	BTPC	16.08.15	9.5	6.7	27.8	4809.7	G-9
6	LOCM-III	G-9	26.08.15	15	72	262003765	26.08.15	1022.84	BTPC	26.08.15	10.3	6.4	27.7	4792.4	G-9
7	LOCM-III	G-9	28.08.15	15	79	262003766	29.08.15	983.76	BTPC	29.08.15	10.2	6.3	28.0	4842.2	G-9
								6720.97			10.0	6.5	27.8	4798.6	G-9

TOTAL

WEIGHTED AVERAGE

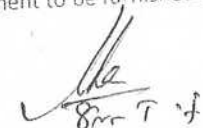
3.5

SURFACE MOISTURE % IN WEIGHTED AVERAGE

DATE- 06.09.2015

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. Wagon 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: M.M. KARMAKAR  
 NAME OF COAL CO., MCL  
 Technical Inspector  
 Laboratory, USA

Sign of Rep.  
 Name :   
 Name of Purchser/Comsumer

Sign of Rep.  
 NAME: S.K.PANDA  
 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 - AUGUST - 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED

AREA : ORIENT


ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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-III	G-9	06.08.15	15	19	262003752	07.08.15	1041.20	CD	06.08.15	9.7	6.7	27.4	4680.9	G-9	
2	LOCM-III	G-9	11.08.15	15	36	262003755	12.08.15	1040.67	CD	11.08.15	10.3	6.2	28.5	4701.6	G-9	
3	LOCM-III	G-9	14.08.15	10	42	262003756	14.08.15	694.90	CD	14.08.15	10.5	6.7	28.5	4844.7	G-9	
4	LOCM-III	G-9	20.08.15	10	54	262003759	20.08.15	705.20	CD	20.08.15	9.5	6.3	28.5	4735.1	G-9	
5	LOCM-III	G-9	23.08.15	15	61	262003762	23.08.15	1053.00	CD	23.08.15	10.5	6.6	27.8	4815.8	G-9	
<b>TOTAL</b>								<b>4534.97</b>								
<b>WEIGHTED AVERAGE</b>											<b>10.1</b>	<b>6.5</b>	<b>28.1</b>	<b>4750.5</b>	<b>G-9</b>	
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>3.6</b>							

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.

Date-06.09.2015

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

Sign of Rep.   
 NAME: M.M. KARMAKAR  
 NAME OF COAL CO., MCL  
 Technical Inspector  
 Laboratory, RSA

Sign of Rep.  
 Name :  
 Name of Purchser/Comsumer

Sign of Rep.   
 NAME: S.K.PANDA  
 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 - AUGUST - 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED

AREA : ORIENT

ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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-III	G-9	07-08-2015	15	22	112000050	07-08-2015	1014.86	TNEB	07-08-2015	9.8	6.5	27.7	4788.2	G-9
2	LOCM-III	G-9	24-08-2015	15	64	112000051	24-08-2015	1008.68	TNEB	24-08-2015	10.2	6.4	27.9	4788.6	G-9
3	LOCM-III	G-9	24-08-2015	15	67	112000052	25-08-2015	1020.52	TNEB	24-08-2015	10.4	6.7	28.2	4834.9	G-9
<b>TOTAL</b>								<b>3044.06</b>							
<b>WEIGHTED AVERAGE</b>											<b>10.1</b>	<b>6.5</b>	<b>27.9</b>	<b>4804.0</b>	<b>G-9</b>
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>3.6</b>						

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 .

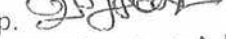
4.For Road ,Ropeway ,Belt ,Pipe line etc statement to be furnished separately.

Date-04.09.2015

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


Sign of Rep.   
 NAME:M.M.KARMAKAR  
 NAME OF COAL CO.,MCL

Technical Inspector.  
 Laboratory,RSA

Sign of Rep.   
 Name : [V-ELUMALAI]  
 Name of Purchser/Comsumer

Sign of Rep.   
 NAME: D.K.DAS  
 Superintendence co



Received Two copy  




# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

H.O. & Rgd. 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 - AUGUST- 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

AREA : ORIENT


NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED  
 ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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-III	G-9	05.08.15	15	16	161000080	06.08.15	1048.50	PMAM	05.08.15	10.5	6.7	28.5	4643.1	G-9
2	LOCM-III	G-9	06.08.15	15	18	161000081	06.08.15	1042.80	PMAM	06.08.15	9.9	6.5	27.8	4773.2	G-9
3	LOCM-III	G-9	11.08.15	15	33	161000082	11.08.15	1041.00	PMAM	11.08.15	10.3	6.6	28.3	4704.1	G-9
4	LOCM-III	G-9	19.08.15	10	53	261000117	19.08.15	682.56	PMAM	19.08.15	10.4	6.7	27.6	4840.1	G-9
<b>TOTAL</b>											10.3	6.6	28.1	4730.6	G-9
<b>WEIGHTED AVERAGE</b>											3.6				
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>															


DATE-06.09.2015

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: M.M. KARMAKAR  
 NAME OF COAL CO., MCL  
 Sr. Technical Inspector  
 Laboratory, RSA

Sign of Rep.   
 Name : M. Phanna  
 Name of Purchser/Comsumer

Sign of Rep.   
 NAME: S.K. PANDA  
 Superintendent of



# 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 - AUGUST- 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED

AREA : ORIENT

ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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-III	G-9	05.08.15	15	16	161000080	06.08.15	1048.50	PMAM	05.08.15	10.5	6.7	28.5	4643.1	G-9
2	LOCM-III	G-9	06.08.15	15	18	161000081	06.08.15	1042.80	PMAM	06.08.15	9.9	6.5	27.8	4773.2	G-9
3	LOCM-III	G-9	11.08.15	15	33	161000082	11.08.15	1041.00	PMAM	11.08.15	10.3	6.6	28.3	4704.1	G-9
4	LOCM-III	G-9	19.08.15	10	53	261000117	19.08.15	682.56	PMAM	19.08.15	10.4	6.7	27.6	4840.1	G-9
<b>TOTAL</b>								<b>3814.86</b>							
<b>WEIGHTED AVERAGE</b>											<b>10.3</b>	<b>6.6</b>	<b>28.1</b>	<b>4730.6</b>	<b>G-9</b>
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>3.6</b>						

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

DATE-06.09.2015

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.

