

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 -JULY-2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA : IB VALLEY

ANALYSIS LABORATORY

: AREA LABORATORY IB VALLEY

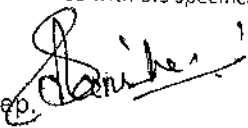
Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV				
						No.	Date					M%	Ash%	GCV	Grade	
1	LOCM - III	G-13	03-07-2015	43	6	112000040	03-07-2015	2907.00	TNEB	03-07-2015	13.10	6.70	40.20	3597.40	G-13	
2	LOCM - III	G-13	04-07-2015	42	9	112000041	04-07-2015	2772.68	TNEB	04-07-2015	13.30	7.10	39.70	3636.70	G-13	
3	LOCM - III	G-13	04-07-2015	36	11	112000042	05-07-2015	2375.53	TNEB	04-07-2015	12.60	6.50	42.20	3508.20	G-13	
4	LOCM - III	G-13	05-07-2015	42	14	112000043	06-07-2015	2789.12	TNEB	05-07-2015	13.00	6.90	39.90	3626.20	G-13	
5	LOCM - I	G-13	07-07-2015	58	25	112000858	07-07-2015	3915.55	TNEB	07-07-2015	13.50	7.00	39.60	3617.90	G-13	
6	LOCM - III	G-13	08-07-2015	44	22	112000041	08-07-2015	2975.28	TNEB	08-07-2015	12.90	6.10	43.10	3456.30	G-13	
7	LOCM - III	G-13	08-07-2015	44	23	112000045	09-07-2015	2980.03	TNEB	08-07-2015	13.40	6.40	41.10	3537.80	G-13	
8	LOCM - I	G-13	10-07-2015	58	34	112000860	10-07-2015	3961.00	TNEB	10-07-2015	12.90	6.10	43.00	3485.00	G-13	
9	LOCM - III	G-13	14-07-2015	51	39	112000046	14-07-2015	3016.20	TNEB	14-07-2015	13.20	6.40	41.50	3505.20	G-13	
10	LOCM - III	G-13	22-07-2015	48	62	112000048	22-07-2015	3245.00	TNEB	22-07-2015	15.10	6.20	41.90	3483.10	G-13	
11	LOCM - III	G-13	23-07-2015	50	68	112000049	24-07-2015	3284.51	TNEB	23-07-2015	15.60	7.00	39.50	3607.80	G-13	
12	LOCM - III	G-13	25-07-2015	48	75	212000691	25-07-2015	3229.79	TNEB	25-07-2015	15.50	6.60	41.40	3523.10	G-13	
13	LOCM - II	G-13	28-07-2015	58	100	112000050	29-07-2015	3755.08	TNEB	28-07-2015	15.70	6.90	40.20	3599.40	G-13	
14	LOCM - I	G-13	31-07-2015	57	115	112000864	31-07-2015	3845.28	TNEB	31-07-2015	15.60	6.70	40.90	3574.20	G-13	
TOTAL								45052.05								
WEIGHTED AVERAGE																
SURFACE MOISTURE % IN WEIGHTED AVERAGE								7.42			14.04	6.62	41.01	3554.75	G-13	

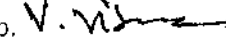
1. Samples received for analysis were sealed and jointly signed at loading ends.

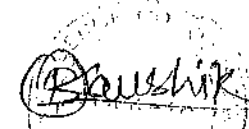
Date-05.08.2015

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.

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
 NAME OF COAL CO., MCL
 Area Laboratory
 IB Valley Area MCL

Sign of Rep. 
 Name : V. Vidhyakaran,
 Name of Purcher/Comsumer TNEB

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

SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

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RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF -JULY-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	06-07-2015	58	22	162000295	06-07-2015	3973.00	MTSS	06-07-2015	6.90	39.80	3615.00	G-13
2	LOCM - II	G-13	11-07-2015	57	36	162000206	12-07-2015	3952.32	MTSS	11-07-2015	6.60	40.50	3609.70	G-13
3	LOCM - I	G-13	12-07-2015	59	44	162000303	13-07-2015	3876.96	MTSS	13-07-2015	7.10	39.60	3629.50	G-13
4	LOCM - III	G-13	17-07-2015	42	47	162000261	18-07-2015	3809.02	MTSS	17-07-2015	6.40	40.90	3534.60	G-13
5	LOCM - III	G-13	18-07-2015	59	51	162000263	19-07-2015	3962.88	MTSS	19-07-2015	6.60	41.50	3516.40	G-13
6	LOCM - III	G-13	20-07-2015	59	56	162000265	20-07-2015	3966.77	MTSS	21-07-2015	7.20	39.60	3669.10	G-13
7	LOCM - I	G-13	21-07-2015	57	74	162000314	21-07-2015	3615.50	MTSS	21-07-2015	6.70	40.90	3572.90	G-13
8	LOCM - I	G-13	25-07-2015	59	89	162000320	25-07-2015	3847.43	MTSS	25-07-2015	6.30	43.10	3488.50	G-13
9	LOCM - II	G-13	26-07-2015	58	91	162000227	26-07-2015	3854.10	MTSS	26-07-2015	6.30	42.80	3508.10	G-13
10	LOCM - I	G-13	27-07-2015	58	97	162000324	27-07-2015	4061.40	MTSS	27-07-2015	6.50	40.90	3544.60	G-13
TOTAL								38919.38						
WEIGHTED AVERAGE											6.66	40.95	3569.16	G-13

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

Date-05.08.2015

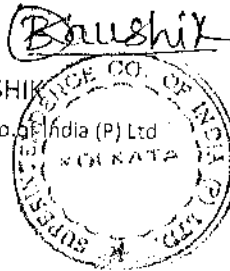
2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I), 1984&IS :1350 (Part-II), 1970 for determination of GCV.

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



For Dr. Amin.

Sign of Rep.

Name:

Name of Purcher/Comsumer

Shailendra Kumar Verma.

SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

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

NAME OF THE COAL COMPANY :		MCL		AREA :		IB VALLEY		ANALYSIS LABORATORY :		AREA LABORATORY IB VALLEY				
Sl. No.	Name of siding/colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV			
						No.	Date				M%	Ash%	GCV	Grade
1	LOCM - I	G-13	01-07-2015	59	4	462000157	01-07-2015	3152.65	BXQ	01-07-2015	6.50	42.30	3497.20	G-13
2	LOCM - II	G-13	03-07-2015	56	9	462000168	03-07-2015	3473.04	BXQ	03-07-2015	6.10	42.90	3458.20	G-13
3	LOCM - II	G-13	03-07-2015	59	10	442000009	04-07-2015	3656.82	BXQ	03-07-2015	6.80	39.70	3627.90	G-13
4	LOCM - II	G-13	04-07-2015	56	12	462000169	04-07-2015	3472.44	BXQ	04-07-2015	7.20	40.00	3634.90	G-13
5	LOCM - II	G-13	05-07-2015	56	14	462000171	05-07-2015	3422.54	BXQ	05-07-2015	6.20	42.20	3479.40	G-13
6	LOCM - II	G-13	07-07-2015	59	22	462000173	07-07-2015	3666.71	BXQ	07-07-2015	6.50	41.10	3531.70	G-13
7	LOCM - II	G-13	08-07-2015	59	25	462000175	08-07-2015	3645.91	BXQ	08-07-2015	6.90	40.20	3592.80	G-13
8	LOCM - I	G-13	13-07-2015	56	48	462000162	14-07-2015	3571.94	BXQ	14-07-2015	6.10	42.40	3473.80	G-13
9	LOCM - I	G-13	14-07-2015	58	49	462000163	14-07-2015	3737.62	BXQ	14-07-2015	6.90	39.70	3626.40	G-13
10	LOCM - II	G-13	15-07-2015	55	50	462000187	16-07-2015	3294.01	BXQ	15-07-2015	6.50	41.20	3519.00	G-13
11	LOCM - II	G-13	16-07-2015	57	51	462000181	16-07-2015	3487.73	BXQ	16-07-2015	6.20	42.20	3492.50	G-13
12	LOCM - II	G-13	17-07-2015	59	56	462000184	17-07-2015	3514.11	BXQ	17-07-2015	6.50	41.00	3531.10	G-13
13	LOCM - I	G-13	22-07-2015	59	79	462000168	22-07-2015	3574.51	BXQ	22-07-2015	6.50	41.60	3538.20	G-13
14	LOCM - II	G-13	23-07-2015	57	77	462000188	23-07-2015	3404.57	BXQ	23-07-2015	6.10	41.80	3479.00	G-13
15	LOCM - I	G-13	24-07-2015	57	85	462000170	24-07-2015	3488.07	BXQ	24-07-2015	6.70	40.80	3568.30	G-13
16	LOCM - II	G-13	24-07-2015	58	82	462000190	24-07-2015	3517.82	BXQ	24-07-2015	7.00	39.90	3648.00	G-13
17	LOCM - I	G-13	25-07-2015	58	88	462000171	25-07-2015	3498.67	BXQ	25-07-2015	6.50	41.00	3526.90	G-13
18	LOCM - II	G-13	26-07-2015	58	89	462000191	26-07-2015	3444.67	BXQ	26-07-2015	6.80	40.10	3589.70	G-13
19	LOCM - I	G-13	26-07-2015	57	92	462000174	26-07-2015	3588.76	BXQ	26-07-2015	6.30	41.90	3503.80	G-13
20	LOCM - II	G-13	26-07-2015	59	92	462000193	27-07-2015	3530.91	BXQ	26-07-2015	7.10	39.50	3663.50	G-13
21	LOCM - II	G-13	27-07-2015	57	94	462000195	27-07-2015	3404.06	BXQ	27-07-2015	6.60	40.70	3571.80	G-13
22	LOCM - II	G-13	27-07-2015	59	95	462000196	27-07-2015	3546.91	BXQ	27-07-2015	6.20	42.40	3479.70	G-13
23	LOCM - II	G-13	28-07-2015	58	97	462000197	28-07-2015	3449.22	BXQ	28-07-2015	6.60	41.10	3557.90	G-13
TOTAL								80543.69			6.60	41.10	3557.90	G-13
WEIGHTED AVERAGE											6.56	41.10	3548.18	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.

Date-05.08.2015

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
 Area Laboratory
 IB Valley Area M.C.

Sign of Rep.
 Name: Prabhatan Patel
 Name of Purcher/Consumer

Sign of Rep.
 NAME: B. KAUSHIK
 Superintendence co



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LOADING END ANALYSIS REPORT FOR DISTRIBUTION

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

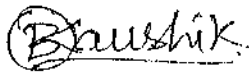
Sl. No.	Name of siding/colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV					
						No.	Date					M%	Ash%	GCV	Grade		
1	LOCM - II	G-13	02-07-2015	59	7	161000057	02-07-2015	3689.91	PMAM	02-07-2015	12.60	6.30	42.00	3489.60	G-13		
2	LOCM - II	G-13	03-07-2015	58	8	161000058	03-07-2015	4005.62	PMAM	03-07-2015	13.40	6.90	40.00	3616.50	G-13		
3	LOCM - III	G-13	06-07-2015	58	15	261001090	06-07-2015	3831.38	PMAM	06-07-2015	12.70	6.20	42.80	3475.80	G-13		
4	LOCM - III	G-13	09-07-2015	40	24	261001093	09-07-2015	2729.39	PMAM	09-07-2015	13.30	6.50	42.50	3482.90	G-13		
5	LOCM - I	G-13	09-07-2015	57	32	161000058	09-07-2015	3477.03	PMAM	09-07-2015	13.50	6.60	41.30	3547.10	G-13		
6	LOCM - III	G-13	10-07-2015	44	28	161000072	10-07-2015	3004.43	PMAM	10-07-2015	12.90	6.80	39.90	3599.60	G-13		
7	LOCM - I	G-13	10-07-2015	59	35	161000059	10-07-2015	4008.50	PMAM	10-07-2015	13.00	6.20	43.10	3461.90	G-13		
8	LOCM - III	G-13	12-07-2015	41	34	261001095	13-07-2015	2879.50	PMAM	12-07-2015	13.70	6.90	39.90	3654.20	G-13		
9	LOCM - III	G-13	15-07-2015	44	41	261001098	15-07-2015	3968.09	PMAM	15-07-2015	13.00	6.10	42.80	3479.70	G-13		
10	LOCM - III	G-13	18-07-2015	43	50	141000053	18-07-2015	3679.72	PMAM	18-07-2015	15.90	7.00	39.90	3616.80	G-13		
11	LOCM - I	G-13	19-07-2015	57	66	161000060	19-07-2015	3425.81	PMAM	19-07-2015	15.30	7.10	39.80	3646.60	G-13		
12	LOCM - I	G-13	20-07-2015	59	71	161000061	20-07-2015	3746.45	PMAM	20-07-2015	15.40	6.60	40.80	3542.40	G-13		
13	LOCM - III	G-13	21-07-2015	49	59	161001101	21-07-2015	3320.80	PMAM	21-07-2015	15.00	6.20	42.40	3486.40	G-13		
14	LOCM - II	G-13	22-07-2015	58	75	161000060	23-07-2015	3761.90	PMAM	22-07-2015	15.30	6.60	40.90	3547.70	G-13		
15	LOCM - I	G-13	23-07-2015	58	83	161000063	23-07-2015	4043.54	PMAM	23-07-2015	16.00	7.10	39.70	3634.10	G-13		
TOTAL								53572.07									
WEIGHTED AVERAGE																	
SURFACE MOISTURE % IN WEIGHTED AVERAGE								7.49									
											14.09	6.60	41.20	3550.96	G-13		

Date-05.08.2015

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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 : **MALANIPA**
 Name of Purcher/Comsumer

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

SL No 15, witnessed by Rep of PMAM (Adani Power)
 Sr. Technical Inspector
 Area M.C.P.



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ANALYSIS LABORATORY : AREA LABORATORY IB VALLEY

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						No.	Date					M%	Ash%	GCV	Grade	
1	LOCM -III	G-13	03-07-2015	59	7	262003739	03-07-2015	3922.21	APLS	03-07-2015	13.6	6.90	40.10	3623.10	G-13	
2	LOCM -III	G-13	04-07-2015	58	10	262003740	04-07-2015	3924.80	APLS	04-07-2015	13.0	6.90	40.40	3596.60	G-13	
3	LOCM -III	G-13	07-07-2015	43	19	262003741	07-07-2015	3036.70	APLS	07-07-2015	13.0	6.80	40.20	3587.90	G-13	
4	LOCM -III	G-13	09-07-2015	43	26	262003742	10-07-2015	2984.10	APLS	09-07-2015	15.1	6.20	42.80	3483.10	G-13	
5	LOCM -III	G-13	13-07-2015	42	35	262003745	13-07-2015	2940.60	APLS	13-07-2015	15.7	6.80	40.60	3555.70	G-13	
6	LOCM -I	G-13	15-07-2015	56	54	162000309	16-07-2015	3665.54	APLS	15-07-2015	15.2	6.40	40.90	3523.40	G-13	
7	LOCM -II	G-13	19-07-2015	57	62	162000213	19-07-2015	3761.40	APLS	19-07-2015	15.5	6.60	40.70	3556.30	G-13	
8	LOCM -III	G-13	20-07-2015	48	57	262003750	21-07-2015	3285.64	APLS	20-07-2015	15.6	6.70	41.20	3542.30	G-13	
9	LOCM -II	G-13	21-07-2015	58	72	162000218	22-07-2015	3741.10	APLS	21-07-2015	15.0	6.10	43.10	3468.20	G-13	
10	LOCM -I	G-13	23-07-2015	59	84	162000318	24-07-2015	3745.38	APLS	23-07-2015	15.1	6.20	43.10	3471.90	G-13	
11	LOCM -I	G-13	25-07-2015	58	87	162000225	25-07-2015	3750.90	APLS	25-07-2015	15.7	6.80	40.40	3542.30	G-13	
12	LOCM -I	G-13	30-07-2015	58	111	162000334	30-07-2015	3963.10	APLS	30-07-2015	15.4	6.50	41.60	3490.30	G-13	
TOTAL								42721.47								
WEIGHTED AVERAGE											14.82	6.58	41.25	3536.86	G-13	
SURFACE MOISTURE % IN WEIGHTED AVERAGE									8.24							

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

Date-05.08.2015

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.

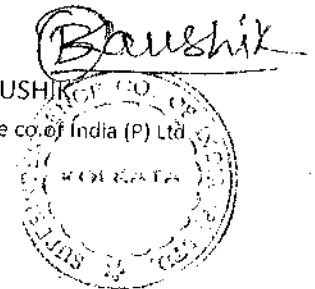
1. Concerned Area SM(QC)
2. Office of the GM(QC)Coal Co.
3. Office of Purchaser/Consumer.

APLS Rep witnessed from SL No. 04 dt 09/7/15

St. *[Signature]*
Area Supt. Lab.
IB Valley Area M.C.I.

Sign of Rep. *[Signature]*
Name : MAHANADI COALFIELDS
Name of Purcher/Comsumer
APLS

Sign of Rep. *[Signature]*
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 -JULY-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 - I	G-13	01-07-2015	59	2	262006725	01-07-2015	3807.45	SEBD	01-07-2015	6.8	39.8	3613.3	G-13
2	LOCM - II	G-13	01-07-2015	59	2	162000195	01-07-2015	3676.25	SEBD	01-07-2015	7.0	39.9	3611.2	G-13
3	LOCM - II	G-13	01-07-2015	57	3	262001782	01-07-2015	3527.83	SEBD	01-07-2015	6.6	40.5	3577.8	G-13
4	LOCM - I	G-13	01-07-2015	50	5	162000289	02-07-2015	3738.41	SEBD	02-07-2015	6.7	40.3	3589.5	G-13
5	LOCM - I	G-13	02-07-2015	59	6	162000290	02-07-2015	3674.52	SEBD	02-07-2015	6.1	42.8	3444.7	G-13
6	LOCM - I	G-13	02-07-2015	58	7	262006726	02-07-2015	3666.22	SEBD	02-07-2015	6.6	40.9	3541.8	G-13
7	LOCM - I	G-13	03-07-2015	58	10	162000292	03-07-2015	3553.03	SEBD	03-07-2015	7.0	39.9	3609.0	G-13
8	LOCM - I	G-13	03-07-2015	58	12	262006727	04-07-2015	3553.42	SEBD	03-07-2015	6.2	40.9	3538.0	G-13
9	LOCM - I	G-13	05-07-2015	58	17	162000293	05-07-2015	3488.44	SEBD	05-07-2015	6.7	40.8	3582.8	G-13
10	LOCM - I	G-13	05-07-2015	58	19	242000409	06-07-2015	3990.00	SEBD	05-07-2015	6.3	42.0	3497.0	G-13
11	LOCM - II	G-13	06-07-2015	59	18	162000199	06-07-2015	3553.01	SEBD	06-07-2015	6.5	40.7	3505.1	G-13
12	LOCM - I	G-13	07-07-2015	58	24	162000296	07-07-2015	3613.03	SEBD	07-07-2015	6.6	41.6	3550.1	G-13
13	LOCM - I	G-13	08-07-2015	58	28	462000159	08-07-2015	3533.42	SEBD	08-07-2015	7.1	39.7	3626.3	G-13
14	LOCM - I	G-13	09-07-2015	59	30	262006729	09-07-2015	3655.41	SEBD	09-07-2015	7.0	39.8	3612.3	G-13
15	LOCM - II	G-13	10-07-2015	58	33	162000205	10-07-2015	3549.72	SEBD	10-07-2015	6.6	41.0	3536.6	G-13
16	LOCM - II	G-13	11-07-2015	55	35	462000177	11-07-2015	3396.15	SEBD	11-07-2015	6.8	40.7	3598.5	G-13
17	LOCM - II	G-13	12-07-2015	58	38	462000179	12-07-2015	3515.50	SEBD	12-07-2015	6.8	40.3	3612.2	G-13
18	LOCM - II	G-13	13-07-2015	58	41	262001786	13-07-2015	3453.82	SEBD	13-07-2015	6.3	41.5	3509.8	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.

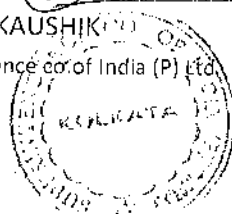
Date-05.08.2015

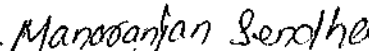
Cont --- Page - 02.

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

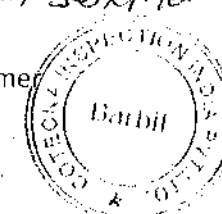
Sign of Rep. 

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



Sign of Rep. 

Name : MANORANJAN
 Name of Purchser/Comsume
 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 -JULY-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° C temp./GCV			
						No.	Date				M%	Ash%	GCV	Grade
19	LOCM - II	G-13	14-07-2015	56	46	162000208	14-07-2015	3468.14	SEBD	14-07-2015	6.6	40.8	3540.5	G-13
20	LOCM - I	G-13	15-07-2015	54	52	162000307	15-07-2015	3437.02	SEBD	15-07-2015	6.8	40.5	3596.3	G-13
21	LOCM - II	G-13	16-07-2015	58	53	162000211	16-07-2015	3541.72	SEBD	16-07-2015	6.8	39.9	3603.4	G-13
22	LOCM - I	G-13	17-07-2015	58	59	462000164	17-07-2015	3699.16	SEBD	17-07-2015	6.8	39.7	3600.6	G-13
23	LOCM - II	G-13	18-07-2015	59	58	162000212	18-07-2015	3674.11	SEBD	18-07-2015	7.2	39.6	3652.5	G-13
24	LOCM - I	G-13	19-07-2015	59	67	262006733	19-07-2015	3600.11	SEBD	19-07-2015	6.7	41.0	3589.3	G-13
25	LOCM - II	G-13	19-07-2015	55	64	162000214	20-07-2015	3316.75	SEBD	20-07-2015	6.5	41.5	3535.4	G-13
26	LOCM - I	G-13	20-07-2015	59	72	162000313	20-07-2015	3520.36	SEBD	20-07-2015	7.0	39.9	3611.1	G-13
27	LOCM - II	G-13	21-07-2015	58	71	162000217	21-07-2015	3564.26	SEBD	21-07-2015	6.8	40.9	3588.6	G-13
28	LOCM - II	G-13	22-07-2015	59	73	162000219	22-07-2015	3395.77	SEBD	22-07-2015	6.8	40.6	3573.3	G-13
29	LOCM - I	G-13	24-07-2015	56	87	162000319	25-07-2015	3567.49	SEBD	24-07-2015	6.7	40.6	3586.0	G-13
30	LOCM - I	G-13	25-07-2015	59	90	462000172	26-07-2015	3808.07	SEBD	25-07-2015	7.2	39.5	3654.7	G-13
31	LOCM - I	G-13	26-07-2015	53	94	262006736	26-07-2015	3334.67	SEBD	26-07-2015	7.0	39.7	3634.0	G-13
32	LOCM - II	G-13	28-07-2015	59	99	162000231	28-07-2015	3535.11	SEBD	28-07-2015	6.0	43.0	3485.9	G-13
33	LOCM - II	G-13	29-07-2015	57	101	162000232	29-07-2015	3414.43	SEBD	29-07-2015	6.9	39.8	3608.1	G-13
TOTAL								117822.80						
WEIGHTED AVERAGE											6.7	40.6	3576.2	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.

