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RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF DECEMBER - 2014 AND  
LOADING END ANALYSIS REPORT FOR DISTRIBUTION

Ref. No.  
 Name of coal Company : Coalfields Limited.  
 Analysis Laboratory : AKED LABORATORY JR. VALLEY

Area JR VALLEY

Sl No	Name of siding/colliery/ loading point	Sized and declared GCV/Grade	Date of loading	No. of Wgs	Rake No.	Railway receipt		Qty as per RH	Destination PHS/consumer	Sample collection date	T.M.	Analysis result on equilibrated con. liber of 60% RH @ 30°C temp. GCV			
						No	Date					M%	Ash%	GCV	Grade
1	10cm - II	ca-13	4.12.14	56B	12	162000003	04.12.14	3382.04	SEBD	04.12.14	-	6.9	41.3	3617.9	0.12
2	10cm - II	"	7.12.14	58N	23	162000004	08.12.14	3844.97	"	08.12.14	-	7.2	38.3	3867.7	6.12
3	10cm - II	"	9.12.14	56B	28	262001636	09.12.14	3413.65	"	09.12.14	-	7.1	39.4	3670.3	6.12
4	10cm - II	"	10.12.14	57B	37	262001641	10.12.14	3421.13	"	10.12.14	-	7.0	39.7	3630.1	"
5	10cm - II	"	11.12.14	58B	38	162000005	12.12.14	3490.33	"	12.12.14	-	7.0	39.6	3624.5	"
6	10cm - I	"	12.12.14	58N	40	162000017	12.12.14	3723.12	"	12.12.14	-	6.6	40.0	3572.4	"
7	10cm - II	"	14.12.14	59B	46	162000007	14.12.14	3553.32	"	14.12.14	-	6.8	38.9	3657.3	"
8	10cm - I	"	16.12.14	58B	55	162000022	16.12.14	3510.82	"	16.12.14	-	6.9	39.2	3674.6	"
9	10cm - I	"	18.12.14	56B	62	162000024	18.12.14	3337.44	"	18.12.14	-	6.6	40.8	3561.2	"
10	10cm - II	"	20.12.14	59B	69	142000004	20.12.14	3563.76	"	20.12.14	-	6.9	40.6	3636.9	"
11	10cm - II	"	22.12.14	55B	73	162000019	22.12.14	3267.25	"	22.12.14	-	6.9	40.8	3687.5	"
12	10cm - II	"	25.12.14	59B	84	262001657	25.12.14	3558.61	"	25.12.14	-	7.0	39.9	3619.0	"
13	10cm - II	"	28.12.14	58B	92	162000023	28.12.14	3519.12	"	28.12.14	-	6.7	41.0	3599.9	"
14	10cm - I	"	29.12.14	57B	101	162000042	29.12.14	3454.43	"	29.12.14	-	7.1	39.1	3611.7	"
15	10cm - I	"	30.12.14	59B	105	162000044	30.12.14	3608.27	"	30.12.14	-	6.4	41.9	3533.3	"

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. K. Mishra  
 NAME : M. K. Mishra  
 NAME OF COAL CO. : Coalfields Limited

Signature of Rep. Mandaran Senha  
 NAME : Mandaran Senha  
 NAME OF PURCHASER / CONSUMER : Cateena Inspection India Pvt Ltd

Signature of Rep. B. Kaushik  
 NAME : B. Kaushik  
 NAME OF 3<sup>rd</sup> PARTY :

Distribution : Coal Company

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

Mahend  
 Sr. Technical Inspector  
 Area Laboratory  
 Jr. Valley Area M.C.L.