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

Sign of Rep.   
NAME: M.M. KARMAKAR

NAME OF COAL CO., MCL  
Sr. Technical Inspector  
Laboratory, RSA

Sign of Rep.   
Name : Mintulal Sharma  
Name of Purcher/Consumer

Sign of Rep.   
NAME: S.K. PANDA  
Superintendence Co. of India Ltd.



# SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

H.O. & Rgd. 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 AUGUST-2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED

AREA : ORIENT

ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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	ORIENT	G-9	07-08-2015	59	2	212000660	08-08-2015	3886.72	TNEB	07-08-2015	10.2	6.3	28.5	4727.9	G-9
<b>TOTAL</b>								3886.72			10.2	6.3	28.5	4727.9	G-9
<b>WEIGHTED AVERAGE</b>											10.2	6.3	28.5	4727.9	G-9
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									3.9						

1. Samples received for analysis were sea ed 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. Wagon statement are enclosed.


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

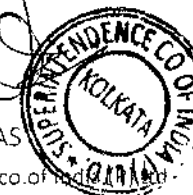
Date-04.09.2015

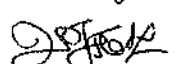
1. Concerned Area SM(QC)
2. Office of the GM(QC) Coal Co.
3. Office of Purchaser/Consumer.

Sign of Rep.   
 NAME: M.M. KARMAKAR  
 NAME OF COAL CO., MCL

Sign of Rep.   
 Name: V. ELUMALAI  
 Name of Purchser/Comsumer

Sign of Rep.   
 NAME: D.K. DAS  
 Superintendence co. of India



Received Two copy  


# 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 -AUGUST- 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED

AREA : ORIENT

ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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 <sup>o</sup> C temp./GCV			
						No.	Date					M%	Ash%	GCV	Grade
1	LOCM-III	G-9	13.08.15	20	40	162000304	13.08.15	1388.10	DPL	13.08.15	9.8	6.5	27.8	4793.9	G-9
2	LOCM-III	G-9	15.08.15	10	44	162000805	15.08.15	694.60	DPL	15.08.15	10.5	6.7	28.3	4687.4	G-9
<b>TOTAL</b>								<b>2082.70</b>							
<b>WEIGHTED AVERAGE</b>											<b>10.0</b>	<b>6.6</b>	<b>28.0</b>	<b>4758.4</b>	<b>G-9</b>
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>3.5</b>						

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


Date-06.09.2015

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. Wagon statements 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: M.M. KARMAKAR  
 NAME OF COAL CO., MCL  
 Technical Inspector  
 Laboratory, ISA

Sign of Rep.  
 Name :   
 Name of Purchser/Consumer

Sign of Rep.   
 NAME: S.K. PANDA  
 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, Sèctor -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 - AUGUST- 2015

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY\MAHANADI COALFIELDS LIMITED

AREA : ORIENT AREA , HBM COAL

ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

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-III	G-9	07.08.15	15	21	162000297	07.08.15	999.61	KIG	07.08.15	10.0	6.6	27.6	4841.5	G-9
2	LOCM-III	G-9	09.08.15	15	29	152000002	10.08.15	1003.96	KIG	09.08.15	10.3	6.7	27.5	4828.7	G-9
3	LOCM-III	G-9	10.08.15	15	31	162000301	10.08.15	1041.70	KIG	10.08.15	9.5	6.5	28.5	4698.9	G-9
4	LOCM-III	G-9	15.08.15	10	45	162000806	15.08.15	659.69	KIG	15.08.15	9.7	6.4	28.2	4661.1	G-9
5	LOCM-III	G-9	24.08.15	15	65	162000310	24.08.15	1056.47	KIG	24.08.15	9.8	6.7	27.5	4780.9	G-9
6	LOCM-III	G-9	28.08.15	15	77	162000314	29.08.15	1051.80	KIG	28.08.15	9.6	6.7	28.2	4768.7	G-9
<b>TOTAL</b>								<b>5813.23</b>							
<b>WEIGHTED AVERAGE</b>											<b>9.8</b>	<b>6.6</b>	<b>27.9</b>	<b>4769.1</b>	<b>G-9</b>
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>									<b>3.2</b>						

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


Date-06.09.2015

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 ,Bèlt ,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:M.M.KARMAKAR  
 NAME OF COAL CO.,MCL  
 Technical Inspector  
 Laboratory,RSA

Sign of Rep.  
 Name :   
 Name of Purchser/Comsumer

Sign of Rep.   
 NAME: S.K.PANDA  
 Superintendence co.