Date-05.08.2015

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. Manoranjan Sen

Name : MANORANJAN

Name of Purchser/Comsumer SEBD



SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

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

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

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF JULY-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/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 condition of 60%RH			
						No.	Date					M%	Ash%	GCV	Grade
1	BOCM-VI	G-13	1.7.15	58	6\01	462000135	2.7.15	3561.62	BXQ	1.7.15	11.5	6.5	41.2	3552.1	G-13
2	BOCM-III	G-13	2.7.15	57	3\2	462000060	4.7.15	3454.03	BXQ	2.7.15	11.6	6.6	41.3	3531.8	G-13
3	BOCM-II	G-13	6.7.15	57	2\13	462000173	8.7.15	3301.63	BXQ	6.7.15	12.8	6.2	40.7	3621.7	G-13
4	BOCM-I	G-13	8.7.15	58	1\18	462000178	10.7.15	3599.87	BXQ	8.7.15	12.8	6.3	42.5	3533.9	G-13
5	BOCM-I	G-13	8.7.15	58	1\19	462000179	10.7.15	3373.42	BXQ	8.7.15	11.9	6.2	41.3	3562.7	G-13
6	BOCM-I	G-13	9.7.15	58	1\21	462000181	10.7.15	3432.42	BXQ	9.7.15	12.2	6.2	41.2	3600.8	G-13
7	BOCM-I	G-13	9.7.15	58	1\22	462000183	11.7.15	3390.92	BXQ	9.7.15	12.5	6.4	41.4	3553.9	G-13
8	BOCM-I	G-13	9.7.15	59	1\23	442000011	11.7.15	3466.34	BXQ	9.7.15	12.4	6.3	41.3	3582.5	G-13
9	BOCM-I	G-13	10.7.15	57	1\24	462000185	11.7.15	3484.64	BXQ	10.7.15	12.0	6.3	40.9	3574.5	G-13
10	BOCM-I	G-13	11.7.15	58	1\26	462000187	12.7.15	3473.02	BXQ	11.7.15	12.4	6.2	40.7	3613.6	G-13
11	BOCM-I	G-13	11.7.15	57	1\27	462000188	13.7.15	3467.03	BXQ	11.7.15	12.5	6.3	40.8	3598.7	G-13
12	BOCM-I	G-13	12.7.15	58	1\28	462000190	13.7.15	3401.72	BXQ	12.7.15	14.1	6.8	41.4	3547.5	G-13
13	BOCM-I	G-13	12.7.15	55	1\30	462000193	14.7.15	3314.45	BXQ	12.7.15	13.3	6.7	41.7	3539.1	G-13
14	BOCM-II	G-13	12.7.15	59	2\27	462000191	14.7.15	3551.61	BXQ	12.7.15	14.5	6.7	41.3	3558.4	G-13
15	BOCM-II	G-13	12.7.15	57	2\28	462000192	14.7.15	3528.83	BXQ	12.7.15	14.7	6.5	41.0	3588.8	G-13
16	BOCM-I	G-13	13.7.15	59	1\34	462000196	15.7.15	3503.45	BXQ	13.7.15	12.4	6.0	40.8	3650.7	G-13
17	BOCM-II	G-13	13.7.15	59	2\29	462000194	14.7.15	3673.55	BXQ	13.7.15	14.1	6.4	40.9	3606.9	G-13
18	BOCM-II	G-13	13.7.15	59	2\30	462000195	14.7.15	3631.11	BXQ	13.7.15	14.7	6.7	41.7	3538.8	G-13
19	BOCM-II	G-13	13.7.15	57	2\31	462000120	15.7.15	3457.13	BXQ	13.7.15	14.3	6.5	41.2	3596.9	G-13
20	BOCM-I	G-13	14.7.15	56	1\37	462000198	16.7.15	3326.44	BXQ	14.7.15	12.0	6.2	40.9	3652.4	G-13
21	BOCM-II	G-13	14.7.15	54	2\32	462000197	15.7.15	3251.12	BXQ	14.7.15	14.4	6.7	41.6	3529.1	G-13
22	BOCM-I	G-13	15.7.15	57	1\39	462000200	17.7.15	3357.43	BXQ	15.7.15	14.3	6.6	41.4	3538.9	G-13

23	BOCM-II	G-13	15.7.15	58	2\35	462000199	16.7.15	3591.22	BXQ	15.7.15	14.7	6.5	41.3	3554.6	G-13		
24	BOCM-II	G-13	15.7.15	49	2\37	462000201	17.7.15	3052.52	BXQ	15.7.15	14.3	6.4	41.2	3568.7	G-13		
25	BOCM-II	G-13	16.7.15	59	2\38	462000202	17.7.15	3615.37	BXQ	16.7.15	14.5	6.6	41.5	3541.7	G-13		
26	BOCM-II	G-13	17.7.15	58	2\41	462000203	19.7.15	3581.02	BXQ	17.7.15	15.1	6.3	40.8	3604.7	G-13		
27	BOCM-II	G-13	17.7.15	53	2\42	462000004	19.7.15	3363.07	BXQ	17.7.15	14.4	6.8	41.3	3570.3	G-13		
28	BOCM-II	G-13	18.7.15	58	2\43	462000206	19.7.15	3686.76	BXQ	18.7.15	14.8	6.6	41.0	3563.4	G-13		
29	BOCM-II	G-13	18.7.15	58	2\44	462000207	19.7.15	3808.12	BXQ	18.7.15	14.6	6.3	40.7	3592.1	G-13		
30	BOCM-I	G-13	19.7.15	59	1\51	462000209	21.7.15	3832.81	BXQ	19.7.15	14.1	6.7	41.2	3534.1	G-13		
31	BOCM-II	G-13	19.7.15	57	2\46	462000208	20.7.15	3613.37	BXQ	19.7.15	14.8	6.8	42.2	3496.2	G-13		
32	BOCM-I	G-13	20.7.15	57	1\53	462000210	21.7.15	3504.23	BXQ	20.7.15	14.6	6.4	41.1	3561.9	G-13		
33	BOCM-II	G-13	20.7.15	59	2\50	462000013	22.7.15	3640.01	BXQ	20.7.15	14.4	6.7	41.2	3553.5	G-13		
34	BOCM-I	G-13	21.7.15	57	1\55	462000211	22.7.15	3506.67	BXQ	21.7.15	14.4	6.6	42.3	3532.2	G-13		
35	BOCM-I	G-13	21.7.15	59	1\56	462000212	23.7.15	3750.60	BXQ	21.7.15	15.2	6.8	42.3	3520.2	G-13		
36	BOCM-I	G-13	22.7.15	59	1\60	462000213	24.7.15	4006.70	BXQ	22.7.15	14.4	6.8	42.3	3511.5	G-13		
37	BOCM-I	G-13	23.7.15	59	1\63	462000214	25.7.15	3453.17	BXQ	23.7.15	14.2	6.4	41.9	3613.6	G-13		
38	BOCM-I	G-13	25.7.15	57	1\68	462000216	27.7.15	3453.17	BXQ	25.7.15	15.4	6.5	40.9	3593.8	G-13		
39	BOCM-II	G-13	25.7.15	58	2\63	462000215	26.7.15	3733.37	BXQ	25.7.15	15.9	6.6	42.3	3512.6	G-13		
TOTAL								137193.96									
WEIGHTED AVERAGE																	
SURFACE MOISTURE % IN WEIGHTED AVERAGE											7.3	13.8	6.5	41.3	3566.0		

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

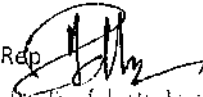
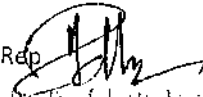
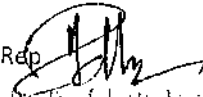
Date 06.08.2015

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 
 S:NAME: 
 NAME OF COAL CO: 
 Lakhanpur Subdivision (LAKP)
 CHHATTISGARH (CCHG)
 LAKHANPUR AREA,
 CHHATTISGARH

Sign of Rep 
 NAME: 
 NAME OF CONSUMER

Superintendence Co. of India (P) Ltd
 Sign of Rep 
 NAME: B SAHU/S KISHAN S
 Superintendence Co. of India (P) Ltd
 (LAKP)

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 JULY- 2015

LOADING-END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

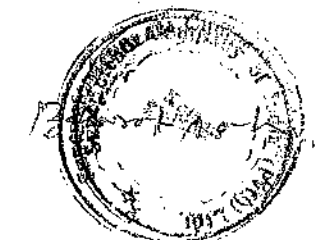
LAKHANPUR

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-VI	G-13	3.7.15	54	7\8	112000284	3.7.15	3289.92	TNEB	3.7.15	12.1	6.1	41.1	3614.5	G-13
2	BOCM-VII	G-13	6.7.15	49	6\16	112000086	9.7.15	3971.44	TNEB	6.7.15	12.0	6.2	40.7	3620.1	G-13
3	BOCM-VII	G-13	6.7.15	58	7\16	112000085	9.7.15	3580.31	TNEB	6.7.15	11.9	6.2	40.3	3647.1	G-13
4	BOCM-VII	G-13	9.7.15	58	7\23	112000087	11.7.15	3745.20	TNEB	9.7.15	11.9	6.0	40.9	3620.5	G-13
5	BOCM-I	G-13	10.7.15	50	1\25	112000072	12.7.15	3066.58	TNEB	10.7.15	11.7	6.1	40.9	3611.1	G-13
6	BOCM-I	G-13	12.7.15	59	1\29	112000073	13.7.15	3560.22	TNEB	12.7.15	13.9	6.3	40.8	3596.9	G-13
7	BOCM-VII	G-13	12.7.15	55	7\31	112000088	14.7.15	3593.29	TNEB	12.7.15	12.4	6.4	40.9	3598.2	G-13
8	BOCM-VII	G-13	12.7.15	55	7\32	112000089	14.7.15	3588.42	TNEB	12.7.15	13.0	6.6	41.1	3571.0	G-13
9	BOCM-VI	G-13	16.7.15	58	6\38	112000090	17.7.15	3911.40	TNEB	16.7.15	13.9	6.1	41.1	3612.6	G-13
10	BOCM-VI	G-13	17.7.15	57	6\43	112000092	19.7.15	3620.38	TNEB	17.7.15	14.5	6.4	41.0	3585.4	G-13
11	BOCM-VII	G-13	17.7.15	59	7\43	112000091	19.7.15	3785.49	TNEB	17.7.15	14.2	6.3	40.5	3607.2	G-13
12	BOCM-VII	G-13	18.7.15	58	7\48	112000093	20.7.15	3571.06	TNEB	18.7.15	15.3	6.8	41.5	3534.0	G-13
13	BOCM-VII	G-13	19.7.15	59	7\50	112000094	20.7.15	3785.14	TNEB	19.7.15	14.7	6.5	41.0	3649.3	G-13

[Handwritten signature]
 SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.
 AREA LAB., LAKHANPUR



14	BOCM-VI	G-13	20.7.15	55	6\50	112000095	21.7.15	3675.84	TNEB	20.7.15	14.2	6.5	40.5	3667.7	G-13
15	BOCM-VII	G-13	22.7.15	58	7\63	112000096	24.7.15	3925.75	TNEB	22.7.15	14.5	6.5	42.1	3552.2	G-13
16	BOCM-VII	G-13	24.7.15	59	7\68	112000097	26.7.15	3713.74	TNEB	24.7.15	15.3	6.4	42.5	3534.6	G-13
17	BOCM-VI	G-13	26.7.15	58	1\70	112000076	27.7.15	3593.63	TNEB	26.7.15	15.9	6.8	42.4	3522.7	G-13
18	BOCM-VI	G-13	26.7.15	56	6\69	212000170	28.7.15	3678.16	TNEB	26.7.15	15.4	6.8	41.1	3548.8	G-13
19	BOCM-VI	G-13	26.7.15	54	6\70	212000171	28.7.15	3553.10	TNEB	26.7.15	15.2	6.6	41.2	3560.8	G-13
20	BOCM-VII	G-13	27.7.15	58	7\80	212000172	29.7.15	3860.80	TNEB	27.7.15	14.8	6.9	41.2	3552.6	G-13
21	BOCM-VI	G-13	28.7.15	58	1\75	112000077	29.7.15	3744.60	TNEB	28.7.15	15.2	6.9	40.9	3571.8	G-13
22	BOCM-VI	G-13	31.7.15	53	6\87	112000098	1.8.15	3613.87	TNEB	31.7.15	15.8	6.3	41.5	3537.6	G-13
TOTAL								80428.34							
WEIGHTED AVERAGE											14.0	6.4	41.1	3587.1	
SURFACE MOISTURE % IN WEIGHTED AVERAGE									7.6						

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: *[Signature]*

NAME OF COAL CO. *[Signature]*

[Signature]

[Signature]

[Signature]

Sign of Rep

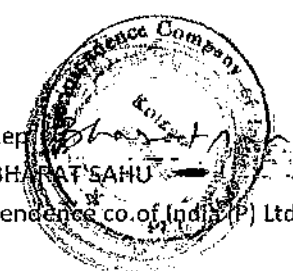
NAME: *[Signature]*

NAME OF CONSUMER TNEB

Sign of Rep

NAME: BHARAT SAHU

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 JULY- 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-I	G - 13	20.7.2015	58	1/52	112000074	21.7.15	3562.92	HEBS	20.7.2015	15.4	6.6	42.4	3535.8	G - 13
2	BOCM-II	G - 13	24.7.2015	55	2/60	112000075	25.7.15	3400.09	HEBS	24.7.2015	14.4	6.4	42.1	3561.1	G - 13
TOTAL								6963.01							
WEIGHTED AVERAGE											14.9	6.5	42.3	3548.2	
SURFACE MOISTURE % IN WEIGHTED AVERAGE								8.4							

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.

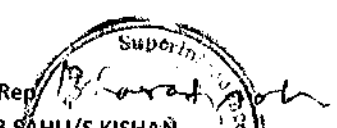
3. Wagons statement are enclosed .

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. _____
 LAKHANPUR

Sign of Rep 
 NAME: DRAULATI KUMAR
 NAME OF CONSUMER _____

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

SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

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

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

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

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA : LAKHANPUR

ANALYSIS LABORATORY :

AREA LAB. , LAKHANPUR

Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHS/consumer	Sample collection date	Analysis result on equilibrated condition of 60%RH 40* C			
						No.	Date				M%	Ash%	GCV	Grade
1	BOCM-II	G-13	5.7.15	59	2\10	162000434	6.7.15	3689.45	SEBD	5.7.15	6.8	39.5	3678.4	G-13
2	BOCM-I	G-13	18.7.15	59	1\48	162000446	19.7.15	3633.11	SEBD	18.7.15	6.4	42.8	3658.2	G-13
3	BOCM-II	G-13	19.7.15	58	2\47	162000448	20.7.15	3743.32	SEBD	19.7.15	6.5	40.8	3665.3	G-13
4	BOCM-I	G-13	23.7.15	59	1\62	162000456	24.7.15	3794.61	SEBD	23.7.15	6.6	39.9	3652.6	G-13
5	BOCM-II	G-13	27.7.15	58	2\69	162000465	28.7.15	3618.87	SEBD	27.7.15	6.4	39.8	3657.4	G-13
TOTAL								18479.36						
WEIGHTED AVERAGE											6.5	40.6	3662.4	

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.

Sign of Rep

NAME: Manojanjan Sen
NAME OF CONSUMER

Sign of Rep

NAME: BHARAT SAHU

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 JULY- 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/	Sized & declared	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consum	Sample collection	TM%	Analysis result on equilibrated condition of			
						No.	Date					M%	Ash%	GCV	Grade
1	BOCM-I	G - 13	17.7.15	58	1\45	462000205	19.7.15	3881.72	MVAA	17.7.15	15.1	6.8	41.4	3543.5	G-13
2	BOCM-I	G - 13	28.7.15	59	1\77	462000217	30.7.15	4077.87	MVAA	28.7.15	15.3	6.7	41.2	3575.9	G-13
TOTAL								7959.59							
WEIGHTED AVERAGE											15.2	6.7	41.3	3560.1	
SURFACE MOISTURE % IN WEIGHTED AVERAGE									8.5						

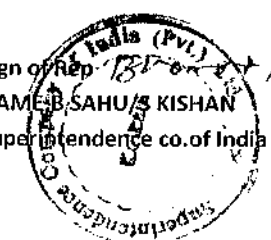
1. Samples received for analysis were sealed and jointly signed at loading ends.

Date 06-08-2015 2. 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: Insp. / Lab. Tech
 NAME OF COAL COMPANY
 LAKHANPUR AREA,
 COAL CO.


 Sign of Rep
 NAME: **Abhinav Sinha**
 NAME OF CONSUMER


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

SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

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

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

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

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

LAKHANPUR

ANALYSIS LABORATORY :

AREA LAB., LAKHANPUR

Sl. No.	Name of siding/colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH			
						No.	Date					M%	Ash%	GCV	Grade
1	BOCM - I	G- 13	1.7.15	59	1\1	162000486	2.7.15	3272.27	DPL	1.7.15	11.5	6.2	41.4	3578.5	G- 13
2	BOCM - VII	G- 13	14.7.15	59	7\37	162000471	15.7.15	3808.86	DPL	14.7.15	13.9	6.5	41.3	3586.8	G- 13
3	BOCM - VI	G- 13	17.7.15	58	6\41	162000477	19.7.15	3620.68	DPL	17.7.15	13.9	6.0	39.9	3650.9	G- 13
								10701.81							
WEIGHTED AVERAGE											13.4	6.1	41.4	3561.5	
SURFACE MOISTURE % IN WEIGHTED AVERAGE									7.3						

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:

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 JULY- 2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY : **MCL**

AREA : **LAKHANPUR**


ANALYSIS LABORATORY : **AREA LAB., LAKHANPUR**

Sl. No.	Name of siding/colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHS/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH				
						No.	Date					M%	Ash%	GCV	Grade	
1	BOCM-I	G - 13	1.7.15	59	1\2	161000164	3.7.15	3522.87	PMAM	1.7.15	11.3	6.1	40.9	3647.2	G - 13	
2	BOCM-VII	G - 13	7.7.15	58	7\19	161000150	9.7.15	3618.77	PMAM	7.7.15	11.8	6.5	41.2	3537.2	G - 13	
3	BOCM-II	G - 13	8.7.15	57	2\16	161000167	10.7.15	3964.10	PMAM	8.7.15	11.9	6.2	41.3	3562.7	G - 13	
4	BOCM-VII	G - 13	9.7.15	58	7\24	161000151	11.7.15	3947.00	PMAM	9.7.15	12.1	6.1	41.1	3604.5	G - 13	
5	BOCM-II	G - 13	11.7.15	58	2\24	161000168	12.7.15	4069.10	PMAM	11.7.15	14.4	6.7	41.2	3533.3	G - 13	
6	BOCM-I	G - 13	13.7.15	59	1\32	161000169	14.7.15	3711.10	PMAM	13.7.15	11.5	6.1	41.2	3567.2	G - 13	
7	BOCM-I	G - 13	14.7.15	59	1\36	161000170	16.7.15	3637.01	PMAM	14.7.15	12.6	6.4	41.2	3607.3	G - 13	
8	BOCM-II	G - 13	14.7.15	59	2\34	161000171	16.7.15	4037.24	PMAM	14.7.15	14.5	6.8	41.6	3526.2	G - 13	
9	BOCM-I	G - 13	16.7.15	58	1\41	161000172	18.7.15	4045.10	PMAM	16.7.15	14.1	6.2	41.2	3609.6	G - 13	
10	BOCM-I	G - 13	16.7.15	58	1\42	161000173	18.7.15	3941.10	PMAM	16.7.15	13.7	6.0	41.0	3618.3	G - 13	
11	BOCM-I	G - 13	17.7.15	58	1\44	161000174	18.7.15	3980.80	PMAM	17.7.15	18.0	6.7	42.9	3492.5	G - 13	
12	BOCM-II	G - 13	30.7.15	59	2\80	161000180	1.8.15	3977.96	PMAM	30.7.15	15.9	6.7	42.0	3522.6	G - 13	
								46452.18								
WEIGHTED AVERAGE											11.1	5.6	41.6	3561.2		
SURFACE MOISTURE % IN WEIGHTED AVERAGE								5.5								

Date 06-08-2015

1. Samples received for analysis were sealed and jointly signed at loading ends.
2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I), 1984&IS :1350 (Part-II), 1970 for determination of GCV.
3. Wagons statement are enclosed.
4. quantity is based on provisional reports.

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


 Sign of Rep
 NAME: **Di Bhujta**
 NAME OF COAL CO. : **MCL**
 ADDRESS : **Chowringhee Road, Kolkata - 700071**
 TEL : **033-2288-9051**
 FAX : **033-2288-9051**
 E-MAIL : **supindkolkata@vsnl.net**


 Sign of Rep
 NAME: **SANJOY KARMAKAR**
 NAME OF CONSUMER


 Sign of Rep
 NAME: **P SAHU/S.RISHAN**
 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 A Jul-15

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	Sized &	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consume	Sample collection	TM%	Analysis result on equilibrated condition				
						No.	Date					M%	Ash%	GCV	Grade	
1	BOCM-VII	G-13	1.7.15	58	7\2	162000441	3.7.15	3770.00	MIGK	1.7.15	11.8	6.3	41.1	3601.9	G-13	
2	BOCM-VII	G-13	19.7.15	57	7\52	162000483	21.7.15	3762.50	MIGK	19.7.15	13.9	6.7	41.6	3580.7	G-13	
3	BOCM-VI	G-13	21.7.15	59	6\53	162000491	22.7.15	3765.80	MIGK	21.7.15	14.4	6.1	41.4	3609.7	G-13	
4	BOCM-VI	G-13	22.7.15	57	6\56	162000494	24.7.15	3854.20	MIGK	22.7.15	14.6	6.3	42.2	3568.9	G-13	
5	BOCM-VI	G-13	23.7.15	59	6\59	162000500	25.7.15	3929.10	MIGK	23.7.15	14.3	6.4	42.0	3591.6	G-13	
6	BOCM-VI	G-13	24.7.15	59	6\62	162000501	25.7.15	4060.07	MIGK	24.7.15	14.6	6.5	41.0	3584.4	G-13	
7	BOCM-VI	G-13	25.7.15	57	6\65	162000510	29.7.15	3779.40	MIGK	25.7.15	15.6	6.5	41.1	3582.5	G-13	
TOTAL								26921.07								
WEIGHTED AVERAGE												14.2	6.4	41.5	3588.4	
SURFACE MOISTURE % IN WEIGHTED AVERAGE									7.8							

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 06-08-2015

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. High

Signature of Rep
 Name of Coal Co. High
 Date: 06/08/2015
 Place: Lakhanpur

Sign of Rep

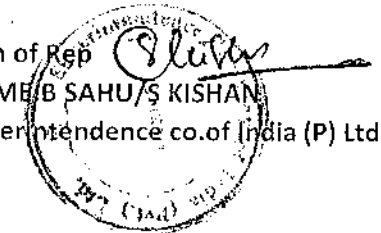
NAME:

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

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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 JULY- 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	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHS/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH				
						No.	Date					M%	Ash%	GCV	Grade	
1	BOCM-II	G - 13	1.7.15	58	2\2	162000430	3.7.15	3870.80	APLS	1.7.15	12.1	6.4	41.5	3540.0	G - 13	
2	BOCM-I	G - 13	2.7.15	58	1\4	162000430	3.7.15	3412.68	APLS	2.7.15	12.0	6.8	41.4	3515.9	G - 13	
3	BOCM-II	G - 13	6.7.15	58	2\11	162000435	7.7.15	3903.10	APLS	6.7.15	12.5	6.3	40.9	3587.1	G - 13	
4	BOCM-I	G - 13	9.7.15	59	1\20	162000437	10.7.15	3743.23	APLS	9.7.15	13.1	6.5	41.5	3542.4	G - 13	
5	BOCM-VII	G - 13	11.7.15	59	7\29	162000467	12.7.15	4008.11	APLS	11.7.15	13.7	6.4	40.9	3592.8	G - 13	
6	BOCM-II	G - 13	12.7.15	58	2\26	162000438	14.7.15	4025.30	APLS	12.7.15	13.1	6.0	40.8	3646.9	G - 13	
7	BOCM-I	G - 13	14.7.15	58	1\35	162000439	15.7.15	3901.30	APLS	14.7.15	12.6	6.4	41.2	3607.3	G - 13	
8	BOCM-VII	G - 13	17.7.15	59	7\44	162000478	19.7.15	3787.45	APLS	17.7.15	13.7	6.1	39.7	3664.9	G - 13	
9	BOCM-I	G - 13	18.7.15	58	1\46	162000444	19.7.15	3811.20	APLS	18.7.15	15.2	6.6	41.2	3554.1	G - 13	
10	BOCM-VII	G - 13	22.7.15	58	7\62	162000496	24.7.15	4024.60	APLS	22.7.15	15.0	5.4	47.8	3148.7	G - 14	
11	BOCM-I	G - 13	25.7.15	58	1\69	162000461	27.7.15	3952.00	APLS	25.7.15	15.1	6.8	41.6	3525.2	G - 13	
12	BOCM-I	G - 13	27.7.15	58	1\72	162000463	28.7.15	3975.70	APLS	27.7.15	15.1	6.4	41.0	3555.3	G - 13	
13	BOCM-II	G - 13	28.7.15	58	2\72	162000467	29.7.15	3992.60	APLS	28.7.15	15.0	6.3	40.9	3564.5	G - 13	
TOTAL								50408.07								
WEIGHTED AVERAGE											13.7	6.3	41.6	3541.3		
SURFACE MOISTURE % IN WEIGHTED AVERAGE											7.4					

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.