Mishra

# 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 THE PERIOD OF - DECEMBER-2014

## LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY: **MAHANADI COALFIELDS LIMITED**

AREA: **LAKHANPUR**

ANALYSIS LABORATORY: **AREA LABORATORY LAKHANPUR**

SL NO.	Name of the siding/colliery/loading	Sized and declared GCV/Grade	Date of Loading	No. of Wgs	Rake No.	Railway Receipt		Qty as per RR	Destination PHs/Consumer	Sample Collection Date	TM%	Analysis result on equilibrated			
						No.	Date					M%	Ash%	GCV	Grade
✓1	BOCM-VI	G-13	02.12.14	58	6/05	262000376	7.12.14	4022.37	SEBD	02.12.14	12.0	5.6	42.7	3560.0	G-13
✓2	BOCM-III	G-13	03.12.14	57	3/06	262003162	5.12.14	3704.94	SEBD	03.12.14	12.0	6.1	42.2	3536.9	G-13
3	BOCM-I	G-13	05.12.14	58	1/16	262010642	7.12.14	3579.94	SEBD	05.12.14	11.8	6.2	42.5	3493.5	G-13
✓4	BOCM-VI	G-13	05.12.14	59	6/17	262000385	07.12.14	3709.93	SEBD	05.12.14	12.0	5.6	43.0	3554.3	G-13
5	BOCM-I	G-13	06.12.14	59	1/19	162000008	8.12.14	3631.44	SEBD	06.12.14	11.9	6.0	42.8	3593.8	G-13
6	BOCM-II	G-13	08.12.14	58	2/21	262010652	9.12.14	3772.51	SEBD	08.12.14	11.6	6.1	42.3	3507.7	G-13
7	BOCM-I	G-13	13.12.14	53	1/43	262010667	41.12.14	3795.51	SEBD	13.12.14	12.1	6.3	41.5	3536.0	G-13
8	BOCM-II	G-13	15.12.14	59	2/45	162000006	16.12.14	3734.22	SEBD	15.12.14	12.7	5.8	42.8	3598.6	G-13
9	BOCM-II	G-13	17.12.14	58	2/53	262000672	18.12.14	3544.42	SEBD	17.12.14	11.9	6.4	43.0	3467.5	G-13
10	BOCM-I	G-13	19.12.14	58	1/63	162000029	21.12.14	3504.43	SEBD	19.12.14	11.9	6.3	43.0	3505.7	G-13
11	BOCM-II	G-13	21.12.14	59	2/64	162000031	22.12.14	3471.03	SEBD	21.12.14	11.6	6.0	42.2	3567.1	G-13
12	BOCM-II	G-13	23.12.14	59	2/70	162000036	25.12.14	3474.63	SEBD	23.12.14	11.6	6.2	42.0	3562.8	G-13
13	BOCM-I	G-13	24.12.14	59	1/79	162000040	26.12.14	3534.13	SEBD	24.12.14	11.3	6.3	42.3	3522.4	G-13
14	BOCM-I	G-13	26.12.14	58	1/84	162000044	28.12.14	3489.04	SEBD	26.12.14	12.0	6.3	41.8	3461.2	G-13
15	BOCM-I	G-13	27.12.14	57	1/87	262010688	29.12.14	3620.94	SEBD	27.12.14	11.5	6.1	41.1	3563.9	G-13
								<b>54589.48</b>							
<b>WEIGHTED AVERAGE</b>											<b>11.9</b>	<b>6.1</b>	<b>42.3</b>	<b>3535.9</b>	<b>G-13</b>
<b>SURFACE MOISTURE % IN WEIGHTED AVERAGE</b>								<b>5.8</b>							

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

Date: 10.01.15

Signature of Rep. / Lab. Tech  
 Name: D. Bhukta  
 Name of the Coal Co. MCL  
 LAKHANPUR AREA,  
 741002, WB

Signature of Rep. / Lab. Tech  
 Name: Manoranjan Sendha  
 Name of Purchaser/Consumer: SEBD

Signature of Rep.  
 Name -S.K. VERMA  
 Name of 3rd Party



MAHANADI COALFIELDS LIMITED. JAGANNATH AREA, TALCHER.  
 JAGANNATH COAL ANNALYSIS LABORATORY  
 JOINT ANALYSIS RESULT OF COAL SAMPLES DESPATCHED TO SEBD FOR THE MONTH OF  
 Dec-14 (JAGANNATH AREA)