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

RECONCILE STATEMENT OF JAGANNATH OCP AND NTPC . TTPS ANALYSIS RESULT OF COAL DESPATCH JAGANNATH AREA

SL NO	DATE	SDG	SAMPLE NO	RR QNTY	ANALYSED BY M/S K.C.SHARMA & CO				ANALYSED BY M/S COTECHA INSP IND PVT LTD					
					ANALYSIS RESULT ON EQUILIBRATED BASIS				ANALYSIS RESULT ON EQUILIBRATED BASIS					
					TM%	A%	GCV	Gf	TM%	A%	GCV	Gf		
1	1-Aug-15	NA	JB-121	2845.00	14.34	6.12	39.20	3864	G12	14.34	6.27	40.33	3789	G12
2	2-Aug-15	NA	JB-122	6140.00	14.22	6.34	39.96	3786	G12	14.22	6.14	40.31	3772	G12
3	3-Aug-15	NA	JB-123	3483.00	14.15	6.48	38.98	3895	G12	14.15	6.39	41.45	3815	G12
4	4-Aug-15	NA	JB-124	3950.00	13.61	6.55	40.25	3793	G12	13.61	6.50	40.24	3788	G12
5	5-Aug-15	NA	JB-125	2952.00	13.69	6.77	39.60	3827	G12	13.69	6.31	41.41	3763	G12
6	6-Aug-15	NA	JB-126	5120.00	13.48	6.51	39.82	3821	G12	13.48	6.11	41.36	3741	G12
7	7-Aug-15	NA	JB-127	4660.00	13.71	6.33	40.32	3749	G12	13.71	6.13	41.64	3746	G12
8	8-Aug-15	NA	JB-128	4730.00	13.61	6.55	39.56	3879	G12	13.61	6.19	41.25	3789	G12
9	9-Aug-15	NA	JB-129	5700.00	13.24	6.40	39.15	3850	G12	13.24	6.40	40.82	3792	G12
10	10-Aug-15	NA	JB-130	4100.00	13.43	6.25	40.04	3793	G12	13.43	6.32	40.85	3820	G12
11	11-Aug-15	NA	JB-131	3928.00	12.78	6.62	40.33	3738	G12	12.78	6.10	40.96	3727	G12
12	12-Aug-15	NA	JB-132	4152.00	12.84	6.54	39.52	3868	G12	12.84	6.19	40.59	3813	G12
13	13-Aug-15	NA	JB-133	4184.00	12.88	6.99	39.27	3949	G12	12.88	6.29	41.42	3736	G12
14	14-Aug-15	NA	JB-134	2883.00	12.99	6.41	40.04	3815	G12	12.99	6.21	40.97	3779	G12
15	15-Aug-15	NA	JB-135	4040.00	13.16	6.63	39.71	3785	G12	13.16	6.28	41.07	3767	G12
16	16-Aug-15	NA	JB-136	3827.00	13.56	6.22	40.37	3831	G12	13.56	6.24	41.37	3728	G12
17	17-Aug-15	NA	JB-137	1004.00	13.06	6.42	39.92	3744	G12	13.06	6.23	40.81	3800	G12
18	18-Aug-15	NA	JB-138	3353.00	13.81	6.35	39.68	3828	G12	13.81	6.07	41.40	3767	G12
19	19-Aug-15	NA	JB-139	2540.00	13.63	6.49	40.22	3737	G12	13.63	6.16	40.72	3819	G12
20	20-Aug-15	NA	JB-140	3870.00	12.89	6.27	39.78	3766	G12	13.12	6.31	41.45	3728	G12
21	21-Aug-15	NA	JB-141	3995.00	13.12	6.52	40.33	3771	G12	13.12	6.10	41.40	3746	G12
22	22-Aug-15	NA	JB-142	3530.00	13.41	6.53	39.16	3868	G12	13.41	6.50	40.47	3772	G12
23	23-Aug-15	NA	JB-143	5108.00	13.64	6.48	40.09	3781	G12	13.64	6.09	40.48	3819	G12
24	24-Aug-15	NA	JB-144	2126.00	13.18	6.51	40.25	3781	G12	13.18	6.26	40.79	3792	G12
25	25-Aug-15	NA	JB-145	2423.00	14.15	6.31	39.11	3918	G12	14.15	6.25	41.16	3752	G12
26	26-Aug-15	NA	JB-146	3453.00	14.15	6.31	39.73	3850	G12	14.15	6.16	41.05	3771	G12
27	27-Aug-15	NA	JB-147	3300.00	14.54	6.53	40.65	3758	G12	14.54	6.24	41.03	3770	G12
28	28-Aug-15	NA	JB-148	1055.00	14.36	6.49	39.97	3860	G12	14.36	6.13	41.17	3772	G12
29	29-Aug-15	NA	JB-149	2080.00	14.44	6.54	40.34	3741	G12	14.44	6.42	40.34	3793	G12
30	30-Aug-15	NA	JB-150	3940.00	14.21	6.60	39.93	3826	G12	14.21	6.20	40.24	3830	G12
31	31-Aug-15	NA	JB-151	2692.00	14.68	6.48	40.59	3785	G12	14.68	6.19	41.16	3748	G12