Sign of Rep

NAME:

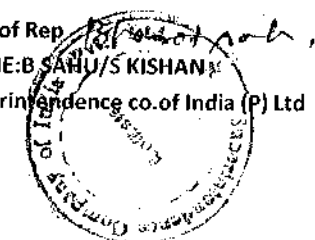
NAME OF CONSUMER

Sign of Rep

NAME: B SAHU/S KISHAN

Superintendence co. of India (P) Ltd

* H/B.
The authorization of Mitra SK (3rd party of APLS) is valid from dt. 22.07.15.



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 JULY- 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-II	G-13	29.7.15	59	2\76	162000470	30.7.15	3926.66	BZA	29.7.15	16.2	6.9	42.4	3519.8	G-13	
2	BOCM-VII	G-13	29.7.15	58	7\88	162000516	31.7.15	3945.40	BZA	29.7.15	15.5	6.3	40.8	3586.1	G-13	
3	BOCM-VII	G-13	30.7.15	59	7\92	162000522	1.8.15	3954.48	BZA	30.7.15	15.3	6.6	40.8	3586.1	G-13	
TOTAL								11826.54								
WEIGHTED AVERAGE											15.5	6.6	41.3	3564.1		
SURFACE MOISTURE % IN WEIGHTED AVERAGE											8.9					

Date 06-08-2015 1. Samples received for analysis were sealed and jointly signed at loading ends.

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

3. Wagons statement are enclosed.

4. quantity is based on provisional reports

1. Concerned Area SM(QC)

Sign of Rep

Sign of Rep

Sign of Rep

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

NAME:

NAME:

NAME: B SAHU/S KISHAN

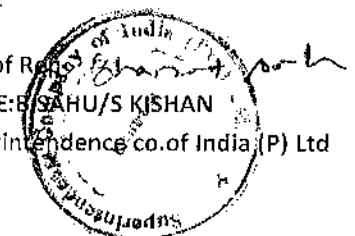
3. Office of Purchaser/Consumer.

NAME OF COAL CO.

NAME OF CONSUMER

Superintendence co. of India (P) Ltd

Superintendence Co. of India (P) Ltd
 Office of the GM(QC) Coal Co.
 Salt Lake City, Kolkata-700091
 Ph. 2357-1492/4670/71/81/ Fax (033) 2657-4806
 Email: supindkolkata@vsnl.net
 Website: wwwsuperintendence.com



SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

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

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

AREA : ORIENT AREA, HBM COAL


NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED

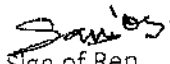
ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

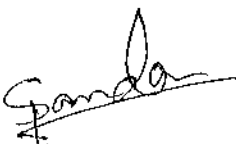
Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV					
						No.	Date					M%	Ash%	GCV	Grade		
1	LOCM-III	G-9	07-07-2015	15	19	262003741	07-07-2015	1055.80	APLS	07-07-2015	9.5	6.2	28.1	4670.3	G-9		
2	LOCM-III	G-9	09-07-2015	15	26	262003742	10-07-2015	1051.50	APLS	09-07-2015	10.4	6.9	27.5	4841.8	G-9		
3	LOCM-III	G-9	13-07-2015	15	35	262003744	13-07-2015	1025.20	APLS	13-07-2015	10.2	6.9	27.4	4841.8	G-9		
4	LOCM-III	G-9	20-07-2015	10	57	262003750	21-07-2015	690.40	APLS	20-07-2015	9.5	6.3	27.9	4682.5	G-9		
TOTAL								3822.90			9.9	6.6	27.7	4765.7	G-9		
WEIGHTED AVERAGE																	
SURFACE MOISTURE % IN WEIGHTED AVERAGE																	

- Date-06.08.2015
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 ,Beit ,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

Sign of Rep. 
 Name :
 Name of Purchser/Comsumer

Sign of Rep. 
 NAME: S.K.PANDA
 Superintendence co. of India Pvt. 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 - JULY - 2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY MAHANADI COALFIELDS LIMITED

AREA : ORIENT

ANALYSIS LABORATORY : AREA LABORATORY RAMPUR

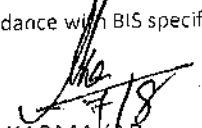
Sl. No.	Name of siding/ colliery/loading point	Sized & declared GCV/Grade	Date of loading	No. of Wags	Rake No.	Railway receipt		Qty As Per RR	Destination PHs/consumer	Sample collection date	TM%	Analysis result on equilibrated condition of 60%RH 40° C temp./GCV				
						No.	Date					M%	Ash%	GCV	Grade	
1	LOCM-III	G-9	03-07-2015	15	6	112000040	03-07-2015	1014.90	TNEB	03-07-2015	10.5	6.9	27.4	4858.5	G-9	
2	LOCM-III	G-9	04-07-2015	15	9	112000041	04-07-2015	993.44	TNEB	04-07-2015	9.6	6.2	28.2	4672.2	G-9	
3	LOCM-III	G-9	04-07-2015	15	11	112000042	05-07-2015	989.07	TNEB	04-07-2015	10.1	6.7	27.8	4777.2	G-9	
4	LOCM-III	G-9	05-07-2015	15	14	112000043	06-07-2015	1004.67	TNEB	05-07-2015	10.3	6.9	27.6	4831.0	G-9	
5	LOCM-III	G-9	08-07-2015	15	22	112000041	08-07-2015	1000.16	TNEB	08-07-2015	10.1	6.4	28.0	4743.4	G-9	
6	LOCM-III	G-9	08-07-2015	15	23	112000045	09-07-2015	1003.61	TNEB	08-07-2015	10.4	6.9	27.6	4858.3	G-9	
7	LOCM-III	G-9	14-07-2015	15	39	112000041	14-07-2015	1051.70	TNEB	14-07-2015	9.6	6.1	28.1	4667.0	G-9	
8	LOCM-III	G-9	22-07-2015	10	62	112000048	22-07-2015	674.30	TNEB	22-07-2015	9.8	6.5	27.8	4768.2	G-9	
9	LOCM-III	G-9	23-07-2015	10	68	112000049	24-07-2015	655.28	TNEB	23-07-2015	9.5	6.3	27.9	4682.5	G-9	
10	LOCM-III	G-9	25-07-2015	10	75	212000691	25-07-2015	657.75	TNEB	25-07-2015	10.5	6.8	27.4	4864.1	G-9	
TOTAL								9044.88				10.1	6.6	27.8	4772.2	G-9
WEIGHTED AVERAGE																
SURFACE MOISTURE % IN WEIGHTED AVERAGE									3.5							

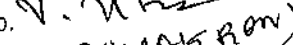
1. Samples received for analysis were sealed and jointly signed at loading ends.


Date-07.08.2015

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.

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

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

Sign of Rep. 
 Name: V. V. NAYAK (Rep)
 Name of Purchser/Comsumer TNEB

Sign of Rep. 
 NAME: S.K. PANDA
 Superintendence co. 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 JULY-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				
						No.	Date					M%	Ash%	GCV	Grade	
1	ORIENT	G-9	10-07-2015	58	2	112000015	11-07-2015	3950.01	TNEB	10-07-2015	10.4	6.9	27.4	4841.8	G-9	
2	ORIENT	G-9	17-07-2015	59	3	112000016	18-07-2015	3982.29	TNEB	17-07-2015	9.5	6.3	27.9	4682.5	G-9	
3	ORIENT	G-9	20-07-2015	59	4	12000017	21-07-2015	3990.51	TNEB	20-01-1900	10.0	6.7	27.6	4747.8	G-9	
4	ORIENT	G-9	24-07-2015	59	5	112000018	25-07-2015	4021.07	TNEB	24-07-2015	9.5	6.2	28.2	4674.0	G-9	
5	ORIENT	G-9	28-07-2015	56	6	112000019	29-07-2015	3903.50	TNEB	28-07-2015	10.7	6.9	27.4	4859.6	G-9	
TOTAL								19847.38			10.0	6.6	27.7	4760.4	G-9	
WEIGHTED AVERAGE																
SURFACE MOISTURE % IN WEIGHTED AVERAGE																
								3.4								

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


Date-07.08.2015

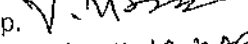
2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I), 1984&IS :1350 (Part-II), 1970 for determination of GCV.


3. Wagons statement are enclosed.

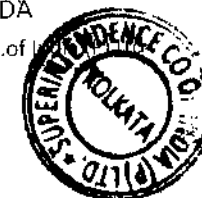
4. For Road ,Ropeway ,Belt ,Pipe line etc statement to be furnished separately.

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 In-charge
 Eastern Coalfields Ltd.

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

Sign of Rep. 
 NAME: S.K. PANDA
 Superintendence co. 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 JULY- 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	04-07-2015	58	11	112000067	04-07-2015	3705.27	TNEB	04-07-2015	9.2	4.1	36.2	4080.2	G-11
2	KANIKA	G-11	05-07-2015	59	13	112000068	05-07-2015	3872.70	TNEB	05-07-2015	9.8	4.8	34.9	4180.6	G-11
3	KANIKA	G-11	06-07-2015	59	18	112000069	06-07-2015	3944.46	TNEB	06-07-2015	9.6	4.5	35.4	4153.1	G-11
4	KANIKA	G-11	07-07-2015	59	20	112000070	07-07-2015	3910.62	TNEB	07-07-2015	9.5	4.5	35.5	4160.0	G-11
5	KANIKA	G-11	08-07-2015	59	22	112000071	08-07-2015	3906.38	TNEB	08-07-2015	9.4	4.4	35.4	4145.7	G-11
6	KANIKA	G-11	09-07-2015	58	25	212001918	09-07-2015	3927.92	TNEB	09-07-2015	9.1	4.1	36.1	4099.2	G-11
7	KANIKA	G-11	09-07-2015	58	26	112000072	09-07-2015	3895.80	TNEB	09-07-2015	9.4	4.3	35.7	4148.7	G-11
8	KANIKA	G-11	11-07-2015	57	32	212001919	11-07-2015	3831.20	TNEB	11-07-2015	9.1	4.0	36.3	4090.6	G-11
9	KANIKA	G-11	12-07-2015	59	34	112000073	12-07-2015	3884.34	TNEB	12-07-2015	9.0	4.1	36.5	4054.7	G-11
10	KANIKA	G-11	13-07-2015	58	36	112000074	13-07-2015	3876.70	TNEB	13-07-2015	9.8	4.8	34.9	4167.3	G-11
11	KANIKA	G-11	14-07-2015	59	40	112000075	14-07-2015	3842.92	TNEB	14-07-2015	9.5	4.4	35.4	4151.5	G-11
12	KANIKA	G-11	15-07-2015	57	42	212001920	15-07-2015	3713.41	TNEB	15-07-2015	9.7	4.6	34.9	4168.9	G-11
13	KANIKA	G-11	15-07-2015	59	43	112000076	15-07-2015	3854.49	TNEB	15-07-2015	9.5	4.5	35.5	4121.0	G-11
14	KANIKA	G-11	16-07-2015	58	49	112000078	16-07-2015	3844.75	TNEB	16-07-2015	9.9	4.6	34.8	4169.0	G-11

Date -05-08-15

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.

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

Sign of Rep
NAME: CV VIDHYA RAO
NAME OF CONSUMER (MCL)

Sign of Rep
NAME: S.K. PANDA
Superintendent, S.C.I. India (P) Ltd



SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

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

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF JULY- 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
15	KANIKA	G-11	17-07-2015	57	51	112000080	17-07-2015	3814.00	TNEB	17-07-2015	10.0	4.9	34.5	4216.4	G-11
16	KANIKA	G-11	18-07-2015	59	58	212001921	19-07-2015	3835.49	TNEB	19-07-2015	9.5	4.3	35.7	4135.1	G-11
17	KANIKA	G-11	21-07-2015	58	63	112000082	21-07-2015	3780.27	TNEB	21-07-2015	9.3	4.2	36.0	4125.5	G-11
18	KANIKA	G-11	21-07-2015	56	64	112000083	21-07-2015	3640.52	TNEB	21-07-2015	10.2	4.6	34.9	4184.3	G-11
19	KANIKA	G-11	23-07-2015	59	69	112000084	23-07-2015	3864.11	TNEB	23-07-2015	10.1	4.3	35.6	4127.5	G-11
20	KANIKA	G-11	24-07-2015	59	73	212001922	24-07-2015	3850.15	TNEB	24-07-2015	10.2	4.5	35.2	4148.1	G-11
21	KANIKA	G-11	25-07-2015	58	76	112000085	26-07-2015	3875.20	TNEB	25-07-2015	10.5	4.9	34.5	4200.2	G-11
22	KANIKA	G-11	27-07-2015	59	79	212001913	27-07-2015	3846.83	TNEB	27-07-2015	9.9	4.6	35.4	4138.5	G-11
23	KANIKA	G-11	27-07-2015	58	80	212001914	27-07-2015	3878.60	TNEB	27-07-2015	10.7	5.0	34.7	4204.2	G-11
24	KANIKA	G-11	31-07-2015	58	93	212001915	31-07-2015	3789.77	TNEB	31-07-2015	9.7	4.3	36.0	4126.4	G-11
TOTAL											9.7	4.5	35.4	4145.7	G-11
WEIGHTED AVERAGE								5.2							
SURFACE MOISTURE % IN WEIGHTED AVERAGE															

Date -05-08-15

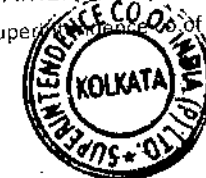
1. Samples received for analysis were sealed and jointly signed at loading ends.
2. proximate analysis has been done in accordance with BIS specification IS 1350(Part-I), 1984&IS :1350 (Part-II), 1970 for determination of GCV.
3. Wagons statement are enclosed.
4. For Road ,Ropeway ,Belt ,Pipe line etc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

Sign of Rep
NAME: S. K. BANDA
NAME OF CONSUMER (MCL)

Sign of Rep
NAME: S. K. BANDA
Superintendent of India (P) Ltd



K C SHARMA & Co.

H.O 18 Advance apartment Plot No. 134 Ward 12/C Lileshan Nagar
Gandhidham (Kutchh) 370291 Phone No.02836224300

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

Annexure -IV

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF JULY 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	Destination PHS/ Consumer	Sample collection date	TM%	Analysis result on equ. condition of 60%RH & 40 OC temp			
						No	Date					M%	A%	GCV	Gr
1	4	G-12	1-Jul-15	59/59	TTPS-02	261009882		3774.00	TTPS	1-Jul-15	13.09	6.18	39.71	3889	G12
2	4	G-12	2-Jul-15	57/54	TTPS-03	261009893		3456.00	TTPS	2-Jul-15	12.88	6.58	40.14	3774	G12
3	3	G-12	2-Jul-15	59/54	TTPS-04	261009896		3129.54	TTPS	2-Jul-15	12.71	5.99	39.09	3996	G12
4	4	G-12	5-Jul-15	56/56	TTPS-07	261009913		3734.02	TTPS	5-Jul-15	13.32	6.58	40.26	3771	G12
5	4	G-12	8-Jul-15	59/58	TTPS-12	261009930		3633.84	TTPS	8-Jul-15	13.51	6.44	39.55	3781	G12
6	1	G-12	8-Jul-15	58/57	TTPS-13	261009991		3833.71	TTPS	8-Jul-15	13.91	6.35	38.75	3884	G12
7	2	G-12	9-Jul-15	59/58	TTPS-14	261009944		3486.39	TTPS	9-Jul-15	14.09	6.58	40.10	3741	G12
8	4	G-12	15-Jul-15	56/57	TTPS-17	261009972		3619.73	TTPS	15-Jul-15	14.24	6.45	39.73	3806	G12
9	4	G-12	18-Jul-15	59/53	TTPS-20	261009986		3250.47	TTPS	18-Jul-15	14.16	6.37	38.83	3926	G12
10	4	G-12	18-Jul-15	59/57	TTPS-21	261009990		3599.25	TTPS	18-Jul-15	14.26	6.59	40.29	3781	G12
11	3	G-12	19-Jul-15	58/55	TTPS-23	261009999		3760.42	TTPS	19-Jul-15	14.29	6.39	39.92	3846	G12
12	1	G-12	19-Jul-15	58/57	TTPS-24	261010003		3846.00	TTPS	19-Jul-15	13.86	6.53	39.82	3778	G12
13	4	G-12	20-Jul-15	59/57	TTPS-26	261010011		3701.83	TTPS	20-Jul-15	13.45	6.88	40.38	3740	G12
14	3	G-12	21-Jul-15	58/54	TTPS-28	261010018		3478.26	TTPS	21-Jul-15	13.78	6.34	39.10	3912	G12
15	3	G-12	22-Jul-15	59/56	TTPS-29	261010023		3580.00	TTPS	22-Jul-15	13.54	6.88	38.79	3856	G12
16	2	G-12	22-Jul-15	58/59	TTPS-30	261010024		3770.00	TTPS	22-Jul-15	13.98	6.72	39.73	3792	G12
17	3	G-12	24-Jul-15	58/56	TTPS-32	261010038		3716.24	TTPS	24-Jul-15	14.32	6.22	39.84	3869	G12
18	1	G-12	30-Jul-15	59/58	TTPS-40	261010074		3500.42	TTPS	30-Jul-15	14.58	6.28	39.29	3913	G12

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

2. Proximate analysis has been done in accordance with BIS specification is 1350 (Part-1)1984 & IS 1350(Part-II) 1970 for determination of GCV.

3. Wagons statement are enclosed.

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

Date

SIGNATURE OF REP.
NAME
NAME OF PURCHASER/

SIGNATURE OF REP. *Dhircendra 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

COTECNA

CONTENA INSPECTION INDIA PVT.LTD

Barbil-joda Highway,AT/PO-serenda

Via-Barbail,Keonjhar,odisa-758035,india

Email : cotech.barbil@cotecna.co.in

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

SL NO	Date of Sampling	Sdg	Sample No	No of Box	C.Rake No	R. R. No.	R R QTY	RESULTS AT 60%RH&40C				
								TM%	M%	A%	GCV	Gr
1	1-Jul-15	4	TTPS-02	59/59	2	261009882	3774.00	13.09	6.38	40.98	3741	G12
2	2-Jul-15	4	TTPS-03	57/54	8	261009883	3456.00	12.86	6.15	40.79	3763	G12
3	2-Jul-15	3	TTPS-04	59/54	8	261009896	3129.54	12.71	6.11	41.21	3721	G12
4	5-Jul-15	4	TTPS-07	58/58	23	261009913	3734.02	13.31	6.42	40.98	3713	G12
5	8-Jul-15	4	TTPS-12	59/58	37	261009930	3633.84	13.51	5.98	40.75	3775	G12
6	8-Jul-15	1	TTPS-13	58/57	33	241000591	3533.71	13.91	6.14	41.18	3734	G12
7	9-Jul-15	2	TTPS-14	59/58	37	261009944	3466.39	14.09	6.18	39.72	3815	G12
8	15-Jul-15	4	TTPS-17	59/57	66	261009972	3619.73	14.24	6.19	39.90	3762	G12
9	16-Jul-15	4	TTPS-20	59/53	78	261009986	3250.47	14.16	6.14	39.91	3801	G12
10	18-Jul-15	4	TTPS-21	59/57	80	261009990	3599.25	14.26	6.15	41.50	3741	G12
11	19-Jul-15	3	TTPS-23	58/55	85	261009999	3750.42	14.29	6.15	40.28	3759	G12
12	19-Jul-15	1	TTPS-24	58/57	66	261010003	3646.00	13.86	6.20	39.95	3779	G12
13	20-Jul-15	4	TTPS-26	59/57	92	261010011	3701.83	13.45	6.18	39.48	3803	G12
14	21-Jul-15	3	TTPS-28	58/54	97	261010018	3479.26	13.78	6.42	40.96	3763	G12
15	22-Jul-15	3	TTPS-29	59/56	101	261010023	3580.00	13.54	6.11	41.51	3735	G12
16	22-Jul-15	2	TTPS-30	59/59	75	261010024	3770.00	13.66	6.34	40.56	3776	G12
17	24-Jul-15	3	TTPS-32	59/56	111	261010036	3716.24	14.32	6.18	40.08	3795	G12
18	30-Jul-15	1	TTPS-40	59/58	102	261010074	3500.42	14.58	6.12	39.61	3783	G12

MC
Chemist,
COTECNA

K C SHARMA & Co.

