

NABL ACCREDITED LABORATORY, CHENNAL REG NO. T -2646

Shaw Wallace Building, Old No. 54, new No. 319, 2nd Floor Thambu Chetty Street, Chennai- 600001

Ph. No. +91-444-2156178

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

Date: 19.11.2015

:- Mahanadi Coalfields Limited

AREA

:- LAKHANPUR

ANALYSIS LABORATORY

NAME OF COAL COMPANY

:- NABL Lab Chennai

NO.	SIDING/COLLIERY	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.IVI	\$100000 HOVE CIVE	is result or 60% RH 40			
							NO.	DATE				M%	Ash %	GCV	VIVI	Grade
0.1	ÖŽ.	03.	04.	05.	06,		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01.	BOCM-7/EKPOKP	G-13	12,11,2015	89		369	162000795	13.11.2015	DPL.	12.11.2015	15.63	6.72	42.36	3594	21,36	G-13

**ANALYSIS REPORT** 

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 preformed, within the scape of instruction received. This inspection does not release sellers and for other parties involved from their respective contractual obligation and does not prejudice the buyers/recevers right to claim, under applicable law and contract, compensation from sellers(s)/supplier(s)/shipper(s) regarding any defects during our inspection or accuring thereafter. Heading and titles in this certificates are for reference and the findings contained herein prevailed as stated.

Chief Chamist K. C. S \*\* # & Co.

NABL Lap Chenei



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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: 20.11.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF: 13.11.2015

ANALYSIS REPORT

NAME OF COAL COMPANY

:- Mahanadi Coalfields Limited

AREA

:- B.G AREA

ANALYSIS LABORATORY

:- NABL Lab Chennai

1	NAME OF SIDING/COLLIERY LOADING POINT	SIZED AND DECLARED GCV/GRADE	DATE OF LOADING	NO OF Wgs.	Rake NO./TR	F. Nate No.	RAILWAY		DESTINATION PHs/ CONSUMER	SAMPLE COLLECTION DATE	T.M		is result or 60% RH 40	7		
		Di-Qualifornies	Name of the last o				NO.	DATE	Account of the Control of the Contro	and the same of th		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	13.11.2015	59			162000515	13.11.2015	DPL,	13.11.2015	14,36	6.34	40.03	4136	22.97	(j-1)

K. C. Sharma & Co.

- 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 Chemiss

K. C. Shaima & Go. NABL Lab Chenni



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Ph. No. +91-444-2166178

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

Date: 22.11.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 15.11,2015

ANALYSIS REPORT

NAME OF COAL COMPANY

:- Mahanadi Coalfields Limited

AREA

:- LAKHANPUR

ANALYSIS LABORATORY

:- NABL Lab Chennal

SL NO.	NAME OF SIDING/COLLIERY LOADING POINT		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 cond 60% RH 40°c Temp/GCV/AD				
							NO.	DATE				IV1%	Ash %	GCV	VM	Grade
01.	02	03.	04.	05.	06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.
01	BOCM-7/LKP.QCP	G-13	15.11.2015	58		391	162000805	16,11.2015	DPL	15,11,2015	15.39	6.62	42,53	3569	21.25	G-13

K. C. Sharma & Co.

- 1. Samples received for analysis were sealed and jointly signed at mined ends
- 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
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Authorized Signatory

Chief Chemist
K. C. Shama & Go.
NABL Lab Chenel



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

Date: 24.11.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF: 17.11.2015

**ANALYSIS REPORT** 

NAME OF COAL COMPANY

:- Mahanadi Coalfields Limited

AREA

:- B.G AREA

ANALYSIS LABORATORY

:- NABL Lab Chennai

SL NO.	SIDING/COLLIERY		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					
						-	NÖ.	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-13	17,11,2015	59			162000523	17.11.2015	DPI.	17.11.2015	14.33	6.36	40.36	4125	22.14	G-11	

K. C. Sharma & Co.

- 1. Samples received for analysis were sealed and jointly signed at mined ends
- 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 fumished separately.