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



*Mahar*  
SIGNATURE OF M/S COTECHA INSP IND PVT LTD



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 AUGUST 2015

RECONCILE STATEMENT OF JAGANNATH OCP AND NTPC, SIMHADRI ANALYSIS RESULT OF COAL DESPATCH JAGANNATH AREA

SL NO	DATE	S/D	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%	MP%	AS%	GCV	Gr	TM%	MP%	AS%	GCV	Gr
1	1-Aug-15	1	NSMI-01	57/24	261010084	1625.36	13.64	6.37	40.1	3921	G12	13.78	6.90	40.18	3814	G12
2	2-Aug-15	2	NSMI-02	59/12	261010083	787.84	13.26	5.99	38.4	3946	G12	14.15	6.12	40.62	3798	G12
3	4-Aug-15	2	SMI-05	59/56	261010160	3285.49	13.81	6.49	38.7	3814	G12	13.95	6.17	40.55	3819	G12
4	5-Aug-15	3	SMI-06	57/57	261010165	3549.25	13.8	6.53	40.2	3786	G12	13.81	6.14	41.15	3784	G12
5	7-Aug-15	4	SMI-10	58/57	261010113	3493.82	13.43	6.35	38.8	3801	G12	13.27	6.28	40.05	3815	G12
6	7-Aug-15	2	SMI-12	59/58	261010116	3624.53	13.61	6.53	39.1	3870	G12	13.48	6.31	40.47	3810	G12
7	7-Aug-15	2	NSMI-03	59/20	241000585	1369.08	13.35	6.46	40.2	3785	G12	13.54	6.20	41.20	3782	G12
8	8-Aug-15	3	SMI-14	59/57	261010121	3758.46	13.71	6.88	40.4	3742	G12	13.44	6.32	40.77	3772	G12
9	9-Aug-15	2	SMI-17	59/55	261010129	3552.92	14.21	6.37	38.7	3820	G12	14.21	6.23	40.81	3800	G12
10	9-Aug-15	3	SMI-16	58/56	261010128	3523.48	14.16	6.29	38.5	3856	G12	14.21	6.23	40.81	3800	G12
11	10-Aug-15	2	SMI-19	59/53	261010139	3412.47	13.71	6.62	40.3	3738	G12	13.64	6.18	41.20	3758	G12
12	11-Aug-15	1	SMI-21	58/58	261010153	3594.74	13.31	6.36	39.8	3823	G12	13.21	6.25	41.20	3758	G12
13	13-Aug-15	2	SMI-25	58/54	261010162	3418.21	12.73	5.27	38.9	3837	G12	12.65	6.19	40.99	3781	G12
14	13-Aug-15	2	SMI-26	58/58	261010164	3622.22	13.01	6.34	41.3	3726	G12	12.81	6.41	40.89	3769	G12
15	15-Aug-15	2	NSMI-06	59/38	261010184	2586.16	13.31	6.62	40	3728	G12	13.71	6.84	40.83	3786	G12
16	16-Aug-15	1	SMI-32	59/58	261010181	3890.84	13.41	6.11	40.3	3851	G12	13.31	6.32	40.87	3780	G12
17	16-Aug-15	2	NSMI-07	56/38	261010192	2595.80	13.27	6.28	39.1	3913	G12	13.15	6.23	41.24	3738	G12
18	17-Aug-15	1	SMI-30	59/59	261010183	3724.30	13.51	6.58	40.1	3737	G12	13.42	6.36	40.48	3821	G12
19	17-Aug-15	1	NSMI-08	59/39	261010197	2594.61	13.2	6.5	39.9	3807	G12	13.11	6.32	41.05	3764	G12
20	19-Aug-15	1	SMI-35	59/57	261010206	3834.06	13.81	6.35	39.1	3858	G12	13.75	6.05	41.21	3753	G12
21	21-Aug-15	2	NSMI-13	53/24	261010221	1632.28	13.21	6.39	42.1	3778	G12	13.11	6.42	40.77	3787	G12
22	22-Aug-15	1	NSMI-14	59/43	261010238	2903.70	13.43	6.22	40	3841	G12	13.29	6.33	40.85	3778	G12
23	22-Aug-15	4	SMI-42	59/59	261010227	3883.03	13.41	6.56	39.8	3783	G12	13.28	6.44	40.82	3781	G12
24	23-Aug-15	3	SMI-41	58/49	261010234	3071.80	13.64	6.21	39.1	3811	G12	13.47	6.04	41.91	3774	G12
25	23-Aug-15	4	SMI-46	59/57	261010239	3582.84	13.44	6.45	40.2	3785	G12	13.58	6.19	41.78	3721	G12
26	24-Aug-15	3	SMI-49	57/54	261010245	2419.58	13.21	6.39	40	3854	G12	13.26	6.08	41.56	3748	G12
27	24-Aug-15	1	SMI-48	59/58	261010250	3751.65	13.51	6.49	40.1	3818	G12	13.38	6.16	41.96	3749	G12
28	25-Aug-15	2	NSMI-15	57/16	261010261	1076.41	14.13	6.42	40.4	3785	G12	14.21	6.12	41.12	3758	G12
29	27-Aug-15	1	NSMI-16	59/36	261010278	2464.32	14.51	6.29	39.9	3860	G12	14.62	6.15	40.81	3788	G12
30	28-Aug-15	1	SMI-59	59/59	261010280	3447.86	14.31	6.57	40.6	3773	G12	14.53	6	41.09	3773	G12
31	30-Aug-15	3	SMI-60	59/58	261010280	3648.41	14.49	6.4	39.9	3831	G12	14.66	6.09	41.38	3772	G12
32	30-Aug-15	4	SMI-62	58/60	261010288	3109.00	14.57	6.27	39.7	3878	G12	14.71	6.35	41.48	3717	G12
33	31-Aug-15	1	SMI-64	58/57	241000603	3677.50	14.32	6.48	39.1	3818	G12	14.58	6.84	40.24	3780	G12
34	31-Aug-15	2	NSMI-18	58/51		3432.47	14.33	6.61	40.4	3765	G12	14.46	6.05	41.02	3761	G12



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



*M. Singh*  
SIGNATURE OF M/S COTECNA INSP IND PVT LTD

**K C SHARMA & Co.**

H.O 16 Advar ce apartment Plot No. 134 Ward 12/C Lilashan Nagar  
Garich dhara (Kutchh) 370201 Phone No.02836224300

Email kesc.odisha@gmail.com k.sc.dti@gmail.com

Annexure -IV

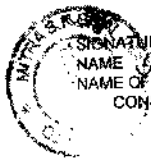
**RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF ...AUG-2015**  
**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

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°C temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	1	G-12	4-Aug-15	59/59	TPL-04	261010101		3686.61	TPL	4-Aug-15	14.07	6.23	39.18	3823	G12
2	1	G-12	5-Aug-15	59/59	TPL-06	261010108		3440.88	TPL	5-Aug-15	13.97	6.29	39.79	3856	G12
3	3	G-12	7-Aug-15	59/57	TPL-07	261010122		3539.43	TPL	7-Aug-15	13.88	6.39	41.01	3777	G12
4	2	G-12	13-Aug-15	59/59	TPL-10	261010165		3654.77	TPL	13-Aug-15	13.36	6.32	39.85	3840	G12
5	4	G-12	17-Aug-15	59/59	TPL-14	261010198		3569.43	TPL	17-Aug-15	13.01	6.22	40.26	3788	G12
6	4	G-12	21-Aug-15	59/59	TPL-18	261010228		3748.01	TPL	21-Aug-15	13.71	6.36	39.93	3797	G12
7	2	G-12	23-Aug-15	56/53	TPL-19	241000603		3413.47	TPL	23-Aug-15	14.03	6.47	40.35	3750	G12
8	4	G-12	28-Aug-15	56/57	TPL-23	261010281		3670.34	TPL	28-Aug-15	14.09	6.53	40.28	3788	G12
								28622.94							

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, Bell, Pipe line etc statement to be furnished separately.
- Date



SIGNATURE OF REP  
NAME *K. C. Sharma*  
NAME OF PURCHASER/ CONSUMER

SIGNATURE OF REP  
NAME *Dhivendra Kumar Chandra*  
NAME OF 3rd PARTY: K. C. Sharma & Co.

