



K. C. Sharma & Co.

NABL ACCREDITED LABORATORY, CHENNAI. REG NO. T -2646

Shaw Wallace Building, Old No. 54, new No. 319, 2nd Floor
Thambu Chetty Street, Chennai- 600001
Ph. No. +91-444-2166178
Email : customercare@kcsgroup.co, web: www.kcsgroup.co

Date : 12.12.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 05.12.2015

ANALYSIS REPORT

NAME OF COAL COMPANY :- Mahanadi Coalfields Limited
AREA :- I.B VALLY
ANALYSIS LABORATORY :- NABL Lab Chennai

SL NO.	NAME OF SIDING/COLLIERY LOADING POINT	SIZED AND DECLARED GCV/GRADE	DATE OF LOADING	NO OF Wgs.	Rake NO./TR	F. Note No.	RAILWAY RECEIPT		DESTINATION PHs/ CONSUMER	SAMPLE COLLECTION DATE	T.M	Analysis result on Equilibrated condition of 60% RH 40°C Temp/GCV/ADB				
							NO.	DATE				M%	Ash %	GCV	VM	Grade
01.	02.	03.	04.	05.	06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01	LOCM I/IBV.OCP	G-13	05.12.2015	59		610345	162000530	06.12.2015	DPL	05.12.2015	12.33	6.35	42.26	3521	21.15	G-13


K. C. Sharma & Co.

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

CC to:-

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

This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instruction received. This inspection does not release sellers and /or other parties involved from their respective contractual obligation and does not prejudice the buyers/receivers right to claim, under applicable law and contract, compensation from sellers(s)/supplier(s)/shipper(s) regarding any defects during our inspection or accruing thereafter. Heading and titles in this certificates are for reference and the findings contained herein prevailed as stated.


Authorized Signatory
Chief Chemist
K. C. Sharma & Co.
NABL Lab Chennai



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Email : customercare@kcsgroup.co, web: www.kcsgroup.co

Date : 13.12.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 06.12.2015

ANALYSIS REPORT

NAME OF COAL COMPANY :- Mahanadi Coalfields Limited
AREA :- LAKHANPUR
ANALYSIS LABORATORY :- NABL Lab Chennai

SL NO.	NAME OF SIDING/COLLIERY LOADING POINT	SIZED AND DECLARED GCV/GRADE	DATE OF LOADING	NO OF Wgs.	Rake NO./TR	F. Note No.	RAILWAY RECEIPT		DESTINATION PHs/ CONSUMER	SAMPLE COLLECTION DATE	T.M	Analysis result on Equilibrated condition of 60% RH 40°C Temp/GCV/ADB				
							NO.	DATE				M%	Ash %	GCV	VM	Grade
01.	02.	03.	04.	05.	06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01	BOCM-2/LKP.OCP	G-13	06.12.2015	58		314	162000605	06.12.2015	DPL	06.12.2015	15.34	6.32	41.45	3458	21.32	G-13

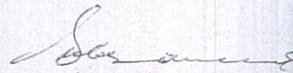
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2. Office of the GM (QC) Coal Co,
3. Consumer

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Authorized Signatory
Chief Chemist
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Email : customercare@kcsgroup.co, web: www.kcsgroup.co

Date : 14.12.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 07.12.2015

ANALYSIS REPORT

NAME OF COAL COMPANY :- Mahanadi Coalfields Limited
AREA :- B.G AREA
ANALYSIS LABORATORY :- NABL Lab Chennai

SL NO.	NAME OF SIDING/COLLIERY LOADING POINT	SIZED AND DECLARED GCV/GRADE	DATE OF LOADING	NO OF Wgs.	Rake NO./TR	F. Note No.	RAILWAY RECEIPT		DESTINATION PHs/ CONSUMER	SAMPLE COLLECTION DATE	T.M	Analysis result on Equilibrated condition of 60% RH 40°C Temp/GCV/ADB				
							NO.	DATE				M%	Ash %	GCV	VM	Grade
01.	02.	03.	04.	05.	06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01	KANIKA/BW.OCP	G-11	07.12.2015	59			162000556	07.12.2015	DPL	07.12.2015	14.26	6.29	40.36	4136	22.23	G-11

1. Samples received for analysis were sealed and jointly signed at mined 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
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K. C. Sharma & Co.