CC to:-

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

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Authorized Signatory Chief Chemist

K. C. Sharma & Co. NABL Lab Chenei



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Ph. No. +91-444-2166178

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

Date: 30.11.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 23.11.2015

ANALYSIS REPORT

NAME OF COAL COMPANY

:- Mahanadi Coalfields Limited

AREA

:- B.G AREA

**ANALYSIS LABORATORY** 

:- NABL Lab Chennal

NO.			DECLARED	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 Equilibrate 60% RH 40°c Temp/G T.M					
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A STREET	4		NO.	DATE				M%	Ash %	GCV	VIVI	Grade		
01.	02.	03.	04.	05.	. 06.		08.	09.	11.	12.	18.	19.	20.	21.	23.	24.		
01	KANIKA/BW.OCP	G-11	23,11,2015	59)			162000533	23,11,2015	DPL.	23.11.2015	14.20	6.32	40,25	4182	22.83	G-11		

K. C. Sharma & Co.

- 1. Samples received for analysis were sealed and jointly signed at mined ends
- 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
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CC to:-

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

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Authorized Signatory Chief Chemist

K. C. Shaima & Co. NABL Lab Chenai



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

Date: 02.12.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF: 25.11.2015

ANALYSIS REPORT

NAME OF COAL COMPANY

:- Mahanadi Coalfields Limited

AREA

:- LAKHANPUR

ANALYSIS LABORATORY

:- NABL Lab Chennai

SL NO.		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	BERRY CONTRACTOR	is result or 60% RH 40			
							NO.	DATE		- 4		IM96	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	25:11.2015	59		294	262010983	25.11.2015	DPL	25.11.2015	15.53	6.43	42,53	3562	21.36	G-13

K. C. Sharma & Co.

- 1. Samples received for analysis were sealed and jointly signed at mined ends
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Authorized Signatory Chief Chemist

K. C. Shama & Go. NABL Lab Chenai



AREA

### K. C. Sharma & Co.

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Ph. No. +91-444-2166178

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

Date: 04.12.2015

REKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF : 27.11.2015

ANALYSIS REPORT

NAME OF COAL COMPANY

:- Mahanadi Coalfields Limited

:- B.G AREA

ANALYSIS LABORATORY

:- NABL Lab Chennai

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		is result or 60% RH 40			
							NO.	DATE				5 AO /	Tara		-	
01.	02.	.03.	04.	05.	06.		08.	09.	4.			M%	Ash %	GCV	VIV	Grade
01	KANIKA/BW.OCP	G-11	27.11.2015	1				- The second second	11.	12.	18.	19.	20.	21.	23.	24.
			# 624 1729X12	58			162000540	28.11.2015	DPI.	27.11.2015	14.39	6.26	40.21	4136	22.45	

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

Authorized Signatory

Chief Chemiss K. C. Shairna & Co. NABL Lab Chenai



NABL ACCREDITED LABORATORY, CHENNAL REG NO. T - 2646

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

Date: 06.12.2015

NAME OF COAL COMPANY

:- Mahanadi Coalfields Limited

AREA

:- B.G. AREA

ANALYSIS LABORATORY

1- 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		s result on 60% RH 40			
							NO.	DATE				M%	Ash %	GCV	VM	Grade
			0.5	05.	06	-	08.	09.	11.	.12.	18.	19.	20.	21.	23.	24
01.	. 02.	03.	04.		00.			30,11.2015	DPL.	29,11,2015	14.53	6.39	40.12	4123	22.63	(G-11
01	KANIKA/BW.OCP	G-11	29.11.2015	59	<u> </u>		162000549	30,11.2015	1 1/1 1/1	277712010	1		1	K.C.	Sharma &	& Co.

ANALYSIS REPORT

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