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

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 AUGUST 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	3-Aug-15	4	TTPS-03	58/56	261010091	339.13	14.49	6.27	41.52	3769	G12	14.49	6.10	41.12	3766	G12
2	4-Aug-15	4	TTPS-04	58/57	261010098	3549.13	13.52	6.64	36.93	3660	G12	13.52	6.36	41.73	3711	G12
3	5-Aug-15	2	TTPS-05	58/54	261010106	3368.98	13.77	6.41	40.36	3621	G12	13.26	6.84	40.14	3778	G12
4	5-Aug-15	4	TTPS-06	58/54	261010102	3384.60	13.26	6.44	40.41	3628	G12	13.42	6.14	41.26	3789	G12
5	8-Aug-15	1	TTPS-09	58/58	261010125	3761.24	13.79	6.55	40.02	3790	G12	13.78	6.22	40.88	3789	G12
6	8-Aug-15	3	TTPS-11	58/57	261010138	3574.88	13.42	6.51	39.12	3681	G12	13.42	6.31	40.87	3775	G12
7	10-Aug-15	3	TTPS-12	58/57	261010140	3571.73	13.56	6.26	40.26	3603	G12	13.56	6.00	41.35	3771	G12
8	11-Aug-15	1	TTPS-13	58/56	241000598	3611.84	13.06	6.39	39.72	3660	G12	13.06	6.06	41.24	3788	G12
9	11-Aug-15	5	TTPS-14	58/59	261010149	3705.91	12.78	6.56	40.21	3795	G12	12.79	6.13	40.82	3793	G12
10	12-Aug-15	1	TTPS-15	58/53	261010151	3391.27	12.92	6.29	40.28	3817	G12	12.92	6.21	40.94	3790	G12
11	14-Aug-15	3	TTPS-19	58/55	261010169	3521.16	12.97	6.57	36.99	3845	G12	12.87	6.27	41.16	3762	G12
12	16-Aug-15	4	TTPS-21	57/55	261010182	3381.78	13.37	6.38	39.28	3880	G12	13.51	6.26	40.96	3766	G12
13	20-Aug-15	4	TTPS-25	58/56	261010214	3550.07	13.14	6.36	40.15	3766	G12	13.14	6.24	41.24	3746	G12
14	22-Aug-15	3	TTPS-27	58/52	261010226	3221.97	13.28	6.51	42.23	3784	G12	13.28	6.18	40.54	3827	G12
15	23-Aug-15	3	TTPS-28	58/54	261010241	3367.28	13.64	6.51	40.00	3795	G12	13.64	6.24	41.28	3744	G12
16	24-Aug-15	4	TTPS-29	58/58	261010246	3452.83	13.38	6.43	38.94	3855	G12	13.33	6.32	40.88	3770	G12
17	26-Aug-15	1	TTPS-31	58/59	261010267	3759.97	14.46	6.48	40.05	3787	G12	13.46	6.21	41.00	3778	G12
18	26-Aug-15	2	TTPS-32	58/59	261010272	3748.97	14.71	6.42	39.91	3865	G12	14.71	6.19	41.26	3750	G12



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



SIGNATURE OF M/S COTECNA INSP IND PVT LTD

**K C SHARMA & Co.**

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

Email kssc.odisha@gmail.com, kssc.oh@gmail.com

Annexure -IV

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION  
 NAME OF COAL COMPANY: MCL  
 ANALYSIS LABORATORY: JAGANNATH COLLIERY

Sl No	Name of Siding/Co lliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wagon	Rake No	Railway Receipt		Qty as per R/R	Destination FHS/ Consumer	Sample collection date	Analysis result on equ. condition of 60%RH & 40 GC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	1	G-12	5-Aug-15	59/46	NBTPC-03	262002472		2939.45	BTPC	5-Aug-15	13.84	6.39	39.37	3853	G12
2	3	G-12	5-Aug-15	59/57	BTPC-03	262002484		3648.07	BTPC	9-Aug-15	12.97	6.34	39.40	3892	G12
3	2	G-12	12-Aug-15	59/59	NBTPC-04	262002489		3958.29	BTPC	12-Aug-15	13.07	6.48	40.31	3900	G12
4	1	G-13	27-Aug-15	58/48	NBTPC-06	262002513		3279.70	BTPC	27-Aug-15	14.22	6.72	40.07	3765	G12
								13825.51							

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]*  
 SIGNATURE OF REF  
 NAME  
 NAME OF PURCHASER  
 CONSUMER

*[Signature]*  
 SIGNATURE OF REF  
 NAME  
 NAME OF THIRD PARTY: K C Sharma & Co.

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

**K C SHARMA & Co.**

H.O 16 Advance apartment Plot No. 134 Ward 12/G Lhasan Nagar  
Ganshaham (Kutch) 370201 Phone No.02836224300

Email: kcscoodisha@gmail.com, kcsco\_dli@gmail.com

Annexure -IV

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

**LOADING END ANALYSIS REPORT FOR DISTRIBUTION**

NAME OF COAL COMPANY: MCL

ANALYSIS LABORATORY: JAGANNATH COLLIERY

Sl No	Name of Siding/Co lery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags	Rake No	Railway Receipt		Qty as per R R	Designation PHS/ Consumer	Sample collection date	Analysis result on occ. condition of 60%RH & 40°C temp				
						No	Date				T%K	M%	A%	GCV	Gr
1	2	G-12	4-Aug-15	58/58	HEBS-03	212001255		2888.65	HEBS	4-Aug-15	13.98	6.48	40.00	3793	G12
2	2	G-12	6-Aug-15	58/58	HEBS-03	212001260		3713.98	HEBS	6-Aug-15	13.52	6.21	41.65	3909	G12
3	1	G-12	11-Aug-15	59/58	NHEBS-10	212001261		3863.31	HEBS	11-Aug-15	13.47	6.34	39.82	3859	G12
4	4	G-12	14-Aug-15	56/51	HEBS-10	262002494		3717.09	HEBS	14-Aug-15	13.16	6.33	40.24	3740	G12
5	1	G-12	24-Aug-15	60/59	NHEBS-18	262002510		3320.72	HEBS	24-Aug-15	13.91	6.53	40.01	3815	G12
6	1	G-12	29-Aug-15	57/57	NHEBS-23	262002518		3862.50	HEBS	29-Aug-15	14.22	6.41	40.27	3852	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-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.
- Date

SIGNATURE OF REP  
NAME  
NAME OF PURCHASER/  
CONSUMER

SIGNATURE OF REP  
NAME  
NAME OF THIRD PARTY  
K C Sharma & Co.