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

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

Annexure -IV

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY: MCL

ANALYSIS LABORATORY: JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R R	Destination PHS/ Consumer	Sample collection date	TM%	Analysis result on equ.condition of 60%RH & 40 OC temp			
						No	Date					M%	A%	GCV	Gr
1	JB-91	G-12	1-Jul-15	NA	NA	NA		5226.00	TTPS	1-Jul-15	13.09	6.39	40.15	3779	G12
2	JB-92	G-12	2-Jul-15	NA	NA	NA		5430.00	TTPS	2-Jul-15	12.36	6.09	40.11	3824	G12
3	JB-93	G-12	3-Jul-15	NA	NA	NA		5180.00	TTPS	3-Jul-15	12.51	6.46	40.09	3785	G12
4	JB-94	G-12	4-Jul-15	NA	NA	NA		6107.00	TTPS	4-Jul-15	12.59	6.32	39.78	3862	G12
5	JB-95	G-12	5-Jul-15	NA	NA	NA		6150.00	TTPS	5-Jul-15	13.12	6.51	38.94	3901	G12
6	JB-96	G-12	6-Jul-15	NA	NA	NA		2320.00	TTPS	6-Jul-15	13.05	6.22	39.76	3830	G12
7	JB-97	G-12	7-Jul-15	NA	NA	NA		1526.00	TTPS	7-Jul-15	13.52	6.49	39.80	3767	G12
8	JB-98	G-12	8-Jul-15	NA	NA	NA		2735.00	TTPS	8-Jul-15	14.02	6.29	39.33	3858	G12
9	JB-99	G-12	9-Jul-15	NA	NA	NA		3775.00	TTPS	9-Jul-15	14.11	6.26	39.29	3913	G12
10	JB-100	G-12	10-Jul-15	NA	NA	NA		3792.00	TTPS	10-Jul-15	13.82	6.59	39.35	3869	G12
11	JB-101	G-12	11-Jul-15	NA	NA	NA		1383.00	TTPS	11-Jul-15	13.66	6.33	40.28	3789	G12
12	JB-102	G-12	12-Jul-15	NA	NA	NA		3752.00	TTPS	12-Jul-15	13.78	5.91	39.62	3825	G12
13	JB-103	G-12	13-Jul-15	NA	NA	NA		3755.00	TTPS	13-Jul-15	14.15	6.26	38.90	3924	G12
14	JB-104	G-12	14-Jul-15	NA	NA	NA		1077.00	TTPS	14-Jul-15	14.26	6.28	39.42	3871	G12
15	JB-105	G-12	16-Jul-15	NA	NA	NA		3009.00	TTPS	16-Jul-15	14.09	6.38	38.91	3917	G12
16	JB-106	G-12	17-Jul-15	NA	NA	NA		4200.00	TTPS	17-Jul-15	14.11	6.49	40.56	3757	G12
17	JB-107	G-12	18-Jul-15	NA	NA	NA		2491.00	TTPS	18-Jul-15	14.31	6.45	39.96	3799	G12
18	JB-108	G-12	19-Jul-15	NA	NA	NA		4550.00	TTPS	19-Jul-15	14.28	6.59	38.74	3848	G12
19	JB-109	G-12	20-Jul-15	NA	NA	NA		3028.00	TTPS	20-Jul-15	13.66	6.15	40.41	3769	G12
20	JB-110	G-12	21-Jul-15	NA	NA	NA		4610.00	TTPS	21-Jul-15	13.42	6.39	40.00	3790	G12
21	JB-111	G-12	22-Jul-15	NA	NA	NA		4200.00	TTPS	22-Jul-15	13.69	6.69	40.21	3775	G12
22	JB-112	G-12	23-Jul-15	NA	NA	NA		4030.00	TTPS	23-Jul-15	13.24	6.22	39.66	3826	G12
23	JB-113	G-12	24-Jul-15	NA	NA	NA		3648.00	TTPS	24-Jul-15	14.24	6.28	38.96	3888	G12
24	JB-114	G-12	25-Jul-15	NA	NA	NA		2592.00	TTPS	25-Jul-15	13.98	6.22	40.23	3775	G12
25	JB-115	G-12	26-Jul-15	NA	NA	NA		3900.00	TTPS	26-Jul-15	14.26	6.13	40.36	3808	G12
26	JB-116	G-12	27-Jul-15	NA	NA	NA		1780.00	TTPS	27-Jul-15	14.39	6.16	38.71	3917	G12
27	JB-117	G-12	28-Jul-15	NA	NA	NA		1626.00	TTPS	28-Jul-15	14.53	6.32	39.07	3890	G12

(Handwritten Signature)

SL No	Name of Siding/Coillery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	TM%	Analysis result on equ.condition of 60%RH & 40 OC temp			
						No	Date					M%	A%	GCV	Gr
28	JB-118	G-12	29-Jul-15	NA	NA	NA		2774.00	TTPS	29-Jul-15	14.40	6.58	38.88	3850	G12
29	JB-119	G-12	30-Jul-15	NA	NA	NA		3750.00	TTPS	30-Jul-15	14.63	6.12	40.20	3798	G12
30	JB-120	G-12	31-Jul-15	NA	NA	NA		3590.00	TTPS	31-Jul-15	14.60	6.45	39.12	3878	G12

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

Date

SIGNATURE OF REP.
NAME
NAME OF PURCHASE/
CONSUMER

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

Dharendra Kumar Sato

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 Llashan Nagar
Gandhidham (Kutchh) 370201 Phone No.02838224300

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

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

Sl. No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 OC temp				
						No	Date				TM%	N%	A%	GCV	Gr
1	1	G-12	1-Jul-15	58/57	SMI-01	261009885		3640.96	SMI	1-Jul-15	13.58	6.37	39.84	3853	G12
2	1	G-12	2-Jul-15	57/52	SMI-04	261009884		3201.97	SMI	2-Jul-15	12.98	6.43	38.94	3855	G12
3	4	G-12	3-Jul-15	59/59	SMI-08	261009901		3670.65	SMI	3-Jul-15	13.07	6.42	38.85	3928	G12
4	2	G-12	3-Jul-15	59/59	SMI-07	261009899		3787.01	SMI	3-Jul-15	12.93	6.32	39.55	3842	G12
5	1	G-12	5-Jul-15	59/57	NSMI-02	261009915		3673.60	SMI	5-Jul-15	13.29	6.19	39.95	3782	G12
6	4	G-12	6-Jul-15	59/49	SMI-14	261009922		3119.57	SMI	6-Jul-15	12.84	6.42	39.71	3816	G12
7	2	G-12	6-Jul-15	58/33	NSMI-05	261009939		2095.87	SMI	6-Jul-15	13.66	6.33	39.79	3802	G12
8	1	G-12	11-Jul-15	59/57	SMI-29	261009958		3730.13	SMI	8-Jul-15	14.12	6.48	38.38	3870	G12
9	2	G-12	13-Jul-15	57/51	NSMI-08	261009987		3423.86	SMI	11-Jul-15	14.19	6.38	38.94	3923	G12
10	4	G-12	16-Jul-15	59/58	SMI-35	261009978		3665.03	SMI	13-Jul-15	14.03	6.18	39.14	3860	G12
11	1	G-12	18-Jul-15	59/58	SMI-40	261009994		3754.88	SMI	16-Jul-15	13.98	6.66	40.13	3739	G12
12	2	G-12	18-Jul-15	59/55	SMI-42	261009993		3278.55	SMI	18-Jul-15	14.09	6.29	39.77	3798	G12
13	3	G-12	18-Jul-15	59/57	SMI-44	261010001		3470.63	SMI	18-Jul-15	13.88	6.48	39.02	3907	G12
14	3	G-12	20-Jul-15	58/58	SMI-46	261010002		3592.24	SMI	19-Jul-15	13.57	6.59	39.65	3816	G12
15	2	G-12	21-Jul-15	59/54	NSMI-10	261010021		3621.77	SMI	20-Jul-15	13.78	6.58	38.89	3845	G12
16	4	G-12	21-Jul-15	59/57	SMI-50	261010015		3553.73	SMI	21-Jul-15	13.89	6.32	39.91	3805	G12
17	1	G-12	22-Jul-15	58/56	NSMI-13	261010036		3695.18	SMI	22-Jul-15	14.26	6.29	40.20	3785	G12
18	2	G-12	23-Jul-15	59/55	NSMI-16	261010039		3589.04	SMI	23-Jul-15	13.67	6.62	39.09	3820	G12
19	1	G-12	24-Jul-15	59/37	NSMI-17	261010047		2498.14	SMI	24-Jul-15	14.27	6.62	40.37	3768	G12
20	1	G-12	28-Jul-15	59/43	NSMI-19	261010062		2878.90	SMI	28-Jul-15	14.18	6.42	40.45	3835	G12
21	1	G-12	27-Jul-15	58/56	SMI-62	261010060		3535.93	SMI	27-Jul-15	14.61	6.62	38.29	3899	G12
22	2	G-12	29-Jul-15	58/52	NSMI-20	261010069		3299.66	SMI	29-Jul-15	14.57	6.61	39.60	3854	G12
23	1	G-12	30-Jul-15	58/33	NSMI-22	261010067		2078.81	SMI	30-Jul-15	14.77	6.63	38.94	3901	G12
24	4	G-12	30-Jul-15	58/58	SMI-67	261010071		3609.54	SMI	30-Jul-15	14.27	6.51	40.14	3765	G12
25	3	G-12	31-Jul-15	57/56	SMI-68	261010077		3683.83	SMI	31-Jul-15	14.33	6.42	38.85	3928	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 3rd PARTY: K C Sharma & Co.

Dharendra Kumar Sahoo

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

COTECNA

CONTENA INSPECTION INDIA PVT.LTD

Barbil-joda Highway,AT/PO-serenda

Via-Barball,Keonjhar,odisa-758035,india

Email : cotech.barbil@cotecna.co.in

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

SL NO	Date of Sampling	Sdg	Sample No	No of Box	C.Rake No	R. R. No.	R R QTY	RESULTS AT 60%RH&40C				
								TM%	M%	A%	GCV	Gr
1	1-Jul-15	1	SMI-01	58/57	2	261009885	3640.96	13.74	6.05	41.15	3764	G12
2	2-Jul-15	1	SMI-04	57/52	6	261009884	3201.97	13.11	6.38	40.92	3771	G12
3	3-Jul-15	4	SMI-08	59/59	13	261009901	3670.65	12.96	6.12	41.03	3711	G12
4	3-Jul-15	2	SMI-07	59/59	10	261009899	3787.01	12.81	5.45	41.88	3761	G12
5	5-Jul-15	1	NSMI-02	59/57	22	261009915	3673.60	13.24	6.42	39.18	3875	G12
6	6-Jul-15	4	SMI-14	59/49	31	261009922	3119.57	12.63	5.94	41.53	3787	G12
7	8-Jul-15	2	NSMI-05	58/33	34	261009939	2095.87	13.89	5.96	40.04	3789	G12
8	11-Jul-15	1	SMI-29	59/57	45	261009958	3730.13	14.09	6.36	40.31	3759	G12
9	13-Jul-15	2	NSMI-06	57/51	48	261009967	3423.86	14.21	5.82	40.61	3716	G12
10	16-Jul-15	4	SMI-35	59/58	70	261009978	3665.03	13.88	6.12	40.64	3753	G12
11	18-Jul-15	1	SMI-40	59/58	62	261009994	3754.88	14.14	6.08	39.62	3811	G12
12	18-Jul-15	2	SMI-42	59/55	62	261009993	3278.55	14.21	5.89	41.03	3756	G12
13	19-Jul-15	3	SMI-44	59/57	87	261010001	3470.63	13.78	5.99	39.25	3767	G12
14	20-Jul-15	3	SMI-46	58/58	89	261010002	3592.24	13.41	5.85	39.95	3751	G12
15	21-Jul-15	2	NSMI-10	59/54	73	261010021	3621.77	13.63	5.86	40.67	3727	G12
16	21-Jul-15	4	SMI-50	59/57	96	261010015	3553.73	13.54	5.61	41.92	3773	G12
17	22-Jul-15	1	NSMI-13	58/56	79	261010036	3695.16	14.15	5.96	39.84	3816	G12
18	23-Jul-15	2	NSMI-16	59/55	80	261010039	3589.04	13.48	5.64	41.00	3760	G12
19	24-Jul-15	1	NSMI-17	59/37	87	261010047	2498.14	14.39	5.99	40.67	3715	G12
20	28-Jul-15	1	NSMI-19	59/43	95	261010062	2876.90	14.39	5.92	40.24	3754	G12
21	27-Jul-15	1	SMI-62	58/56	94	261010060	3535.93	14.50	6.25	40.35	3774	G12
22	29-Jul-15	2	NSMI-20	58/52	96	261010069	3299.66	14.42	6.18	40.59	3764	G12
23	30-Jul-15	1	NSMI-22	58/33	99	261010067	2078.61	14.56	6.00	40.28	3786	G12
24	30-Jul-15	4	SMI-67	58/56	138	261010071	3609.54	14.33	6.23	39.63	3750	G12
25	31-Jul-15	3	SMI-68	57/56	143	261010077	3683.83	14.22	5.91	41.45	3758	G12

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Annexure -IV

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY: MCL

ANALYSIS LABORATORY: JAGANNATH COLLIERY

(REVISED RESULTS)

SL No	Name of Stiding/Colliery>Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Waga.	Rake No	Railway Receipt		Gurity es per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on equ. condition of 60%RH & 40 OC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	1	G-12	1-Jul-15	59/57	NNTECL-01	261009888		3835.38	NNTECL	1-Jul-15	13.32	6.58	39.17	3826	G12
2	2	G-12	1-Jul-15	59/58	NNTECL-02	261009887		3822.78	NNTECL	1-Jul-15	13.69	6.50	39.45	3925	G12
3	1	G-12	2-Jul-15	59/59	NNTECL-03	261009897		3714.43	NNTECL	2-Jul-15	12.91	6.33	40.09	3824	G12
4	4	G-12	2-Jul-15	58/57	NTECL-02	261009898		3786.34	NNTECL	2-Jul-15	12.46	6.31	41.14	3886	G12
5	4	G-12	3-Jul-15	59/59	NTECL-04	261009902		3758.22	NNTECL	3-Jul-15	12.49	6.51	39.89	3765	G12
6	1	G-12	3-Jul-15	59/59	NNTECL-04	261009895		3691.34	NNTECL	3-Jul-15	12.64	6.24	39.02	3853	G12
7	1	G-12	3-Jul-15	59/59	NNTECL-05	261009900		3764.39	NNTECL	3-Jul-15	12.74	6.25	37.85	3932	G12
8	2	G-12	4-Jul-15	59/58	NNTECL-07	261009909		3704.22	NNTECL	4-Jul-15	12.87	6.82	38.50	3947	G12
9	2	G-12	6-Jul-15	59/59	NNTECL-09	261009925		3856.77	NNTECL	6-Jul-15	12.51	6.56	38.14	3954	G12
10	2	G-12	7-Jul-15	58/56	NTECL-08	261009924		3542.54	NNTECL	7-Jul-15	13.19	6.53	39.09	3847	G12
11	2	G-12	7-Jul-15	59/57	NNTECL-11	261009931		3344.20	NNTECL	7-Jul-15	13.47	6.49	39.52	3913	G12
12	1	G-12	9-Jul-15	59/58	NNTECL-14	211007910		3868.28	NNTECL	9-Jul-15	13.88	6.45	39.36	3895	G12
13	1	G-12	11-Jul-15	59/58	NNTECL-17	261009956		3761.06	NNTECL	11-Jul-15	14.04	6.53	39.24	3823	G12
14	3	G-12	11-Jul-15	58/56	NTECL-11	261009949		3644.93	NNTECL	11-Jul-15	13.87	6.27	39.80	3911	G12
15	4	G-12	11-Jul-15	59/57	NTECL-12	261009952		3555.09	NNTECL	11-Jul-15	13.92	6.63	38.94	3817	G12
16	4	G-12	11-Jul-15	59/55	NTECL-13	261009954		3531.25	NNTECL	11-Jul-15	14.13	6.53	39.05	3877	G12
17	3	G-12	12-Jul-15	59/58	NTECL-14	261009957		3521.44	NNTECL	12-Jul-15	13.96	6.33	40.06	3784	G12
18	2	G-12	12-Jul-15	59/59	NNTECL-18	261009963		3922.22	NNTECL	12-Jul-15	13.86	6.29	41.08	3804	G12
19	1	G-12	13-Jul-15	59/59	NNTECL-19	261009969		3670.34	NNTECL	13-Jul-15	13.91	6.05	40.12	3929	G12
20	3	G-12	13-Jul-15	58/57	NTECL-17	261009961		3431.53	NNTECL	13-Jul-15	14.11	6.55	40.08	3786	G12

[Handwritten Signature]

21	4	G-12	13-Jul-15	57/51	NTECL-18	261009970		3276.59	NNTECL	13-Jul-15	14.07	6.37	40.20	3766	G12
22	2	G-12	14-Jul-15	59/59	NNTECL-21	261009973		3778.59	NNTECL	14-Jul-15	13.75	6.52	39.46	3923	G12
23	1	G-12	16-Jul-15	59/59	NNTECL-23	261007979		3765.45	NNTECL	16-Jul-15	13.62	6.63	38.94	3844	G12
24	1	G-12	17-Jul-15	58/58	NNTECL-24	261009988		3917.20	NNTECL	17-Jul-15	14.00	6.81	39.93	3734	G12
25	1	G-12	18-Jul-15	58/58	NNTECL-25	261009989		3660.05	NNTECL	18-Jul-15	14.17	6.39	39.51	3913	G12
26	1	G-12	18-Jul-15	59/58	NNTECL-26	261009991		3881.82	NNTECL	18-Jul-15	14.05	6.33	39.84	3895	G12
27	1	G-12	19-Jul-15	58/56	NNTECL-28	261010006		3765.91	NNTECL	19-Jul-15	14.11	6.62	39.93	3782	G12
28	4	G-12	20-Jul-15	59/58	NTECL-21	261010004		3561.94	NNTECL	20-Jul-15	13.28	6.86	38.87	3831	G12
29	4	G-12	20-Jul-15	59/55	NTECL-22	261010012		353894	NNTECL	20-Jul-15	13.44	6.39	40.12	3811	G12
30	2	G-12	22-Jul-15	59/69	NNTECL-32	261010029		3847.75	NNTECL	22-Jul-15	13.49	6.52	39.83	3884	G12
31	1	G-12	25-Jul-15	59/59	NNTECL-35	261010052		4090.46	NNTECL	25-Jul-15	14.46	6.51	39.01	3844	G12
32	4	G-12	27-Jul-15	60/55	NTECL-26	261010058		3427.54	NNTECL	27-Jul-15	14.42	6.33	39.12	3874	G12
33	4	G-12	28-Jul-15	59/58	NTECL-27	261010059		3732.62	NNTECL	28-Jul-15	14.58	6.17	38.98	3913	G12
34	1	G-12	29-Jul-15	58/58	NNTECL-38	261010068		3262.30	NNTECL	29-Jul-15	14.31	6.31	39.93	3773	G12
35	1	G-12	31-Jul-15	59/58	NNTECL-42	261010076		3645.11	NNTECL	31-Jul-15	14.51	6.54	39.49	3867	G12
36	3	G-12	31-Jul-15	59/59	NTECL-33	261010073		3475.23	NNTECL	31-Jul-15	14.64	6.51	39.95	3871	G12

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

2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part-1) 1984 & IS 1350 (Part-II) 1970 for determination of GCV.

3. Wetness statement are enclosed.

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

Date

SIGNATURE OF REP.
NAME
NAME OF PURCHASE/
CONSUMER

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

Heemare Lathoo

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

COTECNA

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RAKE LOADING DETAILS WITH ANALYSIS OF M/S NTECL AT JAGANNATH LAB AREA FOR THE MONTH OF JULY -2015

S.No	Code	Date	Lab Area	Weight (kg)	Count	Moisture (%)	Moisture (mm)	Moisture (mm)	Moisture (mm)	Moisture (mm)	Moisture (mm)	Moisture (mm)	Moisture (mm)	Moisture (mm)
1	N-NTECL-01	01.07.15	Jagannath-01	3835.380	261009888	02.07.15	5.85	40.91	3752	13.32	5.98	40.85	3747	G-12
2	N-NTECL-02	01.07.15	Jagannath-02	3822.780	261009887	02.07.15	6.06	39.93	3804	13.69	5.98	39.96	3807	G-12
3	B-NTECL-02	02.07.15	Bhubaneswari-04	3787.340	251009898	03.07.15	6.92	41.81	3689	12.46	6.21	42.13	3717	G-12
4	N-NTECL-03	02.07.15	Jagannath-01	3714.430	261009897	03.07.15	6.63	40.16	3724	12.91	6.12	40.38	3744	G-12
5	N-NTECL-04	03.07.15	Jagannath-01	3691.840	261009895	03.07.15	6.98	41.89	3687	12.64	5.94	42.36	3728	G-12
6	N-NTECL-05	03.07.15	Jagannath-01	3764.390	261009900	03.07.15	6.63	40.89	3742	12.74	6.05	41.14	3765	G-12
7	B-NTECL-04	03.07.15	Bhubaneswari-04	3758.220	261009902	04.07.15	6.14	40.25	3755	12.49	6.18	40.23	3753	G-12
8	N-NTECL-07	04.07.15	Jagannath-02	3704.220	261009909	05.07.15	6.87	39.47	3800	12.87	5.90	39.88	3840	G-12
9	N-NTECL-09	06.07.15	Jagannath-02	3856.770	261009925	07.07.15	6.75	39.10	3802	12.51	6.02	39.41	3832	G-12
10	B-NTECL-08	07.07.15	Jagannath-02	3542.540	261009924	07.07.15	5.55	40.01	3766	13.19	5.95	39.84	3750	G-12
11	N-NTECL-11	07.07.15	Jagannath-02	3444.200	261009931	08.07.15	6.64	40.45	3752	13.47	5.95	40.75	3780	G-12
12	N-NTECL-14	09.07.15	Jagannath-01	3868.280	261009949	11.07.15	7.12	39.68	3770	13.88	5.98	40.17	3816	G-12
13	B-NTECL-11	10.07.15	Bhubaneswari-03	3644.930	261009952	11.07.15	6.60	41.19	3710	13.87	5.78	41.55	3743	G-12
14	B-NTECL-12	10.07.15	Bhubaneswari-04	3555.090	261009958	12.07.15	6.94	39.93	3787	13.92	6.22	40.24	3816	G-12
15	N-NTECL-17	11.07.15	Jagannath-01	3761.080	261009954	12.07.15	6.34	40.16	3780	14.04	6.16	40.24	3787	G-12
16	B-NTECL-13	11.07.15	Bhubaneswari-04	3531.250	261009957	12.07.15	6.53	40.20	3762	14.13	5.84	40.50	3790	G-12
17	B-NTECL-14	11/12.07.15	Bhubaneswari-03	3521.440	261009963	13.07.15	6.13	41.01	3721	13.96	5.85	41.13	3732	G-12
18	N-NTECL-18	12.07.15	Jagannath-02	3922.220	261009961	13.07.15	7.91	39.63	3715	13.86	5.97	40.46	3793	G-12
19	B-NTECL-17	13.07.15	Bhubaneswari-03	3431.530	261009969	14.07.15	7.40	40.21	3702	14.11	6.18	40.74	3751	G-12
20	N-NTECL-19	13.07.15	Jagannath-01	3690.340	261009970	14.07.15	7.60	39.59	3778	13.91	6.24	40.17	3834	G-12
21	B-NTECL-18	13.07.15	Bhubaneswari-03	3276.590	261009973	16.07.15	6.52	40.14	3770	14.07	5.98	40.37	3792	G-12
22	N-NTECL-21	14/15.07.15	Jagannath-02	3778.590	261009979	17.07.15	7.72	39.42	3773	13.75	6.20	40.07	3835	G-12
23	N-NTECL-23	16.07.15	Jagannath-01	3761.380	261009988	18.07.15	6.81	41.23	3739	13.62	6.44	41.39	3754	G-12
24	N-NTECL-24	16.07.15	Jagannath-01	3917.200	261009987	18.07.15	6.70	40.19	3782	14.00	6.18	40.41	3803	G-12
25	N-NTECL-25	17/18.07.15	Jagannath-02	3660.050	261009991	18.07.15	7.61	39.28	3746	14.17	6.1	39.92	3807	G-12
26	N-NTECL-26	18.07.15	Jagannath-01	3881.820	261009991	18.07.15	6.71	40.24	3762	14.05	5.99	40.55	3791	G-12