[Signature]
Authorized Signatory
Chief Chemist
K. C. Sharma & Co.
NABL Lab Chennai

CC to:-

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

This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instruction received. This inspection does not release sellers and /or other parties involved, from their respective contractual obligation and does not prejudice the buyers/receivers right to claim, under applicable law and contract, compensation from sellers(s)/supplier(s)/shipper(s) regarding any defects during our inspection or occurring thereafter. Heading and titles in this certificates are for reference and the findings contained herein prevailed as stated.



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Email : customercare@kcsgroup.co, web: www.kcsgroup.co

Date : 15.12.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 08.12.2015
ANALYSIS REPORT

NAME OF COAL COMPANY :- Mahanadi Coalfields Limited
AREA :- LAKHANPUR
ANALYSIS LABORATORY :- NABL Lab Chennai

SL NO.	NAME OF SIDING/COLLIERY LOADING POINT	SIZED AND DECLARED GCV/GRADE	DATE OF LOADING	NO OF Wgs.	Rake NO./TR	F. Note No.	RAILWAY RECEIPT		DESTINATION PHs/ CONSUMER	SAMPLE COLLECTION DATE	T.M	Analysis result on Equilibrated condition of 60% RH 40°c Temp/GCV/ADB				
							NO.	DATE				M%	Ash %	GCV	VM	Grade
01.	02.	03.	04.	05.	06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01	BOCM-2/LKP.OCP	G-13	08.12.2015	59		330	162000606	08.12.2015	DPL	08.12.2015	15.30	6.18	41.72	3435	21.06	G-13

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1. Samples received for analysis were sealed and jointly signed at mined ends
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2. Office of the GM (QC) Coal Co,
3. Consumer

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Authorized Signatory
Chief Chemist
K. C. Sharma & Co.
NABL Lab Chennai



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Email : customercare@kcsgroup.co, web: www.kcsgroup.co

Date : 06.01.2016

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 30.12.2015

ANALYSIS REPORT

NAME OF COAL COMPANY :- Mahanadi Coalfields Limited
AREA :- LAKHANPUR
ANALYSIS LABORATORY :- NABL Lab Chennai

SL NO.	NAME OF SIDING/COLLIERY LOADING POINT	SIZED AND DECLARED GCV/GRADE	DATE OF LOADING	NO OF Wgs.	Rake NO./TR	F. Note No.	RAILWAY RECEIPT		DESTINATION PHs/ CONSUMER	SAMPLE COLLECTION DATE	T.M	Analysis result on Equilibrated condition of 60% RH 40°C Temp/GCV/ADB				
							NO.	DATE				M%	Ash %	GCV	VM	Grade
01.	02.	03.	04.	05.	06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01	BOCM-6/LKP.OCP	G-13	30.12.2015	58		857	162000903	31.12.2015	DPL	30.12.2015	15.40	6.38	42.19	3433	21.35	G-13

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1. Samples received for analysis were sealed and jointly signed at mined 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
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Chief Chemist
K. C. Sharma & Co.
NABL Lab Chennai

SEARSOLE 45
 LANKURI 12
 GNP 22
 ARDHUBI 3
 ADINA 17



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NABL ACCREDITED LABORATORY, CHENNAI. REG NO. T -2646

MCL/Dec'15

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Date : 07.01.2016

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 31.12.2015

ANALYSIS REPORT

NAME OF COAL COMPANY :- Mahanadi Coalfields Limited
 AREA :- LAKHANPUR
 ANALYSIS LABORATORY :- NABL Lab Chennai

SL NO.	NAME OF SIDING/COLLIERY LOADING POINT	SIZED AND DECLARED GCV/GRADE	DATE OF LOADING	NO OF Wgs.	Rake NO./TR	F. Note No.	RAILWAY RECEIPT		DESTINATION PHs/ CONSUMER	SAMPLE COLLECTION DATE	T.M	Analysis result on Equilibrated condition of 60% RH 40°C Temp/GCV/ADB				
							NO.	DATE				M%	Ash %	GCV	VM	Grade
01.	02..	03.	04.	05.	06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01	BOCM-7/LKP.OCP	G-13	31.12.2015	57		858	162000904	31.12.2015	DPE	31.12.2015	15.48	6.66	42.56	3562	21.72	G-13

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1. Samples received for analysis were sealed and jointly signed at mined ends
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[Signature]
 Authorized Signatory
 Chief Chemist
 K. C. Sharma & Co.
 NABL Lab Chennai