*K C Sharma & Co.*

- 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 12C Liteshan Nagar  
Gandhinagar (Kulochi) 370201 Phone No.02836224300

E-mail kcsc.odisha@gmail.com kcsc.dli@gmail.com

Annexure -IV

**RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF ...AUG-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		Curly as per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on eqv condition of 60%RH & 40 DC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	1	G-12	8-Aug-15	58/53	NKPPS-02	262002482		3651.00	KPPS	8-Aug-15	13.92	6.49	38.75	3925	G-12
2	1	G-12	17-Aug-15	59/47	NKPPS-02	262002498		3198.99	KPPS	17-Aug-15	13.46	6.51	38.86	3891	G-12
											5849.99				

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

2835708

Date

*[Signature]*  
SIGNATURE OF REP.  
NAME  
NAME OF PURCHASER/  
CONSUMER

*[Signature]*  
SIGNATURE OF REP.  
NAME  
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



**K C SHARMA & Co.**

H/O 16 Address Apartment, Plot No. 134 Ward 12C Lhasan Nagar  
 Chandigarh (Pun. No. 170001) Phone No. 92263224300

Email: kcs@kcs.com kcs@gmail.com  
 Annexure - IV  
**RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF AUG-2015**  
**LOADING AND ANALYSIS REPORT FOR DISTRIBUTION**  
**NAME OF COAL COMPANY: MCL**  
**ANALYSIS LAB: RATORY JAGANNATH COLLERY**

Sl. No	Name of Siding/Co. Name/Loading Point	Sized & Devised GCV/GGr	Date of Loading	Wagon No.	Rate No.	Railway Receipt No.	Date	Curity as per R.R.	Detention/MSR/Consumption	Sample No./Weight/Date	Analysis result on eqpt. conforming to ISIRI 1363/ISIRI 1363				
											Moisture	ASH	MM	MM	Gr
1	4	G-12	8-Aug-15	55659	MGBK-03	28101111		3758.90	MGBK	8-Aug-15	13.52	8.13	28.99	3831	G12
2	1	G-12	8-Jun-15	55659	MGBK-04	28101111		3517.61	MGBK	8-Jun-15	13.36	6.48	40.66	3763	G12
3	3	G-12	7-Aug-15	55659	MGBK-05	28101012		3412.86	MGBK	7-Aug-15	13.33	6.22	41.10	3738	G12
4	4	G-12	10-Aug-15	55659	MGBK-11	28101014		3514.12	MGBK	10-Aug-15	13.19	5.89	39.88	3830	G12
5	1	G-12	11-Aug-15	55659	MGBK-13	28101014		3757.93	MGBK	11-Aug-15	12.81	5.49	38.85	3837	G12
6	3	G-12	12-Aug-15	55657	MGBK-15	28101015		3518.52	MGBK	12-Aug-15	12.76	5.38	39.55	3874	G12
7	3	G-12	12-Aug-15	55658	MGBK-16	28101015		3755.17	MGBK	12-Aug-15	12.59	5.24	38.98	3823	G12
8	3	G-12	14-Aug-15	55658	MGBK-19	28101016		3715.33	MGBK	14-Aug-15	13.25	6.18	40.83	3753	G12
9	1	G-12	14-Aug-15	55658	MGBK-20	28101016		3633.82	MGBK	14-Aug-15	12.95	6.29	38.87	3869	G12
10	3	G-12	15-Aug-15	55658	MGBK-22	28101017		3543.12	MGBK	15-Aug-15	12.83	6.07	38.50	3891	G12
11	3	G-12	15-Aug-15	55658	MGBK-23	28101018		3698.92	MGBK	15-Aug-15	13.24	6.42	40.96	3771	G12
12	3	G-12	15-Aug-15	55658	MGBK-24	28101018		3728.37	MGBK	15-Aug-15	13.46	6.42	40.96	3754	G12
13	2	G-12	15-Aug-15	55657	MGBK-28	28101019		3682.54	MGBK	15-Aug-15	13.47	6.10	39.85	3876	G12
14	4	G-12	15-Aug-15	55657	MGBK-29	28101019		3718.43	MGBK	15-Aug-15	13.70	6.26	38.98	3820	G12
15	4	G-12	15-Aug-15	55657	MGBK-30	28101019		3555.62	MGBK	15-Aug-15	13.57	6.13	41.20	3737	G12
16	2	G-12	21-Aug-15	55657	MGBK-36	28101020		3624.75	MGBK	21-Aug-15	13.19	6.20	39.61	3831	G12
17	4	G-12	22-Aug-15	55659	MGBK-38	28101020		3793.58	MGBK	22-Aug-15	13.47	6.30	40.72	3751	G12
18	4	G-12	23-Aug-15	55659	MGBK-43	28101020		3847.46	MGBK	23-Aug-15	14.40	6.51	40.12	3785	G12

1. Samples received for analysis were tested and jointly signed at loading ends.
2. Proximate analysis has been done in accordance with BIS specification is 1359, Part-1/1994 & IS 1363(Part II) 1979 for determination of GCV.
3. Wagon's statement are enclosed.
4. For Road, Ropeway, Belt, Pipe line etc. statement to be furnished separately.

Date:

SIGNATURE OF REP  
 NAME OF PURCHASER  
 CONSUMER

SIGNATURE OF REP  
 NAME OF PURCHASER  
 MGBK & Co.

Distribution Coal company  
 1. Concemed Area GM  
 2. Office of the GM/CCO  
 3. Office of Purchaser/Consumer

**K C SHARMA & Co.**

H.O 16 Ad-ance apartment Plot No. 134 Ward 12/C Lilashan Nager  
Ganikhidnam (Kutchin) 370201 Phone No.02836224300

Email kcsco@disha@gmail.com, ksc.co.oli@gmail.com

Annexure -IV

**RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF ...AUG 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		Quantity as per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on eq. condition of 60%RH & 40 °C temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	2	G-12	5-Aug-15	59/58	MTSS-01	212001259		3938.10	MTSS	5-Aug-15	13.89	6.28	40.17	3837	G12
2	2	G-12	13-Aug-15	59/59	MTSS-08	212001262		3821.65	MTSS	13-Aug-15	14.38	6.39	39.44	3876	G12
3	2	G-12	17-Aug-15	59/54	MTSS-08	212001264		3533.91	MTSS	17-Aug-15	14.06	6.52	39.04	3925	G12
4	2	G-12	23-Aug-15	59/59	MTSS-10	212001266		3967.75	MTSS	23-Aug-15	13.68	6.34	39.77	3896	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) 1964 & IS 1350 (Part-4) 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