MR 07/00
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27	N-NTECL-28	19/20.07.15	Jagannath-02	3765.910	261010006	20.07.15	7.07	39.75	3712	14.11	6.18	40.13	3748	G-12
28	B-NTECL-21	19/20.07.15	Bhubaneswari-04	3561.140	261010004	20.07.15	6.01	39.90	3768	13.28	5.95	39.93	3770	G-12
29	B-NTECL-22	20.07.15	Bhubaneswari-04	3538.940	261010012	21.07.15	5.77	40.34	3805	13.44	5.95	40.26	3798	G-12
30	N-NTECL-32	22.07.15	Jagannath-02	3847.750	261010029	23.07.15	6.93	39.42	3758	13.49	5.84	39.88	3802	G-12
31	N-NTECL-35	25.07.15	Jagannath-01	4090.480	261010052	26.07.15	6.77	39.96	3769	14.46	5.90	40.33	3804	G-12
32	B-NTECL-26	27.07.15	Bhubaneswari-04	3427.540	261010058	28.07.15	7.52	39.53	3722	14.42	6.15	40.12	3777	G-12
33	B-NTECL-27	27.07.15	Bhubaneswari-04	3732.620	261010059	28.07.15	5.83	40.59	3757	14.58	5.94	40.54	3753	G-12
34	N-NTECL-38	29.07.15	Jagannath-01	3262.300	261010068	30.07.15	7.23	39.31	3738	14.31	5.95	39.85	3790	G-12
35	B-NTECL-33	30.07.15	Bhubaneswari-03	3475.230	261010073	31.07.15	5.64	41.34	3731	14.64	5.98	41.19	3718	G-12
36	N-NTECL-42	31.07.15	Jagannath-01	3645.110	261010076	31.07.15	7.27	40.41	3678	14.51	5.90	41.01	3732	G-12

M. Saha
 FOR COTECNA INSPECTION INDIA PVT LTD

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Annexure -IV

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OFJULY-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 GC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	3	G-12	6-Jul-15	59/59	SEBD-05	261009916		3730.71	SEBD	6-Jul-15	12.71	8.37	38.95	3891	G12
2	3	G-12	6-Jul-15	59/59	SEBD-06	261009923		3703.02	SEBD	6-Jul-15	12.89	6.48	38.45	3982	G12
3	3	G-12	7-Jul-15	59/58	SEBD-08	261009927		3862.33	SEBD	7-Jul-15	13.26	5.92	39.94	3829	G12
4	3	G-12	9-Jul-15	59/54	SEBD-11	261009943		3489.57	SEBD	9-Jul-15	14.07	6.18	38.99	3948	G12
5	4	G-12	10-Jul-15	59/59	SEBD-12	261009945		3719.45	SEBD	10-Jul-15	13.92	6.51	40.45	3761	G12
6	4	G-12	10-Jul-15	59/59	SEBD-13	261009948		3813.61	SEBD	10-Jul-15	14.18	6.24	39.85	3845	G12
7	3	G-12	17-Jul-15	59/59	SEBD-21	261009980		3725.41	SEBD	17-Jul-15	13.65	6.29	40.04	3843	G12
8	4	G-12	17-Jul-15	58/58	SEBD-22	261009981		3489.58	SEBD	17-Jul-15	13.80	6.11	40.13	3883	G12
9	1	G-12	21-Jul-15	59/59	SEBD-27	261010016		3531.48	SEBD	21-Jul-15	13.48	6.19	40.64	3816	G12
10	3	G-12	23-Jul-15	59/57	SEBD-30	261010034		3737.45	SEBD	23-Jul-15	13.36	6.22	38.72	3951	G12
11	2	G-12	31-Jul-15	59/59	SEBD-37	261010078		3530.82	SEBD	31-Jul-15	14.31	6.12	40.26	3762	G12

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

2. Proximate analysis has been done in accordance with BIS specification is 1350 (Part-1)1984 & IS 1350(Part-II) 1970 for determination of GCV.

3. Wagons-statement are enclosed.

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

Date



Prati Raju Sarant

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

Praveendra Kumar Sahoo

Distribution: Coal company

1. Concerned Area GM

2. Office of the GM(QC)

3. Office of Purchaser/Consumer

COTECNA

CONTENA INSPECTION INDIA PVT.LTD

Barbil-joda Highway,AT/PO-serenda

Via-Barbail,Keonjhar,odisa-758035,india

Email : cotech.barbail@cotecna.co.in

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

SL NO	Date of Sampling	Sample No	R R QTY	RESULTS AT 60%RH&40C				
				TM%	M%	A%	GCV	Gr
1	1-Jul-15	JB-91	5226.00	13.09	6.16	40.87	3756	G12
2	2-Jul-15	JB-92	5430.00	12.36	6.08	40.63	3734	G12
3	3-Jul-15	JB-93	5180.00	12.51	6.11	40.41	3773	G12
4	4-Jul-15	JB-94	6107.00	12.59	6.18	41.22	3718	G12
5	5-Jul-15	JB-95	6150.00	13.12	6.15	39.69	3790	G12
6	6-Jul-15	JB-96	2320.00	13.05	6.18	40.16	3774	G12
7	7-Jul-15	JB-97	1526.00	13.52	5.85	42.03	3717	G12
8	8-Jul-15	JB-98	2735.00	14.02	6.25	40.68	3761	G12
9	9-Jul-15	JB-99	3775.00	14.11	6.11	41.39	3723	G12
10	10-Jul-15	JB-100	3792.00	13.82	6.42	40.15	3776	G12
11	11-Jul-15	JB-101	1383.00	13.66	6.14	39.24	3804	G12
12	12-Jul-15	JB-102	3752.00	13.78	6.12	40.87	3760	G12
13	13-Jul-15	JB-103	3755.00	14.15	6.16	41.68	3718	G12
14	14-Jul-15	JB-104	1077.00	14.26	6.18	41.22	3717	G12
15	16-Jul-15	JB-105	3009.00	14.09	6.20	40.04	3758	G12
16	17-Jul-15	JB-106	4200.00	14.11	6.15	40.26	3765	G12
17	18-Jul-15	JB-107	2491.00	14.31	6.10	40.33	3758	G12
18	19-Jul-15	JB-108	4550.00	14.28	6.15	41.04	3721	G12
19	20-Jul-15	JB-109	3028.00	13.66	6.22	39.98	3753	G12
20	21-Jul-15	JB-110	4610.00	13.42	6.55	40.30	3784	G12
21	22-Jul-15	JB-111	4200.00	13.69	6.15	40.47	3756	G12
22	23-Jul-15	JB-112	4030.00	13.24	6.15	40.33	3764	G12
23	24-Jul-15	JB-113	3648.00	14.24	6.21	40.17	3774	G12
24	25-Jul-15	JB-114	2592.00	13.98	6.15	41.32	3728	G12
25	26-Jul-15	JB-115	3900.00	14.26	6.15	40.30	3776	G12
26	27-Jul-15	JB-116	1780.00	14.39	6.15	40.92	3720	G12
27	28-Jul-15	JB-117	1626.00	14.53	6.22	40.08	3744	G12
28	29-Jul-15	JB-118	2774.00	14.4	6.23	40.27	3771	G12
29	30-Jul-15	JB-119	3750.00	14.63	6.13	39.23	3797	G12
30	31-Jul-15	JB-120	3590.00	14.6	6.23	40.22	3749	G12

Maha
Chemist,
COTECNA.

K C SHARMA & Co.

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

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

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

Annexure -IV

NAME OF COAL COMPANY: MCL

ANALYSIS LABORATORY: JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags.	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 OC temp					
						No	Date				TM%	M%	A%	GCV	Gr	
1	3	G-12	7-Jul-15	59/55	HEBS-01											
2	1	G-12	8-Jul-15	59/58	HEBS-02	212001242		3326.95	HEBS	7-Jul-15	13.26	6.36	40.05	3856	G12	
3	1	G-12	10-Jul-15	59/53	HEBS-04	212001243		3456.04	HEBS	8-Jul-15	12.99	6.19	38.84	3921	G12	
4	2	G-12	13-Jul-15	56/53	HEBS-06	212001244		3536.76	HEBS	10-Jul-15	12.78	6.22	38.77	3911	G12	
5	1	G-12	16-Jul-15	59/59	HEBS-07	212001246		3159.89	HEBS	13-Jul-15	13.17	6.61	39.99	3761	G12	
6	4	G-12	24-Jul-15	59/58	HEBS-12	212001247		3802.87	HEBS	16-Jul-15	13.46	6.52	37.99	3996	G12	
7	4	G-12	25-Jul-15	58/55	HEBS-13	212001251		3588.94	HEBS	24-Jul-15	13.52	6.45	38.99	3850	G12	
8	2	G-12	27-Jul-15	58/58	NHEBS-01	212001253		3632.37	HEBS	25-Jul-15	12.98	6.71	39.83	3786	G12	
9	1	G-12	30-Jul-15	58/58	NHEBS-04	212001254		3878.28	HEBS	27-Jul-15	13.42	6.23	40.81	3817	G12	
10	1	G-12	31-Jul-15	58/53	NHEBS-07	212001255		3633.14	HEBS	30-Jul-15	14.02	6.14	40.86	3801	G12	
						212001256		3270.06	HEBS	31-Jul-15	13.68	6.57	39.15	3920	G12	

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

Date

SIGNATURE OF REP.
NAME
NAME OF PURCHASE/
CONSUMER

SIGNATURE OF REP. *Dharendra 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

Received
08/08/15

K C SHARMA & Co.

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

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

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

Annexure -IV

NAME OF COAL COMPANY: ICL
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		Quinty as per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on equ. condition of 60%RH & 40 OC temp				
						No	Date				TM%	MM%	A%	GCV	Gr
1	3	G-12	5-Jul-15	59/52	MGBK-01	261009918		3354.06	MGBK	5-Jul-15	12.28	6.29	38.72	3952	G12
2	3	G-12	6-Jul-15	58/53	MGBK-02	261009921		3323.77	MGBK	6-Jul-15	12.88	6.39	38.83	3918	G12
3	4	G-12	7-Jul-15	58/58	MGBK-03	261009929		3769.19	MGBK	7-Jul-15	13.58	6.45	38.48	3921	G12
4	3	G-12	8-Jul-15	59/59	MGBK-04	261009933		3697.51	MGBK	8-Jul-15	13.86	6.09	40.39	3750	G12
5	2	G-12	8-Jul-15	59/57	MGBK-05	261009938		3388.95	MGBK	8-Jul-15	13.96	6.52	39.22	3867	G12
6	1	G-12	9-Jul-15	58/58	MGBK-06	261009937		3645.92	MGBK	9-Jul-15	14.03	6.21	40.34	3783	G12
7	3	G-12	11-Jul-15	59/57	MGBK-08	261009953		3623.74	MGBK	11-Jul-15	13.74	5.98	39.07	3908	G12
8	2	G-12	12-Jul-15	58/58	NMGBK-01	261009959		4076.59	MGBK	12-Jul-15	13.81	6.21	39.69	3858	G12
9	3	G-12	16-Jul-15	59/58	MGBK-13	261009977		3764.72	MGBK	16-Jul-15	13.62	6.16	38.87	3936	G12
10	2	G-12	16-Jul-15	58/58	MGBK-14	261009983		3712.00	MGBK	16-Jul-15	13.73	6.44	40.30	3775	G12
11	1	G-12	17-Jul-15	59/59	MGBK-15	261009982		3891.72	MGBK	17-Jul-15	13.51	6.48	39.61	3845	G12
12	3	G-12	18-Jul-15	58/58	MGBK-17	261009992		3522.72	MGBK	18-Jul-15	13.91	6.11	38.84	3943	G12
13	3	G-12	18-Jul-15	59/59	MGBK-18	261009998		3802.62	MGBK	19-Jul-15	13.72	6.34	38.95	3923	G12
14	2	G-12	20-Jul-15	58/57	MGBK-19	261010009		3233.23	MGBK	20-Jul-15	14.11	6.13	39.69	3913	G12
15	4	G-12	20-Jul-15	59/58	MGBK-21	261010007		3757.13	MGBK	20-Jul-15	13.58	6.21	40.98	3768	G12
16	1	G-12	21-Jul-15	58/57	MGBK-22	261010013		2902.83	MGBK	21-Jul-15	13.33	5.98	38.81	3967	G12
17	4	G-12	22-Jul-15	58/57	MGBK-24	261010027		3739.32	MGBK	22-Jul-15	13.81	6.29	39.75	3866	G12
18	2	G-12	24-Jul-15	59/57	NMGBK-03	261010033		4134.15	MGBK	24-Jul-15	13.38	6.06	40.04	3834	G12
19	1	G-12	25-Jul-15	59/59	NMGBK-04	261010043		3887.54	MGBK	25-Jul-15	14.36	5.99	39.09	3957	G12
20	3	G-12	26-Jul-15	59/59	MGBK-28	261010046		3985.69	MGBK	26-Jul-15	14.41	6.23	40.04	3830	G12
21	3	G-12	27-Jul-15	59/59	MGBK-30	261010054		3797.22	MGBK	27-Jul-15	14.52	6.15	38.72	3953	G12
22	2	G-12	27-Jul-15	59/58	MGBK-31	261010057		4004.49	MGBK	27-Jul-15	14.27	6.41	39.47	3903	G12
23	3	G-12	28-Jul-15	59/59	MGBK-34	261010061			MGBK	28-Jul-15	14.36	6.45	40.00	3786	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. *M. S. Sahoo*
NAME *M. S. Sahoo*
NAME OF PURCHASER/ CONSUMER

SIGNATURE OF REP. *Shivendra Kumar Sahoo*
NAME *Shivendra Kumar 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 Lfashan Nagar
Gandhidham (Kutchh) 370201 Phone No.02836224300

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

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

NAME OF COAL COMPANY: MCL
ANALYSIS LABORATORY: JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 OC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	1	G-12	1-Jul-15	59/59	MTSS-01	212001239		3957.00	MTSS	1-Jul-15	12.54	5.97	42.00	3754	G12
2	2	G-12	17-Jul-15	59/59	MTSS-06	212001248		3807.48	MTSS	17-Jul-15	13.58	6.46	39.88	3897	G12
3	2	G-12	20-Jul-15	57/57	MTSS-07	212001249		3990.40	MTSS	20-Jul-15	13.02	6.16	40.83	3785	G12
4	2	G-12	24-Jul-15	59/59	MTSS-08	212001252		3895.48	MTSS	24-Jul-15	13.86	6.48	39.87	3849	G12

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

Date _____

SIGNATURE OF REP.
NAME
NAME OF PURCHASER/CONSUMER



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

Dhivendra Kumar Choudhary

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

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

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

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

Annexure -IV

NAME OF COAL COMPANY: MCL

ANALYSIS LABORATORY: JAGANNATH COLLIERY

SL No	Name of Siding/Colliery/Loading Point	Sized & Declared GCV/Gr	Date of Loading	No of Wags	Rake No	Railway Receipt		Qty as per R.R	Destination PHS/ Consumer	Sample collection date	Analysis result on equ.condition of 60%RH & 40 OC temp				
						No	Date				TM%	M%	A%	GCV	Gr
1	1	G-12	4-Jul-15	59/56	TPL-04	261009903		3413.34	TPL	4-Jul-15	12.65	6.63	37.95	3958	G12
2	3	G-12	9-Jul-15	58/58	TPL-07	261009936		3613.72	TPL	8-Jul-15	12.48	6.28	39.11	3927	G12
3	2	G-12	10-Jul-15	59/57	TPL-09	261009948		3505.14	TPL	10-Jul-15	12.54	6.11	38.85	3801	G12
4	4	G-12	17-Jul-15	58/57	TPL-13	261009984		3532.73	TPL	17-Jul-15	12.10	6.64	39.97	3778	G12
5	2	G-12	23-Jul-15	59/54	TPL-14	261009995		3314.66	TPL	18-Jul-15	12.87	6.45	38.94	3877	G12
6	2	G-12	25-Jul-15	59/56	TPL-17	261010037		3391.03	TPL	23-Jul-15	12.99	6.51	39.92	3763	G12
7	4	G-12	25-Jul-15	58/58	TPL-19	261010048		3675.12	TPL	25-Jul-15	13.26	6.36	39.44	3825	G12
8	2	G-12	25-Jul-15	58/56	TPL-20	261010045		3441.94	TPL	25-Jul-15	13.20	6.52	38.88	3873	G12
9	3	G-12	29-Jul-15	59/57	TPL-24	261010065		3551.93	TPL	29-Jul-15	14.17	6.32	39.16	3853	G12

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

SIGNATURE OF REP.
NAME *GISON KUMAR RAY*
NAME OF PURCHASER/
CONSUMER

SIGNATURE OF REP.
NAME *Dr. Hemendra Kumar 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 :- JULY-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	5	G-12	06-07-2015	MTSS-02	212001418	4009.92	13.08	6.39	39.68	3861	G-12
2	5	G-12	08-07-2015	MTSS-03	212001419	3943.52	13.17	6.48	39.43	3857	G-12
3	6	G-12	11-07-2015	MTSS-04	212001421	3891.13	13.51	6.09	39.86	3837	G-12
4	6	G-12	13-07-2015	MTSS-05	212001422	3851.58	12.99	6.63	38.84	3804	G-12
5	6	G-12	30-07-2015	MTSS-09	212001429	3874.37	13.48	6.48	39.39	3809	G-12

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.

B.N. Patnayak
SIGNATURE OF REP
NAME: -B.N.PATNAYAK
NAME OF COAL CO: MCL
CHEMIST

R Mohanta
SIGNATURE OF REP
NAME: - R MOHANTA
NAME OF PURCHASER/CONSUMER

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

MCL, Bharatpur Project
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 Life 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 :- JULY-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	5	G-12	07-02-2015	TPL(B)-01	261008663	3660.91	13.39	6.52	39.29	3833	G-12
2	6	G-12	07-02-2015	TPL(B)-02	261008665	3718.41	13.99	6.45	39.49	3803	G-12
3	6	G-12	07-02-2015	TPL(B)-03	261008671	3526.86	13.68	6.56	39.43	3772	G-12
4	8	G-12	05-07-2015	TPL(B)-05	261005417	3562.89	13.48	6.55	38.96	3853	G-12
5	8	G-12	06-07-2015	TPL(B)-06	261005423	3567.77	13.14	6.49	39.20	3781	G-12
6	7	G-12	09-07-2015	TPL(B)-08	241000314	3712.00	14.26	6.27	39.16	3839	G-12
7	8	G-12	13-07-2015	TPL-11	261005440	3439.99	13.81	6.49	39.08	3798	G-12
8	8	G-12	16-07-2015	TPL(B)-12	261005448	3868.24	13.99	6.45	39.49	3803	G-12
9	7	G-12	20-07-2015	TPL(B)-15	261005462	3351.19	13.43	6.69	39.12	3791	G-12
10	8	G-12	21-07-2015	TPL(B)-16	261005464	3447.78	13.68	6.58	39.77	3789	G-12

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: - S. SIR RAY
 NAME OF PURCHASER/ CONSUMER


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

Distribution: Coal Company

1. Concerned Area GM
2. Office of the GM (QC)
1. 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 :- JULY-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
11	7	G-12	24/07/2015	TPL(B)-18	261005473	3265.08	14.15	6.39	39.28	3751	G-12
12	7	G-12	25/07/2015	TPL(B)-21	261005479	3671.91	14.39	6.49	39.15	3796	G-12
13	8	G-12	29/07/2015	TPL(B)-23	261005491	3508.86	14.22	6.55	38.97	3835	G-12
14	6	G-12	07/12/2015	TPL(B)-10	261008716	3575.68	13.59	6.57	39.40	3801	G-12
15	5	G-12	28/7/2015	TPL(B)-22	261008775	3548.60	13.90	6.44	39.01	3800	G-12

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: - SISHU RAY
 NAME OF PURCHASER/CONSUMER


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

Distribution: Coal Company

1. Concerned Area GM

2. Office of the GM (QC)

1. 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 :-JULY-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	01-07-2015	SEBD-01	261008659	3631.24	13.02	6.31	39.59	3797	G-12
2	6	G-12	01-07-2015	SEBD-02	261008661	3697.02	12.89	6.46	40.09	3776	G-12
3	7	G-12	04-07-2015	SEBD-03	261005411	3557.84	12.32	6.08	41.40	3761	G-12
4	6	G-12	05-07-2015	SEBD-04	261008683	3859.21	12.51	6.23	40.54	3763	G-12
5	6	G-12	06-07-2015	SEBD-07	261008689	3730.52	13.11	6.31	39.88	3762	G-12
6	7	G-12	08-07-2015	SEBD-09	261005425	3429.51	12.98	6.41	40.88	3754	G-12
7	8	G-12	08-07-2015	SEBD-10	261005426	3438.89	12.59	6.33	40.65	3774	G-12
8	8	G-12	11-07-2015	SEBD-14	261005431	3803.20	13.98	6.41	40.45	3732	G-12
9	8	G-12	12-07-2015	SEBD-15	261005434	3711.14	14.21	6.32	39.97	3750	G-12
10	7	G-12	12-07-2015	SEBD-16	261005435	3697.35	13.79	6.09	40.17	3712	G-12

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: -

NAME OF PURCHASER / CONSUMER



SIGNATURE OF REP

NAME: - *S.K. Sahu*

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- IV

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

LOADING END ANALYSIS REPORT FOR DISTRIBUTION


NAME OF COAL COMPANY:- MCL

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


AREA: - BHARATPUR AREA

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
11	5	G-12	13-07-2015	SEBD-17	261008717	3646.61	13.41	6.14	39.40	3770	G-12
12	8	G-12	13-07-2015	SEBD-18	261005438	3658.10	13.01	6.22	41.66	3732	G-12
13	7	G-12	14-07-2015	SEBD-19	261005442	3184.19	13.71	6.11	41.24	3748	G-12
14	7	G-12	17-07-2015	SEBD-20	261005447	3896.91	13.08	6.39	40.43	3756	G-12
15	5	G-12	18-07-2015	SEBD-23	261008732	3733.74	12.62	6.30	39.00	3876	G-12
16	6	G-12	18-07-2015	SEBD-24	261008734	3565.94	12.90	6.48	39.28	3806	G-12
17	5	G-12	19-07-2015	SEBD-25	261008737	3742.47	13.68	6.49	39.69	3828	G-12
18	8	G-12	20-07-2015	SEBD-26	261005459	3586.61	12.68	6.24	40.34	3777	G-12
19	8	G-12	22-07-2015	SEBD-28	261005465	3641.44	14.35	6.60	39.73	3784	G-12
20	7	G-12	22-07-2015	SEBD-29	261005468	3370.69	14.30	6.43	40.41	3749	G-12

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: -
NAME OF PURCHASER/ CONSUMER




SIGNATURE OF REP
NAME: - *S. K. Saha*
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 JULY-2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

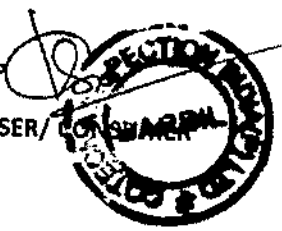
AREA: - BHARATPUR AREA

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	8	G-12	23-07-2015	SEBD-31	261005470	3273.04	14.15	6.42	40.12	3759	G-12
22	7	G-12	25-07-2015	SEBD-32	261005478	3490.91	14.22	6.27	39.74	3801	G-12
23	8	G-12	26-07-2015	SEBD-33	261005480	3379.11	14.39	6.52	39.86	3764	G-12
24	8	G-12	27-07-2015	SEBD-34	261005482	3178.77	14.59	6.39	40.39	3776	G-12
25	8	G-12	27-07-2015	SEBD-35	261005484	3519.00	14.11	6.40	39.55	3785	G-12
26	7	G-12	30-07-2015	SEBD-36	261005496	3638.83	14.15	6.39	39.79	3773	G-12
27	6	G-12	31-07-2015	N-SEBD-01	261008789	4049.28	14.40	6.24	39.86	3814	G-12

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 is enclosed.