SL NO	Date of Sampling	Sdg	Sample No	No of Box	R. R. No.	R R QTY	ANALYSIS RESULTS AT 60%RH&40C				
							TM%	M%	A%	GCV	Gr
1	4-Dec-14	6	SEBD-05	59/56	261007528	3644.44	10.85	6.39	40.24	3779	G12
2	4-Dec-14	5	SEBD-06	59/59	261007529	3879.81	11.99	6.36	40.32	3791	G12
3	6-Dec-14	6	SEBD-08	59/59	261007550	3774.42	11.06	6.36	40.22	3798	G12
4	10-Dec-14	5	SEBD-11	59/58	261007572	3769.43	10.98	6.49	39.78	3814	G12
5	12-Dec-14	1	SEBD-12	59/59	261008527	3837.29	10.95	6.51	39.77	3828	G12
6	13-Dec-14	5	SEBD-13	59/59	261007585	3797.98	11.96	6.36	40.19	3799	G12
7	13-Dec-14	6	SEBD-14	59/58	261007586	3786.14	10.86	6.15	39.57	3891	G12
8	16-Dec-14	5	SEBD-18	59/59	261007597	3842.01	11.88	6.24	39.91	3849	G12
9	17-Dec-14	6	SEBD-19	59/59	261007599	3849.17	11.96	6.46	40.16	3787	G12
10	19-Dec-14	5	SEBD-21	59/59	261007612	3832.71	11.62	6.39	39.01	3907	G12
11	20-Dec-14	6	SEBD-22	56/54	261007620	3435.76	10.99	6.50	39.18	3876	G12
12	25-Dec-14	1	SEBD-27	59/58	212008591	3845.92	12.33	6.55	39.64	3826	G12
13	25-Dec-14	4	SEBD-24	59/57	261008598	3556.14	11.78	6.51	40.25	3761	G12
14	27-Dec-14	3	SEBD-29	58/58	261008602	3569.92	11.95	6.34	39.96	3817	G12
15	27-Dec-14	3	SEBD-30	59/58	261008611	3520.12	11.38	6.55	40.02	3790	G12
16	29-Dec-14	2	SEBD-31	59/57	261008618	3798.45	11.75	6.29	39.94	3860	G12
17	29-Dec-14	4	SEBD-32	59/59	261008619	3695.51	10.67	6.57	40.13	3768	G12

*S. S. Choz*  
 Chemist,  
 Jagannath Colliery.

*Pradeep*  
 REP  
 SEBD

*Sanjey*  
 Despatch In-Charge  
 Jagannath Colliery

N:B:- Consumer appointed 3rd Party  
 (Cotecna Inspection India Pvt Ltd)  
 rep. participated from S.No - SEBD-21 to SEBD-22

*S. S. Choz*  
 Cotecna Inspection  
 India Pvt Ltd.

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

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

AREA:- BHARATPUR AREA

S L N O	Name of siding/ colliery/ Loading point	Sized and decla red GCV/ Gr	Date of Loading	No. of Wgs	Rake No./ Sample No.	Railway Receipt		Qty in MT. as per RR	Destination PHS/ Consumer	Sample Collection date	T M %	Analysis result on equilibrated Condition at 60% RH & 40°C temperature.			
						No.	Date					Moist %	Ash %	GCV in K-Cal/Kg	Grade
1	08	G12	3.12.14	57	04	261004529	3.12.14	3698.43	SEBD	3.12.14	12.26	6.64	38.67	3823	G12
2	07	G12	5.12.14	57	07	261004539	5.12.14	3716.32	SEBD	5.12.14	12.67	6.58	39.24	3774	G12
3	07	G12	7.12.14	58	09	261004549	7.12.14	3496.38	SEBD	7.12.14	11.20	6.35	39.96	3771	G12
4	08	G12	9.12.14	59	10	261004554	9.12.14	3736.11	SEBD	9.12.14	12.43	6.51	38.81	3846	G12
5	07	G12	14.12.14	59	15	261004591	14.12.14	3667.78	SEBD	14.12.14	12.27	6.39	39.56	3787	G12
6	07	G12	16.12.14	57	16	241000292	16.12.14	3616.57	SEBD	16.12.14	12.69	6.46	39.93	3766	G12
7	07	G12	16.12.14	59	17	261004596	16.12.14	3696.31	SEBD	16.12.14	12.61	6.41	39.59	3785	G12
8	07	G12	18.12.14	58	20	261004604	18.12.14	3783.93	SEBD	18.12.14	12.16	6.32	39.39	3786	G12
9	07	G12	21.12.14	58	23	261004618	21.12.14	3726.22	SEBD	21.12.14	12.39	6.23	39.42	3789	G12
10	08	G12	21.12.14	58	24	261004621	21.12.14	3686.02	SEBD	21.12.14	12.25	6.36	39.59	3809	G12
11	08	G12	22.12.14	55	25	261004624	22.12.14	3502.56	SEBD	22.12.14	12.49	6.42	39.75	3767	G12
12	08	G12	24.12.14	56	26	261004629	24.12.14	3579.92	SEBD	24.12.14	12.09	6.59	38.91	3858	G12
						Total qty IN MT-		43906.55							

M/s Colecha, The third Party agency of SEBD participate in joint analysis from sample NO-23 dt. 21-12

SIGNATURE OF REP

NAME:-

NAME OF COAL CO: MCL

SIGNATURE OF REP

NAME:- *Anubha Dasgupta*

NAME OF PURCHASER/CONSUMER

SIGNATURE OF REP

NAME:-

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

Distribution: Coal Company

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