*Pratibha K Sharma & Co*

- 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 12C Lhasan Nagar  
Gandhinagar (Kuchit) 370201 Phona No.02835224300

Email [kcss.odisha@gmail.com](mailto:kcss.odisha@gmail.com), [kcss.dig@gmail.com](mailto:kcss.dig@gmail.com)

Annexure -IV

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

NAME OF COAL COMPANY: MCL

ANALYSIS LABORATORY: JAGANNATH COLLIERY

Sl No	Name of Siding/Co Key/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 eqn condition of 60%RH & 40°C temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	4	G-12	3-Aug-15	59/55	NT-03	261010087		3446.90	NT	3-Aug-15	13.38	6.37	38.91	3523	G12
2	3	G-12	3-Aug-15	59/57	NT-05	261010093		3374.05	NT	3-Aug-15	14.03	6.38	38.81	3505	G12
3	1	G-12	8-Aug-15	59/56	NT-12	261010124		3586.59	NT	8-Aug-15	13.77	6.58	38.65	3490	G12
4	3	G-12	11-Aug-15	59/55	NT-16	261010147		3486.65	NT	11-Aug-15	13.01	6.29	39.80	3522	G12
5	4	G-12	14-Aug-15	59/57	NT-18	261010161		3520.44	NT	14-Aug-15	13.32	6.40	39.63	3787	G12
6	3	G-12	18-Aug-15	59/56	NT-28	261010204		3521.84	NT	18-Aug-15	13.54	6.42	38.87	3560	G12
7	4	G-12	27-Aug-15	59/59	NT-30	261010270		3691.57	NT	27-Aug-15	13.23	6.37	39.77	3804	G12

24576.22

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, Bel, Pipe line etc statement to be furnished separately.

Date

SIGNATURE OF REP. *S. Sharma*  
NAME *S. D. Sharma*  
NAME OF PURCHASER/ CONSUMER

SIGNATURE OF REP. *Dhirendra Kumar Sahoo*  
NAME  
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

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

RECONCILE STATEMENT OF JAGANNATH OCP AND NTECL ANALYSIS RESULT OF COAL DESPATCH JAGANNATH AREA

Sl. NO	DATE	SOG	SAMPLE NO	No of Box	R.R. No.	R.R. QTY	ANALYSED BY M/S K.C. SHARMA & CO.				ANALYSED BY M/S COTECHA INSPECTION INDIA PVT LTD					
							TMK	M% <sup>1</sup>	AS <sup>2</sup>	GCY	G <sup>3</sup>	TMK	M% <sup>1</sup>	AS <sup>2</sup>	GCY	G <sup>3</sup>
1	1-Aug-15	2	NTECL-01	59/57	261010081	3476.13	13.95	6.86	39.87	3752	G12	13.95	6.10	40.20	3825	G12
2	1-Aug-15	1	NTECL-01	58/58	261010080	3954.70	13.89	6.55	39.74	3787	G12	13.89	6.30	39.48	3785	G12
3	2-Aug-15	2	NTECL-03	59/56	261010090	3707.98	14.21	6.24	40.39	3807	G12	14.21	5.20	40.02	3798	G12
4	2-Aug-15	3	NTECL-04	59/59	261010086	3483.69	14.33	6.28	39.72	3799	G12	14.33	6.45	41.22	3779	G12
5	3-Aug-15	1	NTECL-05	57/57	261010095	3681.10	14.36	6.42	40.92	3813	G12	14.36	6.92	40.57	3786	G12
6	5-Aug-15	2	NTECL-08	58/58	261010107	4022.10	13.42	6.45	39.06	3875	G12	13.42	6.32	40.51	3814	G12
7	6-Aug-15	1	NTECL-09	58/59	261010112	3642.27	13.58	6.54	39.71	3800	G12	13.58	6.18	40.50	3819	G12
8	9-Aug-15	1	NTECL-13	58/58	261010193	4033.32	13.81	6.35	40.89	3811	G12	13.81	6.22	40.31	3828	G12
9	11-Aug-15	4	NTECL-15	58/57	261010152	3879.74	13.16	6.42	39.35	3889	G12	13.16	6.40	40.52	3770	G12
10	11-Aug-15	4	NTECL-10	58/57	261010144	3526.13	12.81	6.49	39.80	3794	G12	12.81	6.26	40.54	3890	G12
11	12-Aug-15	3	NTECL-12	59/56	261010150	3442.59	12.71	6.42	40.32	3809	G12	12.71	6.07	40.63	3818	G12
12	12-Aug-15	1	NTECL-13	59/59	261010168	3795.80	13.26	6.52	41.10	3783	G12	13.26	6.73	40.73	3785	G12
13	13-Aug-15	1	NTECL-17	58/57	261010183	3823.20	12.97	6.54	40.07	3740	G12	12.97	5.81	41.29	3786	G12
14	13-Aug-15	4	NTECL-16	59/58	261010173	3485.87	13.42	6.53	40.12	3786	G12	13.42	6.23	40.59	3808	G12
15	14-Aug-15	4	NTECL-17	60/56	261010170	3523.32	12.91	6.37	39.24	3945	G12	12.91	6.12	41.24	3773	G12
16	15-Aug-15	4	NTECL-18	59/59	261010178	3426.37	12.75	6.54	39.65	3851	G12	12.75	6.08	41.07	3798	G12
17	15-Aug-15	1	NTECL-19	59/58	261010182	3821.30	13.65	6.52	40.04	3742	G12	13.65	6.05	40.78	3807	G12
18	16-Aug-15	1	NTECL-20	58/56	261010185	3934.69	13.25	6.59	40.01	3848	G12	13.25	6.12	40.63	3822	G12
19	16-Aug-15	3	NTECL-21	58/57	261010190	3563.45	13.34	6.37	40.28	3803	G12	13.34	6.56	40.47	3797	G12
20	16-Aug-15	4	NTECL-22	59/59	261010199	3795.37	13.11	6.43	39.89	3824	G12	13.11	6.28	40.43	3828	G12
21	17-Aug-15	3	NTECL-23	59/54	261010202	3466.84	13.24	6.51	40.05	3797	G12	13.24	6.11	40.37	3810	G12
22	18-Aug-15	2	NTECL-25	59/58	261010215	3640.00	13.68	6.37	40.43	3737	G12	13.68	6.54	40.79	3790	G12
23	19-Aug-15	1	NTECL-23	59/59	261010211	3854.11	13.88	6.27	39.13	3820	G12	13.88	6.39	40.27	3808	G12
24	20-Aug-15	2	NTECL-24	60/59	261010220	4028.90	13.67	6.29	40.12	3835	G12	13.67	6.43	40.63	3772	G12
25	20-Aug-15	1	NTECL-26	60/60	261010218	3758.41	13.24	6.18	39.79	3875	G12	13.24	6.14	40.78	3818	G12
26	20-Aug-15	3	NTECL-28	58/56	261010218	3519.74	12.97	6.3	40.82	3885	G12	12.97	6.29	41.28	3746	G12
27	22-Aug-15	3	NTECL-30	58/56	261010229	3690.54	13.61	6.27	40.50	3810	G12	13.61	6.31	41.61	3711	G12
28	22-Aug-15	4	NTECL-22	59/57	261010243	3553.55	12.67	6.55	41.01	3785	G12	12.67	6.1	40.46	3770	G12
29	24-Aug-15	2	NTECL-35	59/58	261010254	3804.08	14.07	6.51	40.20	3808	G12	14.07	6.34	40.81	3794	G12
30	25-Aug-15	2	NTECL-30	57/57	261010267	3684.49	14.32	6.55	39.81	3822	G12	14.32	6.14	41.35	3778	G12
31	26-Aug-15	3	NTECL-36	58/59	261010269	3717.57	13.28	6.29	40.18	3842	G12	13.28	6.1	40.62	3798	G12
32	26-Aug-15	2	NTECL-31	58/58	261010268	4043.50	14.21	6.12	39.32	3888	G12	14.21	6.28	41.29	3732	G12
33	30-Aug-15	4	NTECL-36	59/58	261010282	3389.35	14.38	6.42	42.37	3783	G12	14.38	6.31	40.58	3794	G12
34	31-Aug-15	4	NTECL-40	59/58	261010295	3573.72	14.79	6.51	39.89	3827	G12	14.79	5.94	41.84	3781	G12
35	31-Aug-15	1	NTECL-33		261010300	3807.87	14.92	6.13	39.80	3797	G12	14.92	6.09	40.28	3817	G12