SIGNATURE OF REP
NAME: -
NAME OF PURCHASER/



SIGNATURE OF REP
NAME: - *S.K. Sharma*
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 Lifa 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 JULY-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
11	6	G-12	23-07-2015	MGBK-26	261008762	3869.62	13.90	6.49	39.92	3798	G-12
12	5	G-12	24-07-2015	MGBK-27	261008765	3848.24	14.21	6.44	39.94	3766	G-12
13	8	G-12	25-07-2015	MGBK-29	261005477	3291.56	14.21	6.25	39.93	3757	G-12
14	6	G-12	28-07-2015	MGBK-32	261008774	3760.02	13.93	6.11	39.81	3802	G-12
15	7	G-12	29-07-2015	MGBK-33	261005487	3575.33	13.99	6.52	39.46	3800	G-12
16	6	G-12	29-07-2015	MGBK-35	261008780	3502.94	14.14	6.51	40.34	3777	G-12
17	6	G-12	29-07-2015	N-MGBK-05	261008779	4053.20	14.51	6.33	39.24	3828	G-12
18	6	G-12	29-07-2015	N-MGBK-06	261008783	3885.70	14.15	6.37	39.71	3814	G-12
19	8	G-12	30-07-2015	MGBK-36	261005495	3202.45	14.21	6.48	39.50	3783	G-12
20	6	G-12	31-07-2015	MGBK-37	261008786	3834.39	14.45	6.36	39.60	3805	G-12
21	8	G-12	31-07-2015	MGBK-38	261005499	3547.44	14.19	6.59	39.34	3798	G-12

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: *[Signature]*
NAME OF PURCHASER/CONSUMER



[Signature]

SIGNATURE OF REP
NAME: - *[Signature]*
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 :-JULY-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	5	G-12	07-04-2015	NT-06	261008680	3725.67	----	6.34	39.42	3838	G-12
2	7	G-12	03-07-2015	NT-01	261005406	4005.01	----	6.54	39.71	3839	G-12
3	8	G-12	04-07-2015	NT-04	261005412	3637.22	----	6.46	39.90	3778	G-12
4	8	G-12	16-07-2015	NT-12	261005444	3776.00	----	6.55	38.97	3868	G-12
5	6	G-12	23-07-2015	NT-16	261008758	3660.72	----	6.57	39.42	3759	G-12
6	7	G-12	24-07-2015	NT-17	261005472	3218.37	----	6.48	39.73	3736	G-12
7	5	G-12	29-07-2015	NT-21	261008778	3547.60	----	6.59	39.11	3826	G-12

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.

Siber
SIGNATURE OF REP
NAME: - *Sivananda Saha*
NAME OF PURCHASER/ CONSUMER

**CHEMIST
NALCO (NT)**

Seel
SIGNATURE OF REP
NAME: - *S. S. Saha*
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 1/1

RECONCILE STATEMENT OF BHARATPUR AREA AND NTPC (TTPS) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5,6,7 & 8.
FOR THE MONTH OF JUNE-2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT				NTPC TTPS (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
1	TTPS-01	5	01.07.2015	3349.29	13.24	6.49	39.74	3749	G-12	6.15	40.82	3767	G-12	
2	TTPS-09	7	06.07.2015	3712.00	13.15	6.48	39.4	3781	G-12	6.25	41.83	3711	G-12	
3	TTPS-15	7	10.07.2015	3712.00	13.96	6.46	39.26	3777	G-12	6.35	40.34	3792	G-12	
4	TTPS-16	5	11.07.2015	3445.06	13.52	6.57	39.63	3757	G-12	6.40	41.07	3740	G-12	
5	TTPS-18	7	16.07.2015	3228.00	13.38	6.42	39.3	3830	G-12	6.15	40.89	3730	G-12	
6	TTPS-19	8	17.07.2015	3648.45	13.27	6.44	39.65	3794	G-12	6.11	41.27	3712	G-12	
7	TTPS-22	7	18.07.2015	3159.58	13.68	6.06	39.64	3875	G-12	6.08	41.01	3734	G-12	
8	TTPS-27	8	21.07.2015	3425.32	14.39	6.6	39.87	3817	G-12	6.15	40.91	3752	G-12	
9	TTPS-31	8	23.07.2015	3770.00	14.22	6.44	39.9	3812	G-12	6.20	41.02	3741	G-12	
10	TTPS-34	8	25.07.2015	3117.69	14.21	6.53	39.63	3793	G-12	6.19	39.37	3786	G-12	
11	TTPS-35	6	26.07.2015	3639.23	14.56	6.42	39.61	3780	G-12	6.26	40.48	3759	G-12	
12	TTPS-37	6	28.07.2015	3356.96	13.29	6.4	39.49	3711	G-12	6.19	40.09	3776	G-12	
13	TTPS-38	7	29.07.2015	3744.08	14.45	6.44	39.27	3762	G-12	6.25	40.88	3736	G-12	
14	TTPS-39	8	30.07.2015	3394.43	14.14	6.64	39.64	3783	G-12	6.21	41.25	3737	G-12	
15	TTPS-41	5	31.07.2015	3533.52	14.34	6.48	39.73	3736	G-12	6.25	40.68	3778	G-12	



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 :-JULY-2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION
NAME OF COAL COMPANY:- MCL

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

AREA: - BHARATPUR AREA

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	10-07-2015	MGBK-07	261008703	3918.28	14.52	6.53	40.65	3762	G-12
2	6	G-12	12-07-2015	MGBK-09	261008713	3805.82	13.43	6.32	40.03	3778	G-12
3	7	G-12	13-07-2015	MGBK-10	261005436	3862.37	13.09	6.19	40.55	3746	G-12
4	5	G-12	13-07-2015	MGBK-11	261008720	3748.81	14.11	6.32	39.97	3750	G-12
5	8	G-12	15-07-2015	MGBK-12	261005443	3489.04	14.01	6.31	40.92	3736	G-12
6	8	G-12	18-07-2015	MGBK-16	261005453	3875.73	14.09	6.46	39.72	3809	G-12
7	7	G-12	19-07-2015	MGBK-20	261005457	3215.39	14.13	6.29	39.93	3778	G-12
8	7	G-12	21-07-2015	MGBK-23	211007508	3074.43	13.14	6.33	41.15	3743	G-12
9	5	G-12	21-07-2015	N-MGBK-02	241000501	4034.83	14.26	6.64	39.74	3782	G-12
10	6	G-12	23-07-2015	MGBK-25	261008755	3725.03	14.18	6.49	39.81	3793	G-12

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: *[Signature]*
NAME OF PURCHASER: *[Signature]*



[Signature]
SIGNATURE OF REP
NAME: - *S. K. Sharma*
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 :-JULY-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	10-07-2015	N-BTPC-01	262002593	2839.32	13.55	6.54	39.33	3833	G-12
2	7	G-12	13-07-2015	BTPC-01	262001425	3506.22	13.67	6.59	39.54	3780	G-12
3	7	G-12	17-07-2015	BTPC-02	262001426	3705.56	13.39	6.56	39.48	3784	G-12
4	8	G-12	20-07-2015	BTPC-(B)-03	262001427	3528.57	12.23	6.48	39.57	3778	G-12
5	6	G-12	22-07-2015	N-BTPC-03	262002627	3327.89	13.59	6.51	38.98	3771	G-12
6	6	G-12	24-07-2015	N-BTPC-05	262002633	3881.30	13.06	6.39	39.28	3751	G-12
7	5	G-12	27-07-2015	N-BTPC-07	262002644	3382.04	13.99	6.63	39.45	3801	G-12
8	5	G-12	31-07-2015	N-BTPC-10	262002655	3645.60	13.43	6.45	39.54	3782	G-12

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: -
NAME OF COAL CO: MCL

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

[Signature]
SIGNATURE OF REP
NAME: - *[Signature]*
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 18 Advance apartment Plot No 134 Ward 12/C 1 9th Block Nagar
Gandhinagar (Kolkata) 700091 Phone No 8296726300

Email ksc.orisha@gmail.com, ksc.dli@gmail.com

Date: _____

BAKEWISE ANALYSIS RESULT OF COAL SAMPLES COLLECTED FROM SIDING NO V, VI, VII & VIII OF BHARATPUR AREA DURING THE PERIOD OF JULY 2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY - **MCL**


ANALYSIS LABORATORY - **COAL ANALYSIS LABORATORY, BHARATPUR PROJECT, (BAL) MCL**

AREA - **BHARATPUR AREA**

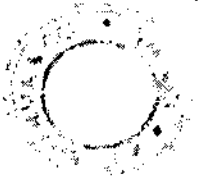
SL.No	Name of siding / colliery / Loading point	Sized and declared GCV/Gr	Date of Loading/ Sampling	Rate/ Sample No	Railway Receipt No	Qty in MT. per RR	T M %	Analysis result on equalized condition at 50% RH & 40 C. temperature			
								Moist %	Ash %	GCV in K.Cal/kg	Grain
1	5	G-12	05-07-2015	N-KPPS-01	262002575	3427.15	13.10	6.34	30.70	3530	12.72
2	6	G-12	07-07-2015	N-KPPS-02	262002583	3575.22	13.04	6.50	30.10	3525	12.70
3	5	G-12	21-07-2015	N-KPPS-03	262002623	3611.21	13.44	6.44	30.22	3512	12.70
4	5	G-12	21-07-2015	N-KPPS-04	262002624	3701.39	12.68	6.40	30.87	3505	12.70
5	5	G-12	23-07-2015	N-KPPS-06	262002629	2832.73	13.02	6.40	30.87	3513	12.70
6	6	G-12	24-07-2015	N-KPPS-08	262002636	1945.96	13.43	6.56	30.18	3500	12.70
7	6	G-12	25-07-2015	N-KPPS-09	262002640	3542.55	14.55	6.60	30.22	3511	12.70

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 2) 1972 for determination of GCV.
3. Wagons statement is enclosed


 SIGNATURE OF REP
 NAME - **Rajesh Sahoo**
 NAME OF PURCHASER/ CONSUMER


 SIGNATURE OF REP
 NAME - **K. C. Sharma**
 NAME OF THE 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.

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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%	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT				NTECL (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
1	NTECL(B)-01	8	02.07.2015	3823.55	13.75	6.32	39.59	3796	G-12	6.10	41.44	3724	G-12	
2	NTECL(B)-03	7	03.07.2015	3749.11	13.49	6.59	39.41	3809	G-12	6.14	40.97	3749	G-12	
3	N-NTECL-06	6	04.07.2015	3882.60	12.98	6.46	39.54	3767	G-12	6.25	41.22	3716	G-12	
4	NTECL(B)-05	7	04.07.2015	3614.15	13.42	6.41	39.26	3758	G-12	6.30	39.65	3847	G-12	
5	NTECL(B)-06	6	04.07.2015	3698.51	13.06	6.48	39.57	3819	G-12	6.42	40.63	3753	G-12	
6	N-NTECL-08	5	05.07.2015	3802.61	13.58	6.49	38.98	3813	G-12	6.28	40.13	3815	G-12	
7	NTECL(B)-07	8	05.07.2015	3449.66	13.49	6.39	39.92	3743	G-12	6.06	40.58	3792	G-12	
8	N-NTECL-10	6	06.07.2015	3953.30	13.65	6.64	39.09	3789	G-12	6.10	40.64	3782	G-12	
9	N-NTECL-12	5	08.07.2015	3903.77	13.65	6.47	39.68	3769	G-12	6.40	39.72	3913	G-12	
10	N-NTECL-13	5	09.07.2015	3928.27	13.82	6.28	39.15	3784	G-12	6.14	40.85	3793	G-12	
11	NTECL(B)-09	5	09.07.2015	3503.54	13.46	6.42	39.51	3780	G-12	6.12	39.93	3734	G-12	
12	NTECL(B)-10	6	09.07.2015	3703.21	12.76	6.53	39.59	3751	G-12	6.42	40.28	3827	G-12	
13	N-NTECL-15	5	10.07.2015	3777.89	13.75	6.47	38.99	3758	G-12	6.55	41.14	3731	G-12	
14	N-NTECL-16	5	10.07.2015	3539.73	13.59	6.42	39.32	3789	G-12	6.38	41.07	3728	G-12	
15	NTECL(B)-16	8	12.07.2015	3375.15	13.74	6.68	39.50	3830	G-12	6.25	41.15	3763	G-12	




 REPRESENTATIVE
 MCL, BPR (K C SHRMA & Co)

COAL ANALYSIS LABORATORY

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

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

FOR THE MONTH OF :- JUNE--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT				NTECL (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
30	N-NTECL-36	6	26.07.2015	3687.31	14.65	6.54	39.49	3782	G-12	6.18	40.97	3766	G-12	
31	N-NTECL-37	6	27.07.2015	3873.48	14.55	6.39	39.26	3814	G-12	6.48	40.34	3781	G-12	
32	NTECL(B)-28	7	28.07.2015	3474.91	14.24	6.63	39.15	3761	G-12	6.00	41.13	3723	G-12	
33	NTECL(B)-29	8	28.07.2015	3600.93	14.20	6.11	39.12	3799	G-12	6.05	41.29	3731	G-12	
34	N-NTECL-39	6	29.07.2015	3715.93	14.60	6.54	39.45	3829	G-12	6.50	40.81	3798	G-12	
35	NTECL(B)-31	8	29.07.2015	3339.15	14.19	6.45	39.57	3755	G-12	6.15	40.77	3792	G-12	
36	NTECL(B)-30	5	29.07.2015	3375.15	14.64	6.33	39.61	3785	G-12	6.27	40.74	3784	G-12	
37	N-NTECL-40	5	30.07.2015	3744.95	14.34	6.58	39.53	3787	G-12	5.96	40.52	3799	G-12	
38	NTECL(B)-32	7	30.07.2015	3692.41	14.51	6.28	39.58	3748	G-12	6.43	41.59	3729	G-12	
39	N-NTECL-41	5	31.07.2015	3949.57	14.32	6.34	39.27	3789	G-12	6.36	40.28	3793	G-12	
40	NTECL(B)-34	8	31.07.2015	3402.97	14.56	6.41	39.02	3798	G-12	6.12	41.36	3720	G-12	
41	N.NTECL-43	6	31.07.2015	3858.00	14.45	6.33	38.94	3812	G-12	6.46	40.66	3795	G-12	



COAL ANALYSIS LABORATORY

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

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RECONCILE STATEMENT OF BHARATPUR AREA AND NTECL (COTECNA) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.
FOR THE MONTH OF :-JUNE--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT				NTECL (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
16	NTECL[B]-15	5	12.07.2015	3321.57	13.32	6.62	39.21	3758	G-12	6.3	40.47	3801	G-12	
17	N-NTECL-20	6	13.07.2015	3753.79	13.42	6.66	38.85	3814	G-12	6.52	40.36	3765	G-12	
18	N-NTECL-22	5	16.07.2015	3927.90	13.81	6.59	39.78	3769	G-12	6.16	41.28	3735	G-12	
19	NTECL(B)-19	8	16.07.2015	3775.00	13.68	6.51	38.96	3775	G-12	6.18	41.55	3710	G-12	
20	NTECL(B)-20	7	19.07.2015	3442.14	13.99	6.56	39.36	3808	G-12	6.2	39.66	3768	G-12	
21	N.NTECL-27	8	19.07.2015	3561.57	14.15	6.41	39.3	3797	G-12	6.43	40.58	3777	G-12	
22	N-NTECL-29	6	20.07.2015	3837.49	14.21	6.54	38.92	3809	G-12	6.22	41.02	3753	G-12	
23	N-NTECL-30	5	20.07.2015	3771.30	14.18	6.67	39.36	3768	G-12	6.5	41.21	3736	G-12	
24	N-NTECL-31	5	21.07.2015	3859.60	13.93	6.54	39.27	3751	G-12	6.25	40.58	3758	G-12	
25	N-NTECL-33	5	22.07.2015	4119.02	13.90	6.48	39.62	3773	G-12	6.3	40.93	3784	G-12	
26	NTECL(B)-23	8	22.07.2015	3501.97	14.49	6.42	39.33	3770	G-12	6.2	39.7	3878	G-12	
27	N-NTECL-34	6	23.07.2015	3773.20	14.48	6.48	39.27	3806	G-12	6.23	40.34	3777	G-12	
28	NTECL(B)-24	8	24.07.2015	3476.22	14.39	6.57	39.44	3759	G-12	5.98	40.68	3814	G-12	
29	NTECL[B]-25	5	25.07.2015	3744.76	14.38	6.41	39.02	3798	G-12	6.5	40.79	3787	G-12	



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COAL ANALYSIS LABORATORY


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

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RECONCILE STATEMENT OF BHARATPUR AREA AND NTPC, SIMHADRI (SMI) 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	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT					NTPC SHIMADRI (COTECNA) ANALYSIS RESULT					REMARKS
					TM%	IM%	ASH%	GCV	GRADE	TM%	IM%	ASH%	GCV	GRADE	
1	SMI-09	7	03.07.2015	3652.74	13.06	6.28	39.58	3748	G-12	13.45	6.21	40.61	3765	G-12	
2	N-SMI-01	5	04.07.2015	3790.70	13.21	6.37	39.31	3799	G-12	13.23	5.95	41.19	3709	G-12	
3	SMI-12	8	05.07.2015	3277.95	13.56	6.54	39.89	3744	G-12	13.52	5.95	40.88	3743	G-12	
4	SMI-13	5	06.07.2015	3285.87	13.83	6.39	39.82	3772	G-12	13.36	6.16	41.61	3719	G-12	
5	N-SMI-03	5	06.07.2015	3470.90	13.21	6.32	39.53	3791	G-12	12.98	6.40	40.21	3776	G-12	
6	SMI-16	5	07.07.2015	3681.91	13.24	6.63	39.50	3776	G-12	13.32	6.30	40.93	3782	G-12	
7	SMI-17	5	07.07.2015	3680.01	13.28	6.44	39.80	3811	G-12	12.96	6.10	39.56	3942	G-12	
8	N-SMI-04	5	07.07.2015	3789.83	13.44	6.36	39.99	3783	G-12	13.60	6.36	40.25	3781	G-12	
9	SMI-15	8	08.07.2015	3182.64	13.06	6.45	38.96	3818	G-12	13.32	6.25	40.46	3782	G-12	
10	SMI-19	6	08.07.2015	3752.41	13.20	6.37	39.73	3840	G-12	13.13	6.18	40.96	3776	G-12	
11	SMI-25	7	10.07.2015	3690.30	12.98	6.49	39.99	3842	G-12	12.96	6.25	39.21	3862	G-12	
12	SMI-31	7	12.07.2015	3474.57	13.68	6.57	39.62	3783	G-12	13.65	6.37	41.50	3739	G-12	
13	SMI-34	8	13.07.2015	3511.40	13.75	6.62	39.62	3758	G-12	13.71	6.21	41.56	3741	G-12	
14	N-SMI-07	5	13.07.2015	3910.30	13.59	6.40	39.49	3711	G-12	13.59	6.18	40.21	3761	G-12	
15	SMI-38	7	17.07.2015	3301.23	13.78	6.62	38.59	3815	G-12	13.77	6.10	40.43	3744	G-12	


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 NTPC, SIMHADRI (COTECNA)


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COAL ANALYSIS LABORATORY


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

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RECONCILE STATEMENT OF BHARATPUR AREA AND NTPC, SIMHADRI (SMI) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.
FOR THE MONTH OF JULY--2015

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SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT					NTPC SHIMADRI (COTECNA) ANALYSIS RESULT					REMARKS
					TM%	IM%	ASH%	GCV	GRADE	TM%	IM%	ASH%	GCV	GRADE	
16	N-SMI-08	5	17.07.2015	3508.64	12.82	6.33	39.94	3819	G-12	13.38	6.13	40.75	3771	G-12	
17	SMI-39	7	18.07.2015	3496.26	13.89	6.48	39.27	3857	G-12	13.86	6.40	41.01	3725	G-12	
18	SMI-47	5	20.07.2015	3037.21	13.91	6.45	38.71	3785	G-12	13.94	6.28	39.61	3768	G-12	
19	SMI-49	5	21.07.2015	3686.91	14.08	6.24	39.47	3792	G-12	14.09	6.40	40.82	3730	G-12	
20	N-SMI-09	6	21.07.2015	3516.06	14.44	6.34	38.87	3820	G-12	14.39	6.26	41.09	3719	G-12	
21	N-SMI-11	5	21.07.2015	3835.40	14.12	6.35	39.57	3870	G-12	14.16	6.21	40.67	3766	G-12	
22	N-SMI-12	5	22.07.2015	3735.48	13.89	6.54	39.05	3856	G-12	13.82	6.56	41.31	3726	G-12	
23	N-SMI-14	5	23.07.2015	3813.86	14.59	6.54	39.79	3774	G-12	14.61	6.42	40.37	3798	G-12	
24	N-SMI-15	6	23.07.2015	3202.37	14.53	6.38	38.87	3794	G-12	14.56	6.40	40.75	3794	G-12	
25	SMI-61	8	27.07.2015	3646.42	14.31	6.54	39.47	3766	G-12	14.31	6.70	40.32	3765	G-12	
26	N-SMI-18	5	27.07.2015	3689.07	14.43	6.37	39.66	3759	G-12	14.56	6.20	41.37	3761	G-12	
27	SMI-64	7	29.07.2015	3555.70	14.45	6.37	39.21	3831	G-12	14.45	6.15	40.73	3739	G-12	
28	N-SMI-21	5	30.07.2015	3576.66	14.55	6.28	39.47	3787	G-12	14.55	6.30	39.73	3747	G-12	


 REPRESENTATIVE
 NTPC, SIMHADRI (COTECNA)


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 MCL, BPR (K C SHRMA & Co)

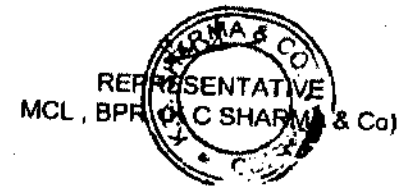
COAL ANALYSIS LABORATORY

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

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RECONCILE STATEMENT OF BHARATPUR AREA AND NTPC (TTPS) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 5, 6, 7 & 8.
FOR THE MONTH OF :- JUNE--2015