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


SIGNATURE OF M/S COTECHA INSPECTION INDIA PVT LTD  


**K C SHARMA & Co.**

H/O 15 (Kalyanpur), 1st Plot No. 134 Ward 12/2 Lilaashan Nagar  
 Chandigarh (Karnal), 370201 Phone No. 02036224300

Email: kcsar@rediffmail.com, ksc@rediffmail.com  
 RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF ... AUG-2015

Annexure-IV

LOADING END ANALYSIS REPORT FOR DISTRIBUTION  
 NAME OF COAL COMPANY/CO.

ANALYSIS LABORATORY JAGANNATH COLLIERY

Sl. No.	Name of Siding/Co. (Wagon/Loading Point)	Size & D-Index (GCV%)	Date of Loading	No. of Wagon	Pike No.	Railway Receipt No.	Gross wt. (kg)	Gross wt. (kg)	Destination PHS/Consumer	Sample collection date	Analysis result on eqn condition of 60%RH & 40 OC temp				
											MM%	AP%	A%	GCV	Gr
1	2	G-12	3-Aug-15	68753	SEBD-04	261100984	3656.77	3656.77	SEBD	3-Aug-15	13.85	8.51	39.38	3843	G12
2	2	G-12	5-Aug-15	69753	SEBD-06	261101117	3528.66	3528.66	SEBD	5-Aug-15	13.42	8.52	38.51	3800	G12
3	1	G-12	7-Aug-15	69753	SEBD-07	261101114	4188.31	4188.31	SEBD	7-Aug-15	13.28	8.58	39.89	3788	G12
4	4	G-12	8-Aug-15	69753	SEBD-10	261101225	3769.07	3769.07	SEBD	8-Aug-15	13.15	8.86	40.11	3817	G12
5	2	G-12	9-Aug-15	69753	SEBD-12	261101327	3791.85	3791.85	SEBD	9-Aug-15	13.20	8.07	39.13	3846	G12
6	7	G-12	13-Aug-15	69753	SEBD-18	261101463	3990.27	3990.27	SEBD	13-Aug-15	12.76	8.32	39.58	3851	G12
7	4	G-12	14-Aug-15	69753	SEBD-19	261101591	3732.02	3732.02	SEBD	14-Aug-15	13.37	8.19	39.11	3882	G12
8	4	G-12	14-Aug-15	69753	SEBD-20	261101791	3522.57	3522.57	SEBD	14-Aug-15	13.16	8.41	40.78	3796	G12
9	2	G-12	15-Aug-15	69753	SEBD-02	261101890	3846.28	3846.28	SEBD	15-Aug-15	13.16	8.46	39.41	3866	G12
10	3	G-12	21-Aug-15	69753	SEBD-34	261102275	3814.28	3814.28	SEBD	27-Aug-15	14.46	8.09	41.09	3738	G12
11	1	G-12	30-Aug-15	69753	SEBD-06	261102295	3967.85	3967.85	SEBD	30-Aug-15	14.29	8.46	40.21	3771	G12

- 1 Samples received for analysis were sealed and jointly weighed at loading end.
- 2 Proximate analysis has been done in accordance with BIS specification as per (Part-1) IS 1356 & IS 1350(Pe-1a) 1970 for determination of GCV.
- 3 Wagon's statement are enclosed.
- 4 For Road, Railway, Dot, Pipe line etc statement to be furnished separately.

40543.41

Date:

SIGNATURE OF REP. *M. S. Sarin*  
 NAME OF PURCHASER: *M. S. Sarin*  
 CONSUMER

SIGNATURE OF REP. *Dhirendra Kumar Sahas*  
 NAME OF 3rd PARTY: *K.C. Sharma & Co.*

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