SL NO	SAMPLE NO	SIDING NO	DATE OF SAMPLING	RR WEIGHT	TM%	BHARATPUR COAL ANALYSIS LABORATORY (K C SHARMA & Co) ANALYSIS RESULT				NTPC TTPS (COTECNA) ANALYSIS RESULT				REMARKS
						IM%	ASH%	GCV	GRADE	IM%	ASH%	GCV	GRADE	
1	TTPS-01	5	01.07.2015	3349.29	13.24	6.49	39.74	3749	G-12	6.15	40.82	3767	G-12	
2	TTPS-09	7	06.07.2015	3712.00	13.15	6.48	39.4	3781	G-12	6.25	41.83	3711	G-12	
3	TTPS-15	7	10.07.2015	3712.00	13.96	6.46	39.26	3777	G-12	6.35	40.34	3792	G-12	
4	TTPS-16	5	11.07.2015	3445.06	13.52	6.57	39.63	3757	G-12	6.40	41.07	3740	G-12	
5	TTPS-18	7	16.07.2015	3228.00	13.38	6.42	39.3	3830	G-12	6.15	40.89	3730	G-12	
6	TTPS-19	8	17.07.2015	3648.45	13.27	6.44	39.65	3794	G-12	6.11	41.27	3712	G-12	
7	TTPS-22	7	18.07.2015	3159.58	13.68	6.06	39.64	3875	G-12	6.08	41.01	3734	G-12	
8	TTPS-27	8	21.07.2015	3425.32	14.39	6.6	39.87	3817	G-12	6.15	40.91	3752	G-12	
9	TTPS-31	8	23.07.2015	3770.00	14.22	6.44	39.9	3812	G-12	6.20	41.02	3741	G-12	
10	TTPS-34	8	25.07.2015	3117.69	14.21	6.53	39.63	3793	G-12	6.19	39.37	3786	G-12	
11	TTPS-35	6	26.07.2015	3639.23	14.56	6.42	39.61	3780	G-12	6.26	40.48	3759	G-12	
12	TTPS-37	6	28.07.2015	3356.96	13.29	6.4	39.49	3711	G-12	6.19	40.09	3776	G-12	
13	TTPS-38	7	29.07.2015	3744.08	14.45	6.44	39.27	3762	G-12	6.25	40.88	3736	G-12	
14	TTPS-39	8	30.07.2015	3394.43	14.14	6.64	39.64	3783	G-12	6.21	41.25	3737	G-12	
15	TTPS-41	5	31.07.2015	3533.52	14.34	6.48	39.73	3736	G-12	6.25	40.68	3778	G-12	





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 01.07.2015 TO 10.07.2015
 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 13/1.7.15/KOCP	01.07.2015	26212.740	14.21	3.49	41.49	3847	6.45	40.22	3729	G12	
2	NTPC-TALCHER/MGR-01 TO 13 /2.7.15/KOCP	02.07.2015	26223.600	16.43	3.78	42.25	3814	6.40	41.10	3710	G12	
3	NTPC-TALCHER/MGR-01 TO 12 /3.7.15/KOCP	03.07.2015	24264.900	15.26	3.63	42.63	3825	6.20	41.49	3723	G12	
4	NTPC-TALCHER/MGR-01 TO 11/4.7.15/KOCP	04.07.2015	22255.830	15.02	3.96	41.73	3927	6.45	40.65	3825	G12	
5	NTPC-TALCHER/MGR-01 TO 13/5.7.15/KOCP	05.07.2015	24885.100	14.16	3.35	39.72	3929	6.38	38.47	3806	G12	
6	NTPC-TALCHER/MGR-01 TO 14/7.7.15/KOCP	06.07.2015	24865.840	14.36	3.18	38.28	4247	6.56	36.94	4099	G11	
7	NTPC-TALCHER/MGR-01 TO 11/8.7.15/KOCP	07.07.2015	27649.600	16.08	3.38	38.66	3919	6.10	37.57	3809	G12	
8	NTPC-TALCHER/MGR-01 TO 12/9.7.15/KOCP	08.07.2015	21943.540	16.41	3.15	41.26	3861	6.02	40.04	3747	G12	
9	NTPC-TALCHER/MGR-01 TO 12/9.7.15/KOCP	09.07.2015	23908.900	16.56	3.47	38.38	3869	6.74	37.08	3738	G12	
10	NTPC-TALCHER/MGR-01 TO 12/10.7.15/KOCP	10.07.2015	24447.230	15.34	3.03	39.86	3889	6.83	38.30	3737	G12	
		WT/ Average	246657.280	15.38	3.44	40.40	3913	6.41	39.16	3792	G12	

Signature of third Party: Madhumilan De

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



INSPECTORATE

Vasundhara, 3rd Floor

2/7, Sarat Bose Road

Kolkata - 700 020, India

Tel. - +91 33 3051 6600

www.inspectorate.co.in

[Signature]
20.07.15

Samples received for analysis were sealed and jointly signed at Mine End. Proximate analysis has been done in accordance with BIS specification

Signature of the NTPC station
Name.

[Signature]
22/7/2015
KUMAR MISHRA
Dy. Manager (O&M/Chemistry)
एनटीपीसी लिमिटेड / तालचेर कनिहा
NTPC Limited / Talcher Kaniha

Signature of the Coal Company
Name

[Signature]
22/7/15
Sr Mgr/Coal/Siding Jeech



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

DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 11.07.2015 TO 20.07.2015
 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 8/11.7.15/KOCP	11.07.2015	16280.600	14.57	3.52	41.03	3831	6.05	39.95	3731	G12	
2	NTPC-TALCHER/MGR-01 TO 10/12.7.15/KOCP	12.07.2015	20218.840	15.02	3.49	40.51	3900	6.17	39.39	3792	G12	
3	NTPC-TALCHER/MGR-01 TO 08/13.7.15/KOCP	13.07.2015	16067.640	14.26	3.39	40.98	3985	5.96	39.89	3879	G12	
4	NTPC-TALCHER/MGR-01 TO 2/14.7.15/KOCP	14.07.2015	4044.700	16.87	3.65	40.67	3938	5.99	39.68	3842	G12	
5	NTPC-TALCHER/MGR-01 TO 1/15.7.15/KOCP	15.07.2015	1913.600	15.07	3.73	41.80	3962	6.30	40.68	3856	G12	
6	NTPC-TALCHER/MGR-01 TO 11/16.7.15/KOCP	16.07.2015	22254.500	14.14	3.55	39.88	3943	6.01	38.86	3842	G12	
7	NTPC-TALCHER/MGR-01 TO 11/17.7.15/KOCP	17.07.2015	22293.300	15.33	3.95	38.20	4118	6.40	37.23	4013	G11	
8	NTPC-TALCHER/MGR-01 TO 14/18.7.15/KOCP	18.07.2015	28480.160	14.12	3.75	41.41	3876	6.31	40.31	3773	G12	
9	NTPC-TALCHER/MGR-01 TO 13/19.7.15/KOCP	19.07.2015	26399.040	16.88	3.23	40.33	3942	6.10	39.13	3825	G12	
10	NTPC-TALCHER/MGR-01 TO 11/20.7.15/KOCP	20.07.2015	22341.900	15.54	3.43	37.94	3942	6.10	39.13	4117	G11	
		Wt/ Average	180294.280	15.08	3.55	40.05	3981	6.19	38.96	3872	G12	

Recd on 28/7/15

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



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

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

RR weight to be rechecked from MGR.

Signature of the NTPC station
 Name: **ASHUTOSH SHANKER NALIN**
 उप प्रबंधक (प्रत्ता. एवं अनु. / रसायन)
 Dy. Manager (O&M/Chemistry)
 एनटीपीसी लिमिटेड / कानिहा
 NTPC Limited

PAN 30.7.15
 Signature of the Coal Company
 Name: *S. S. Anand*

*Manager Coal
 MCL, Kaniha, Orissa*



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

DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 21.07.2015 TO 31.07.2015
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL KANIHA (KOCP)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	DESPATCH QUANTITY (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS
					IM%	ASH%	GCV(Kcal/Kg)	EQ. MOISTURE%	EQ. ASH%	EQ. GCV(Kcal/Kg)		
1	NTPC-TALCHER/MGR-01 TO 12/21.7.15/KOCP	21.07.2015	24295.710	14.23	3.22	38.13	4063	6.30	36.92	3934	G12	
2	NTPC-TALCHER/MGR-01 TO 12/22.7.15/KOCP	22.07.2015	23624.420	16.08	4.05	37.64	3984	6.63	36.63	3877	G12	
3	NTPC-TALCHER/MGR-01 TO 10/23.7.15/KOCP	23.07.2015	20551.160	13.67	3.68	40.80	4046	6.05	39.80	3946	G12	
4	NTPC-TALCHER/MGR-01 TO 13/24.7.15/KOCP	24.07.2015	25960.690	15.42	3.43	37.13	4155	6.22	36.06	4035	G11	
5	NTPC-TALCHER/MGR-01 TO 9/25.7.15/KOCP	25.07.2015	17268.500	15.35	3.60	36.46	4063	4.24	36.22	4036	G11	
6	NTPC-TALCHER/MGR-01 TO 9/26.7.15/KOCP	26.07.2015	17434.940	14.31	3.62	36.20	4185	6.69	35.05	4052	G11	
7	NTPC-TALCHER/MGR-01 TO 11/27.7.15/KOCP	27.07.2015	2056.400	15.07	3.75	37.52	4006	6.41	36.48	3895	G12	
8	NTPC-TALCHER/MGR-01 TO 11/28.7.15/KOCP	28.07.2015	4037.800	14.88	3.42	39.53	4097	6.40	38.31	3971	G12	
9	NTPC-TALCHER/MGR-01 TO 11/29.7.15/KOCP	29.07.2015	14201.370	14.24	3.78	39.53	3993	6.40	38.45	3884	G12	
10	NTPC-TALCHER/MGR-01 TO 11/30.7.15/KOCP	30.07.2015	18218.100	15.75	4.28	41.29	3822	6.48	40.34	3734	G12	
11	NTPC-TALCHER/MGR-01 TO 9/31.7.15/KOCP	31.07.2015	18116.800	15.89	3.77	39.18	3998	6.34	38.13	3891	G12	
	Wt/ Average		185765.890	15.02	3.69	38.43	4040	6.18	37.44	3936	G12	

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



INSPECTORATE
 Vasudhara, 3rd Floor
 2/7, Sarat Bose Road
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 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.

Dy. Manager (O&M/Chemistry)
 एनटीपीसी लिमिटेड/सारापूर कनिहा
 NTPC Limited / Talcher Kaniha

Signature of the Coal Company
 Name

11-8-15

11
 12/12/2015
 12/12/2015

Area - vi



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

DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 01.07.2015 TO 10.07.2015
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL (Railway Rake)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	NO. OF WAGONS	RR NUMBER & DATE	RR WEIGHT (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS
							MM%	ASH%	GCV (Kcal/Kg)	EQ. Moisture%	EQ. ASH%	EQ. GCV (Kcal/Kg)		
1	NTPC-TALCHER/MNKT-11/01.7.15/LOCP-2	01.07.2015	56	261001203/1.7.15	3448.740	15.20	3.60	40.68	3889	6.60	39.41	3768	G12	
2	NTPC-TALCHER/MNKT-01/01.7.15/LOCP-2	01.07.2015	53	261001204/1.7.15	3235.370	16.16	3.49	44.81	3591	6.85	43.25	3466	G13	
3	NTPC-TALCHER/MNKT-02/01.7.15/LOCP-2	01.07.2015	56	261001205/1.7.15	3338.640	15.30	3.44	45.24	3555	6.90	43.62	3428	G13	
4	NTPC-TALCHER/MNKT-03/01.7.15/LOCP-2	01.07.2015	56	261001206/2.7.15	3312.040	17.40	3.02	42.69	3882	6.70	41.07	3735	G12	
5	NTPC-TALCHER/MNKT-04/01.7.15/LOCP-2	01.07.2015	53	261001207/2.7.15	3390.000	13.10	3.77	42.95	3847	6.73	41.63	3729	G12	
6	NTPC-TALCHER/MNKT-05/02.7.15/LOCP-2	02.07.2015	56	261001208/2.7.15	3299.940	13.20	3.69	42.01	3835	6.33	40.86	3730	G12	
7	NTPC-TALCHER/MNKT-06/02.7.15/LOCP-2	02.07.2015	56	261001209/3.7.15	3426.440	15.60	2.90	40.60	4088	6.50	39.09	3936	G12	
8	NTPC-TALCHER/MNKT-07/02.7.15/LOCP-2	02.07.2015	53	261001210/3.7.15	3285.270	12.50	2.90	43.37	3888	6.16	41.91	3757	G12	
9	NTPC-TALCHER/MNKT-08/02.7.15/LOCP-2	02.07.2015	56	261001211/3.7.15	3431.440	14.60	3.17	42.9	3845	6.20	41.56	3725	G12	
10	NTPC-TALCHER/MNKT-09/03.7.15/LOCP-2	03.07.2015	56	261001212/3.7.15	3291.640	13.50	3.63	39.91	3714	6.00	38.93	3623	G13	
11	NTPC-TALCHER/MNKT-10/03.7.15/LOCP-2	03.07.2015	53	261001213/3.7.15	3344.370	14.00	2.91	41.96	3953	6.19	40.54	3819	G12	
12	NTPC-TALCHER/MNKT-11/03.7.15/LOCP-2	03.07.2015	56	261001214/3.7.15	3497.240	15.20	3.21	41.92	3849	5.76	40.82	3748	G12	
13	NTPC-TALCHER/MNKT-12/03.7.15/LOCP-2	03.07.2015	56	261001215/4.7.15	3485.340	17.50	3.76	41.49	3919	6.10	40.48	3824	G12	
14	NTPC-TALCHER/MNKT-13/03.7.15/LOCP-2	03.07.2015	53	261001216/4.7.15	3164.370	12.50	3.25	41.22	3997	6.40	39.88	3867	G12	
15	NTPC-TALCHER/MNKT-14/04.7.15/LOCP-2	04.07.2015	56	261001217/4.7.15	3495.650	13.20	3.68	40.60	3898	6.19	39.54	3796	G12	
16	NTPC-TALCHER/MNKT-15/04.7.15/LOCP-2	04.07.2015	53	261001218/4.7.15	3574.240	14.00	3.14	39.69	3933	6.20	38.44	3809	G12	
17	NTPC-TALCHER/MNKT-16/04.7.15/LOCP-2	04.07.2015	55	261001219/5.7.15	3307.370	15.30	3.53	41.77	3950	6.25	40.59	3839	G12	
18	NTPC-TALCHER/MNKT-17/04.7.15/LOCP-2	04.07.2015	58	261001220/5.7.15	3457.86	12.50	3.14	42.95	3893	6.01	41.68	3778	G12	
19	NTPC-TALCHER/MNKT-18/04.7.15/LOCP-2	04.07.2015	56	261001221/5.7.15	3516.910	12.80	3.83	38.38	3936	6.00	37.51	3847	G12	
20	NTPC-TALCHER/MNKT-19/05.7.15/LOCP-2	05.07.2015	55	261001222/5.7.15	3516.940	13.00	3.63	42.39	3716	6.13	41.29	3620	G13	
21	NTPC-TALCHER/MNKT-20/05.7.15/LOCP-2	05.07.2015	56	261001223/5.7.15	3454.450	13.50	3.42	42.66	3824	6.03	41.51	3721	G12	
22	NTPC-TALCHER/MNKT-21/05.7.15/LOCP-2	05.07.2015	56	261001224/6.7.15	3520.740	15.60	3.03	43.47	3563	6.20	42.05	3447	G13	
23	NTPC-TALCHER/MNKT-22/05.7.15/LOCP-2	05.07.2015	58	261001227/6.7.15	3575.110	14.60	3.54	44.15	3663	6.10	42.98	3566	G13	
24	NTPC-TALCHER/MNKT-23/05.7.15/LOCP-2	05.07.2015	55	261001225/6.7.15	3427.050	17.50	3.61	39.41	3966	6.43	38.26	3850	G12	
25	NTPC-TALCHER/MNKT-24/06.7.15/LOCP-2	06.07.2015	58	261001226/6.7.15	3474.850	16.30	3.55	38.03	3928	5.92	37.10	3831	G12	
26	NTPC-TALCHER/MNKT-25/06.7.15/LOCP-2	06.07.2015	55	261001228/6.7.15	3817.310	13.20	3.22	42.15	3859	6.30	40.81	3736	G12	
27	NTPC-TALCHER/MNKT-26/06.7.15/LOCP-2	06.07.2015	55	261001229/7.7.15	3464.350	14.20	3.36	39.33	3821	5.90	38.30	3721	G12	
28	NTPC-TALCHER/MNKT-27/06.7.15/LOCP-2	06.07.2015	55	261001231/7.7.15	3466.250	14.50	3.60	39.17	3866	6.29	38.08	3758	G12	
29	NTPC-TALCHER/MNKT-28/07.7.15/LOCP-2	07.07.2015	58	261001232/7.7.15	3479.150	14.20	3.52	39.43	3878	6.35	37.19	3736	G12	
30	NTPC-TALCHER/MNKT-29/07.7.15/LOCP-2	07.07.2015	55	261001233/7.7.15	3459.150	13.90	3.68	42.74	3848	6.15	41.64	3749	G12	
31	NTPC-TALCHER/MNKT-30/07.7.15/LOCP-2	07.07.2015	55	261001235/8.7.15	3728.410	14.80	2.94	44.60	3686	6.50	42.96	3551	G13	
32	NTPC-TALCHER/MNKT-31/07.7.15/LOCP-2	07.07.2015	55	261001234/8.7.15	3440.050	15.20	3.30	40.71	3873	6.35	39.43	3751	G12	
33	NTPC-TALCHER/MNKT-32/08.7.15/LOCP-2	08.07.2015	55	261001236/8.7.15	3335.750	15.30	3.33	42.53	3741	6.17	41.28	3631	G13	
34	NTPC-TALCHER/MNKT-33/08.7.15/LOCP-2	08.07.2015	57	261001237/8.7.15	3640.720	10.70	3.10	41.77	3848	6.13	40.46	3728	G12	
35	NTPC-TALCHER/MNKT-34/08.7.15/LOCP-2	08.07.2015	54	261001239/9.7.15	3455.160	12.60	3.28	36.60	3993	6.42	35.41	3863	G12	



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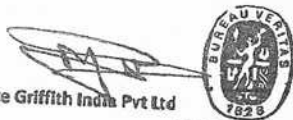
आशुतोष चंद्रमणि
 ASST. COMMISSIONER
 MCL (Railway Rake)

Area - vi

39	NTPC-TALCHER/MNKT-36/08.7.15/LOCP-1	08.07.2015	55	261001238/9.7.15	3398.850	14.60	3.42	38.26	3876	6.81	36.92	3740	G11
40	NTPC-TALCHER/MNKT-37/09.7.15/LOCP-2	09.07.2015	57	261001240/9.7.15	3511.820	13.20	3.20	39.77	3857	6.15	38.56	3739	G11
41	NTPC-TALCHER/MNKT-38/09.7.15/LOCP-2	09.07.2015	55	261001241/10.7.15	3447.950	14.00	3.01	43.99	3766	6.59	42.37	3627	G13
42	NTPC-TALCHER/MNKT-39/09.7.15/LOCP-2	10.07.2015	54	261001243/10.7.15	3338.360	15.30	3.32	42.47	3842	5.90	41.34	3739	G12
43	NTPC-TALCHER/MNKT-40/09.7.15/LOCP-2	10.07.2015	57	261001244/10.7.15	3475.330	13.40	3.87	41.77	3852	6.5	40.63	3747	G12
44	NTPC-TALCHER/MNKT-41/09.7.15/LOCP-2	10.07.2015	54	261001247/10.7.15	3475.330	16.30	2.97	43.07	3840	6.04	41.71	3719	G12
45	NTPC-TALCHER/MNKT-42/09.7.15/LOCP-2	10.07.2015	55	261001246/11.7.15	3440.250	16.80	3.82	42.58	3728	6.15	41.55	3638	G13
Total Rakes = 43				Wt/Average	148131.510	14.86	3.38	41.49	3840	6.28	40.24	3725	G12

Signature of third Party: Madhumilan De

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



INSPECTORATE
Vasudhara, 3rd Floor
2/7, Sarat Bose Road
Kolkata - 700 020, India
Tel. - +91 33 3051 6600

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- 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

Recd on 22/7/15
Signature of the NTPC station
Name.

Signature of the Coal Company
Name

आशुतोष शंकर नलिन
ASHUTOSH SHANKER NALIN
अध्यक्ष (प्रला. एवं अन्./रसायन)
Dy. Manager (O&M/Chemistry)
एनटीपीसी लिमिटेड/तालचंदर कनिहा
NTPC Limited / Talcher Kaniha

Quantity to be verified from MGR.

Received
22/7/15

Forwarded to PO, LOCP for kind information and on a plate.

Area Sales Manager
MCL
22/7/15



M/S Inspectorate Griffith India Pvt Ltd
 Plot no: 211, Sector - A, Zone - B, Mancheswar Industrial Area, Bhubaneswar - 751010
 Client's Name: NTPC - Kaniha
 DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 11.07.2015 TO 20.07.2015
 LOADING END ANALYSIS REPORT

Amex - vi

NAME OF COAL COMPANY : MCL (Railway Rake)

SL. NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	NO. OF WAGONS	RR NUMBER & DATE	RR WEIGHT (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS	
							HM%	ASH%	GCV (Kcal/Kg)	EQ. Moisture%	EQ. ASH%	EQ. GCV (Kcal/Kg)			
1	NTPC-TALCHER/MNKT-43/11.7.15/LOCP-2	11.07.2015	56	261001245/11.7.15	3345.930	12.60	3.00	41.81	3848	5.90	40.56	3733	G12		
2	NTPC-TALCHER/MNKT-44/11.7.15/LOCP-2	11.07.2015	54	261001248/11.7.15	3412.460	13.60	3.10	39.95	3993	6.26	38.65	3863	G12		
3	NTPC-TALCHER/MNKT-45/11.7.15/LOCP-2	11.07.2015	55	261001249/12.7.15	3521.150	14.50	3.91	41.00	3693	6.06	40.08	3610	G13		
4	NTPC-TALCHER/MNKT-46/11.7.15/LOCP-2	11.07.2015	54	261001250/12.7.15	3390.060	13.60	3.46	41.41	3820	6.02	40.31	3719	G12		
5	NTPC-TALCHER/MNKT-47/12.7.15/LOCP-2	12.07.2015	51	261001251/12.7.15	3076.790	16.20	3.66	45.55	3519	6.30	44.30	3423	G13		
6	NTPC-TALCHER/MNKT-48/12.7.15/LOCP-2	12.07.2015	55	261001252/12.7.15	3336.450	13.60	3.19	41.49	3829	6.20	40.20	3710	G12		
7	NTPC-TALCHER/MNKT-49/12.7.15/LOCP-2	12.07.2015	54	261001253/13.7.15	3381.360	14.60	3.31	40.20	3854	6.19	39.00	3739	G12		
8	NTPC-TALCHER/MNKT-50/12.7.15/LOCP-2	12.07.2015	50	261001254/13.7.15	3169.400	15.20	3.01	39.95	3914	6.30	38.59	3781	G12		
9	NTPC-TALCHER/MNKT-51/13.7.15/LOCP-2	13.07.2015	55	261001255/13.7.15	3489.850	14.20	3.49	41.13	3828	6.06	40.03	3726	G12		
10	NTPC-TALCHER/MNKT-52/13.7.15/LOCP-2	13.07.2015	54	261001256/13.7.15	3436.160	14.20	3.82	42.71	3726	6.21	41.65	3633	G13		
11	NTPC-TALCHER/MNKT-53/13.7.15/LOCP-2	13.07.2015	50	261001258/13.7.15	3314.000	16.50	3.33	41.63	3820	6.10	40.44	3711	G12		
12	NTPC-TALCHER/MNKT-54/14.7.15/LOCP-2	14.07.2015	55	261001257/14.7.15	3469.150	14.20	3.45	42.98	3855	6.35	41.69	3739	G12		
13	NTPC-TALCHER/MNKT-55/16.7.15/LOCP-2	16.07.2015	54	261001259/16.7.15	3595.060	13.60	3.15	40.35	3842	6.10	39.12	3725	G12		
14	NTPC-TALCHER/MNKT-56/16.7.15/LOCP-2	16.07.2015	58	261001260/17.7.15	3644.670	13.50	3.12	40.36	3837	6.20	39.08	3715	G12		
15	NTPC-TALCHER/MNKT-57/16.7.15/LOCP-2	16.07.2015	55	261001262/17.7.15	3433.440	13.60	3.46	45.31	3567	6.30	43.98	3462	G13		
16	NTPC-TALCHER/MNKT-58/17.7.15/LOCP-2	17.07.2015	54	261001261/17.7.15	3248.860	16.40	3.32	39.43	3874	6.10	38.30	3763	G12		
17	NTPC-TALCHER/MNKT-59/17.7.15/LOCP-2	17.07.2015	58	261001263/17.7.15	3585.670	14.60	3.56	40.51	4010	6.35	39.34	3894	G12		
18	NTPC-TALCHER/MNKT-60/17.7.15/LOCP-2	17.07.2015	56	261001265/18.7.15	3524.340	14.80	3.37	44.74	3571	6.55	43.27	3453	G13		
19	NTPC-TALCHER/MNKT-61/17.7.15/LOCP-2	17.07.2015	53	261001264/18.7.15	3342.270	14.90	3.03	39.40	3979	6.40	38.03	3841	G12		
20	NTPC-TALCHER/MNKT-62/18.7.15/LOCP-2	18.07.2015	59	261001266/18.7.15	3753.030	13.50	3.57	45.94	3615	6.51	44.54	3505	G13		
21	NTPC-TALCHER/MNKT-63/18.7.15/LOCP-2	18.07.2015	55	261001267/19.7.15	3748.740	13.60	3.54	39.33	3890	6.66	38.06	3764	G12		
22	NTPC-TALCHER/MNKT-64/18.7.15/LOCP-2	18.07.2015	53	261001268/19.7.15	3643.070	16.40	3.62	40.7	3735	6.62	39.43	3619	G13		
23	NTPC-TALCHER/MNKT-65/18.7.15/LOCP-2	18.07.2015	59	261001269/19.7.15	3719.130	14.70	3.33	38.23	3950	6.69	36.90	3813	G12		
24	NTPC-TALCHER/MNKT-66/19.7.15/LOCP-2	19.07.2015	53	261001270/19.7.15	3322.970	12.80	3.55	39.72	3876	6.45	38.53	3759	G12		
25	NTPC-TALCHER/MNKT-67/19.7.15/LOCP-2	19.07.2015	58	261001271/19.7.15	3690.420	14.20	3.15	40.2	3840	6.4	38.85	3711	G12		
26	NTPC-TALCHER/MNKT-68/19.7.15/LOCP-2	19.07.2015	59	261001272/20.7.15	3752.53	15.30	2.96	40.8	3950	6.55	39.29	3804	G12		
27	NTPC-TALCHER/MNKT-69/19.7.15/LOCP-2	19.07.2015	59	261001274/20.7.15	3772.16	14.60	3.87	40.70	3850	6.63	39.53	3739	G12		
28	NTPC-TALCHER/MNKT-70/20.7.15/LOCP-2	20.07.2015	58	261001273/20.7.15	3763.52	13.20	2.92	40.65	3960	6.73	39.05	3805	G12		
29	NTPC-TALCHER/MNKT-71/20.7.15/LOCP-2	20.07.2015	59	261001275/20.7.15	3707.08	14.80	3.67	41.97	3723	6.44	40.76	3616	G13		
30	NTPC-TALCHER/MNKT-72/20.7.15/LOCP-2	20.07.2015	59	261001276/21.7.15	3842.23	15.90	3.87	40.51	3825	6.13	39.56	3735	G12		
Total Rakes = 30															
			1662	Wt/Average	105431.950	14.44	3.40	41.27	3821	6.33	40.02	3704	G12		

Signature of third Party: Madhumilan De

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



Vasundhara, 3rd Floor
 2/7, Sarat Bose Road
 Kolkata - 700 020, India
 Tel.: +91-33 2051 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

RR weight to be verified from MGR.

Signature of the Coal Company
 Name: ASHUTOSH SHANKER NALIN
 Dy. Manager (O&M/Chemistry)
 NTPC - Kaniha

Signature of the Coal Company
 Name

Received
 PO, LOCP for kind info
 M.A. Pt.
 28/7/15



Area - 21

M/S Inspectorate Griffith India Pvt Ltd
 Plot no: 211, Sector - A, Zone - B. Mancheswar Industrial Area, Bhubaneswar - 751010
 Client's Name: NTPC - Kaniha
 DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 21.07.2015 TO 31.07.2015
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL (Railway Rake)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	NO. OF WAGONS	RR NUMBER & DATE	RR WEIGHT (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS
							IM%	ASH%	GCV (Kcal/Kg)	EQ. Moisture%	EQ. ASH%	EQ. GCV (Kcal/Kg)		
1	NTPC-TALCHER/MNKT-73/21.7.15/LOCP-2	21.07.2015	57	261001277/21.7.15	3542.53	13.20	3.26	39.68	3905	5.90	38.60	3798		
2	NTPC-TALCHER/MNKT-74/21.7.15/LOCP-2	21.07.2015	59	261001278/21.7.15	3589.41	14.20	3.65	42.32	3866	5.83	41.36	3779	G12	
3	NTPC-TALCHER/MNKT-75/21.7.15/LOCP-2	21.07.2015	58	261001279/22.7.15	3585.54	13.50	3.27	36.32	4088	6.61	35.07	3947	G12	
4	NTPC-TALCHER/MNKT-76/22.7.15/LOCP-2	22.07.2015	56	261001280/22.7.15	3486.74	15.20	3.87	40.53	3860	6.59	39.38	3751	G12	
5	NTPC-TALCHER/MNKT-77/22.7.15/LOCP-2	22.07.2015	59	261001281/22.7.15	3658.71	13.60	3.60	40.00	3834	6.32	38.87	3726	G12	
6	NTPC-TALCHER/MNKT-78/22.7.15/LOCP-2	22.07.2015	58	261001282/22.7.15	3685.24	13.50	3.17	41.49	3867	5.96	40.29	3756	G12	
7	NTPC-TALCHER/MNKT-79/22.7.15/LOCP-2	22.07.2015	56	261001283/23.7.15	3633.94	14.60	3.60	42.15	4005	6.02	41.09	3904	G12	
8	NTPC-TALCHER/MNKT-80/22.7.15/LOCP-2	22.07.2015	58	261001284/23.7.15	3502.83	13.40	3.49	38.19	4024	5.98	37.20	3920	G12	
9	NTPC-TALCHER/MNKT-81/23.7.15/LOCP-2	23.07.2015	56	261001285/24.7.15	3636.64	15.60	3.37	37.90	4279	6.24	36.77	4152	G11	
10	NTPC-TALCHER/MNKT-82/23.7.15/LOCP-2	23.07.2015	57	261001286/23.7.15	3445.84	12.80	3.71	41.94	3924	6.33	40.80	3817	G12	
11	NTPC-TALCHER/MNKT-83/23.7.15/LOCP-2	23.07.2015	57	261001287/24.7.15	3515.04	14.60	3.41	41.3	3965	6.26	40.08	3848	G12	
12	NTPC-TALCHER/MNKT-84/24.7.15/LOCP-2	24.07.2015	56	261001288/24.7.15	3550.65	13.50	3.40	43.77	3700	6.33	42.44	3588	G12	
13	NTPC-TALCHER/MNKT-85/24.7.15/LOCP-2	24.07.2015	56	241000025/24.7.15	3539.14	14.20	2.84	39.59	4080	6.38	38.15	3931	G13	
14	NTPC-TALCHER/MNKT-86/24.7.15/LOCP-2	24.07.2015	56	261001289/25.7.15	3501.34	15.60	3.05	40.23	4007	6.35	38.86	3871	G12	
15	NTPC-TALCHER/MNKT-87/24.7.15/LOCP-2	24.07.2015	55	261001290/25.7.15	3460.07	14.30	3.47	39.34	4070	6.21	38.22	3954	G12	
16	NTPC-TALCHER/MNKT-88/25.7.15/LOCP-2	25.07.2015	56	261001291/25.7.15	3492.94	13.50	3.29	39.33	3978	6.22	38.14	3857	G12	
17	NTPC-TALCHER/MNKT-89/25.7.15/LOCP-2	25.07.2015	55	261001292/25.7.15	3330.37	16.00	3.35	40.52	3970	6.30	39.28	3849	G12	
18	NTPC-TALCHER/MNKT-90/25.7.15/LOCP-2	25.07.2015	56	261001293/25.7.15	3454.54	14.30	3.37	38.67	4073	6.32	37.49	3949	G12	
19	NTPC-TALCHER/MNKT-91/26.7.15/LOCP-2	25.07.2015	54	261001294/26.7.15	3428.44	14.90	3.25	40.56	4089	6.18	39.33	3965	G12	
20	NTPC-TALCHER/MNKT-92/26.7.15/LOCP-2	26.07.2015	56	261001295/26.7.15	3397.52	14.60	3.83	37.27	4236	6.60	36.20	4114	G11	
21	NTPC-TALCHER/MNKT-93/26.7.15/LOCP-2	26.07.2015	56	261001296/26.7.15	3674.38	13.60	3.56	40.70	3951	6.22	39.58	3842	G12	
22	NTPC-TALCHER/MNKT-94/27.7.15/LOCP-2	26.07.2015	55	261001297/27.7.15	3613.54	12.80	3.15	38.31	4089	6.10	37.14	3964	G12	
23	NTPC-TALCHER/MNKT-95/27.7.15/LOCP-2	26.07.2015	56	261001298/27.7.15	3444.17	14.00	3.65	42.12	3859	6.05	41.07	3763	G12	
24	NTPC-TALCHER/MNKT-96/27.7.15/LOCP-2	27.07.2015	56	261001299/27.7.15	3549.44	15.20	3.36	43.84	3851	6.01	42.64	3745	G12	
25	NTPC-TALCHER/MNKT-97/27.7.15/LOCP-2	27.07.2015	55	261001300/27.7.15	3591.44	14.40	3.13	41.35	3863	6.19	40.04	3741	G12	
26	NTPC-TALCHER/MNKT-98/27.7.15/LOCP-2	27.07.2015	55	261001301/28.7.15	3465.57	13.50	2.98	38.12	3861	6.26	36.83	3730	G12	
27	NTPC-TALCHER/MNKT-99/27.7.15/LOCP-2	27.07.2015	55	261001302/28.7.15	3458.15	14.30	3.26	37.37	4098	6.29	36.20	3970	G12	
28	NTPC-TALCHER/MNKT-100/27.7.15/LOCP-2	28.07.2015	56	261001303/28.7.15	3577.74	14.20	3.82	39.79	3871	6.30	38.76	3771	G12	
29	NTPC-TALCHER/MNKT-101/27.7.15/LOCP-2	28.07.2015	55	261001304/29.7.15	3578.77	13.20	3.66	40.85	3984	6.10	39.82	3883	G12	
30	NTPC-TALCHER/MNKT-102/27.7.15/LOCP-2	28.07.2015	56	261001305/29.7.15	3475.35	14.00	3.39	38.57	4022	6.60	37.29	3888	G12	
31	NTPC-TALCHER/MNKT-103/27.7.15/LOCP-2	29.07.2015	55	261001306/30.7.15	3391.64	12.40	3.32	37.71	4249	6.45	36.49	4111	G11	
32	NTPC-TALCHER/MNKT-104/27.7.15/LOCP-2	29.07.2015	55	261001307/30.7.15	3501.97	12.60	3.32	40.21	4120	6.75	38.78	3974	G12	
33	NTPC-TALCHER/MNKT-105/27.7.15/LOCP-2	30.07.2015	53	261001308/30.7.15	3164.49	13.80	3.29	43.63	3887	6.33	42.26	3765	G12	



INSPECTORATE
 Vasudhara, 3rd Floor
 2/7, Sarat Bose Road
 Kolkata - 700 020, India.
 Tel. - +91 33 3051 6600

08.08.15

आशुतोष शंकर नलिन
 ASHUTOSH SHANKER NALIN
 उप निरीक्षक (O&M/Chemistry)
 एनटीपीसी लिमिटेड/तालचर कनिहा

Ann - vi

	NTPC-TALCHER/MNKT-106/27.7.15/LOCP-2	30.07.2015	55	261001309/31.7.15	3295.87	14.60	3.80	40.61	4030	6.43	39.50	3920	G12
35	NTPC-TALCHER/MNKT-107/27.7.15/LOCP-2	30.07.2015	50	261001311/31.7.15	3070.51	17.00	3.66	40.76	4034	6.29	39.65	3924	G12
36	NTPC-TALCHER/MNKT-108/27.7.15/LOCP-2	31.07.2015	55	261001310/31.7.15	3302.01	14.30	3.45	40.89	3978	6.45	39.62	3854	G12
37	NTPC-TALCHER/MNKT-109/31.7.15/LOCP-2	31.07.2015	55	261001312/27.7.15	3520.00	14.60	3.68	40.48	3957	6.26	39.40	3851	G12
38	NTPC-TALCHER/MNKT-110/31.7.15/LOCP-2	31.07.2015	55	261001313/27.7.15	3519.11	14.20	3.56	39.35	4007	6.55	38.13	3883	G12
39	NTPC-TALCHER/MNKT-111/31.7.15/LOCP-2	31.07.2015	55	261001314/27.7.15	3475.57	15.00	3.45	39.49	4000	6.34	38.31	3880	G12
	Total Rakes = 39			Wt/Average	136107.190	14.16	3.43	40.13	3987	6.28	38.95	3870	G12

Signature of third Party: Madhumilan De 08.08.15
 Name of the third party: M/S Inspectorate Griffith India Pvt Ltd

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

Signature of the NTPC station
 Name: आशुतोष शंकर नलिन
 ASHUTOSH SHANKER NALIN
 उप प्रबंधक (प्रचा. एवं अनु. / रसायन)
 Dy. Manager (O&M/Chemistry)
 एनटीपीसी लिमिटेड/तालचेर कनिहा
 NTPC Limited / Talcher Kaniha

Signature of the Coal Company
 Name

i) Inspected 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

RR Quantity to be verified from MGR.

Received on 11/08/15
 S.D

Forwarded to P.O. LA @
 for kind inf. & nra. pl.

Area
 MCL, Lingaraj Area
 11/8/15



Area - VI

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 01.07.2015 TO 10.07.2015
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL - LINGARAJ - 1 (MGR)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	DESPATCH QUANTITY (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS
					IM%	ASH%	GCV(Kcal/Kg)	EQ. IM%	EQ. ASH%	EQ. GCV(kCal/Kg)		
1	NTPC-TALCHER/MGR-1.7.15/LOCP	01.07.2015	0.000	0.00	0	0	0	0	0.00	0		
2	NTPC-TALCHER/MGR-2.7.15/LOCP	02.07.2015	0.000	0.00	0.00	0	0	0	0.00	0		
3	NTPC-TALCHER/MGR-3.7.15/LOCP	03.07.2015	2753.490	16.60	3.33	39.31	3871	6.47	38.03	3745	G12	
4	NTPC-TALCHER/MGR-4.7.15/LOCP	04.07.2015	5479.980	15.30	3.03	39.17	4050	6.80	37.65	3893	G12	
5	NTPC-TALCHER/MGR-5.7.15/LOCP	05.07.2015	5549.180	14.60	2.95	40.1	3944	6.76	38.53	3789	G12	
6	NTPC-TALCHER/MGR-6.7.15/LOCP	06.07.2015	0.000	0.00	0	0.00	0	0.00	0.00	0		
7	NTPC-TALCHER/MGR-7.7.15/LOCP	07.07.2015	1894.960	15.90	3.59	42.12	3893	6.78	40.73	3764	G12	
8	NTPC-TALCHER/MGR-8.7.15/LOCP	08.07.2015	4258.700	16.20	3.08	42.08	3890	6.04	40.79	3771	G12	
9	NTPC-TALCHER/MGR-9.7.15/LOCP	09.07.2015	4650.690	15.80	3.12	41.24	3974	6.31	39.88	3843	G12	
10	NTPC-TALCHER/MGR-10.7.15/LOCP	10.07.2015	0.000	0.00	0	0.00	0	0.00	0.00	0		
Wt/Average			24587.000	15.66	3.11	40.52	3952	6.53	39.09	3812	G12	

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

Received on 21/7/15

Signature of the NTPC station Name: *[Signature]*

Signature of the Coal Company Name



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

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

शंकर नलिन
 SHANKER SHANKER NALIN
 डी प्रबंधक (प्रका. एवं अद्. / रसायन)
 D. Manager (M & M/Chemistry)
 एनटीपीसी
 128/ सत 11 कनिहा
 NTPC Limited / Talcher Kaniha

Quantity to be verified from MGR.

Received 22/7/15

Forwarded to PO, LO CP for kind information and n.c.a. please.

Area Sol.
 MCL
 22-7-15



M/S Inspectorate Griffith India Pvt Ltd
 Plot no: 211, Sector - A, Zone - B. Mancheswar Industrial Area, Bhubaneswar - 751010
 Client's Name: NTPC - Kaniha
 DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 11.07.2015 TO 20.07.2015
 LOADING END ANALYSIS REPORT

Area - vi

NAME OF COAL COMPANY: MCL - LINGARAJ - 1 (MGR)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	DESPATCH QUANTITY (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS
					IM%	ASH%	GCV(Kcal/Kg)	EQ. IM%	EQ. ASH%	EQ. GCV(Kcal/Kg)		
1	NTPC-TALCHER/MGR-11.7.15/LOCP	11.07.2015	2203.090	15.20	3.44	41.87	3856	6.12	40.71	3749	G12	
2	NTPC-TALCHER/MGR-12.7.15/LOCP	12.07.2015	4505.780	14.60	3.47	44.13	3537	6.42	42.78	3429	G13	
3	NTPC-TALCHER/MGR-13.7.15/LOCP	13.07.2015	2187.030	15.30	3.12	39.84	3868	6.40	38.49	3737	G12	
4	NTPC-TALCHER/MGR-14.7.15/LOCP	14.07.2015	NIL	0.00	0.00	0.00	0	0	0.00	0	0	
5	NTPC-TALCHER/MGR-15.7.15/LOCP	15.07.2015	2197.630	15.20	3.27	40.30	3863	6.21	39.08	3746	G12	
6	NTPC-TALCHER/MGR-16.7.15/LOCP	16.07.2015	4659.580	14.80	3.70	39.42	3901	6.20	38.40	3800	G12	
7	NTPC-TALCHER/MGR-17.7.15/LOCP	17.07.2015	8892.470	14.60	3.65	44.26	3675	6.16	43.11	3579	G13	
8	NTPC-TALCHER/MGR-18.7.15/LOCP	18.07.2015	6926.36	15.10	3.39	48.27	3539	6.35	46.79	3431	G13	
9	NTPC-TALCHER/MGR-19.7.15/LOCP	19.07.2015	8837.300	15.20	3.39	43.22	3880	6.30	41.92	3763	G12	
10	NTPC-TALCHER/MGR-20.7.15/LOCP	20.07.2015	8840.18	16.00	3.19	41.53	3900	6.20	40.24	3779	G12	
		Wt/Average	49249.420	15.13	3.42	43.20	3767	6.26	41.93	3656	G13	

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

Signature of the NTPC station
 Name.

Signature of the Coal Company
 Name



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

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

ASHUTOSH SHANKER NALIN
 Dy. Manager (O&M/Chemistry)
 NTPC

RR weight to be verified from MGR.

Received
[Signature]

*Forwarded to - PO, LOCP for
 Kind info. & mark*

*Area Sales Manager
 MCL, Lingaraj Area
 20.7.15*



Area - vi

M/S Inspectorate Griffith India Pvt Ltd
 Plot no: 211, Sector - A, Zone - B. Mancheswar Industrial Area, Bhubaneswar - 751010
 Client's Name: NTPC - Kaniha
 DAY WISE ANALYSIS RESULTS OF SAMPLES DURING THE PERIOD FROM 21.07.2015 TO 31.07.2015
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL - LINGARAJ - 1 (MGR)

SL NO.	SAMPLE NO.	DATE OF SAMPLING/LOADING	DESPATCH QUANTITY (MT)	TM% (ARB)	ON AIR DRIED BASIS			ON EQUILIBRATED BASIS (60% RH & 40 DEG C.)			GRADE	REMARKS
					IM%	ASH%	GCV(Kcal/Kg)	EQ. IM%	EQ. ASH%	EQ. GCV(Kcal/Kg)		
1	NTPC-TALCHER/MGR-21.7.15/LOCP	21.07.2015	6488.290	14.20	3.38	37.98	3916	6.12	36.90	3805	G12	
2	NTPC-TALCHER/MGR-22.7.15/LOCP	22.07.2015	10635.96	13.20	3.50	36.85	4032	6.44	35.73	3909	G12	
3	NTPC-TALCHER/MGR-23.7.15/LOCP	23.07.2015	8684.29	14.00	3.00	37.37	4047	6.12	36.17	3917	G12	
4	NTPC-TALCHER/MGR-24.7.15/LOCP	24.07.2015	6304.26	14.50	2.90	38.00	4035	6.25	36.69	3896	G12	
5	NTPC-TALCHER/MGR-25.7.15/LOCP	25.07.2015	8691.52	14.90	3.79	39.89	4032	5.90	39.02	3944	G12	
6	NTPC-TALCHER/MGR-26.7.15/LOCP	26.07.2015	9105.56	15.50	3.00	41.65	3950	5.98	40.37	3829	G12	
7	NTPC-TALCHER/MGR-27.7.15/LOCP	27.07.2015	10983.25	14.30	3.25	43.27	3872	6.19	41.96	3754	G12	
8	NTPC-TALCHER/MGR-28.7.15/LOCP	28.07.2015	4397.88	13.20	3.37	40.44	3817	6.25	39.23	3703	G12	
9	NTPC-TALCHER/MGR-29.7.15/LOCP	29.07.2015	8410.44	17.80	3.22	38.34	4029	6.20	37.16	3905	G12	
10	NTPC-TALCHER/MGR-30.7.15/LOCP	30.07.2015	10396.63	14.20	3.72	38.01	4061	6.21	37.03	3956	G12	
11	NTPC-TALCHER/MGR-31.7.15/LOCP	31.07.2015	8635.05	15.10	3.11	38.29	4048	6.11	37.10	3923	G12	
		Wt/Average	92733.130	14.65	3.31	39.14	3993	6.16	37.99	3875	G12	

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

MP 11/8/15

Signature of the NTPC station
 Name.

ASHUTOSH SHANKER NALIN

Signature of the Coal Company
 Name

INSPECTORATE
 Vasundhara, 3rd Floor
 2/7, Sarat Bose Road
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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
 अशुतोष शंकर नलिन
 ASHUTOSH SHANKER NALIN
 Dy. Manager (O&M/Chemistry)
 NTPC Limited, Talcher Kaniha

*RR Quantity
 from MGR.*

*Forwarded to PO, LOCP
 for kind consideration
 & receipt.*

11/8/15

Received on 11/8/15