


COAL ANALYSIS LABORATORY

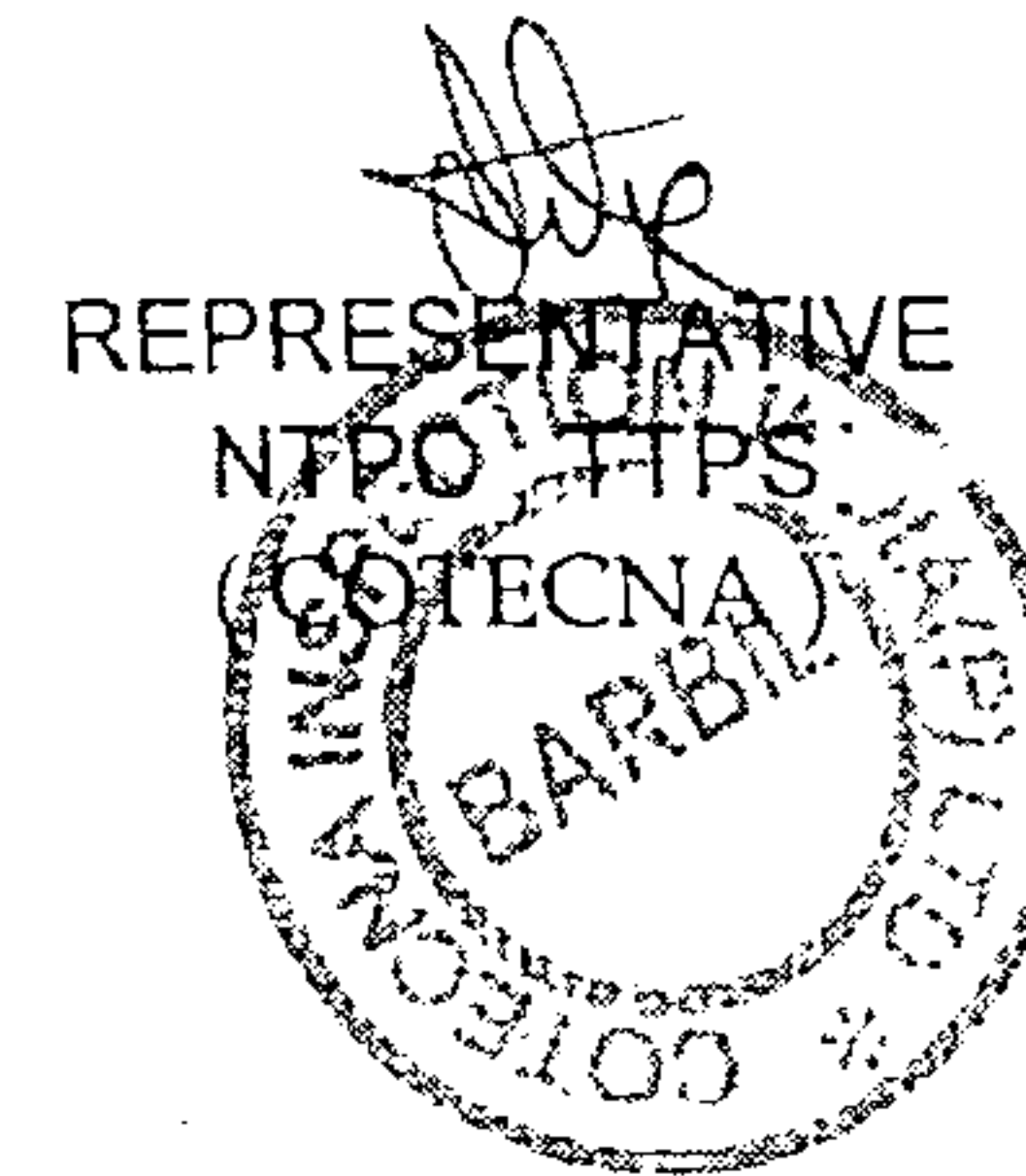
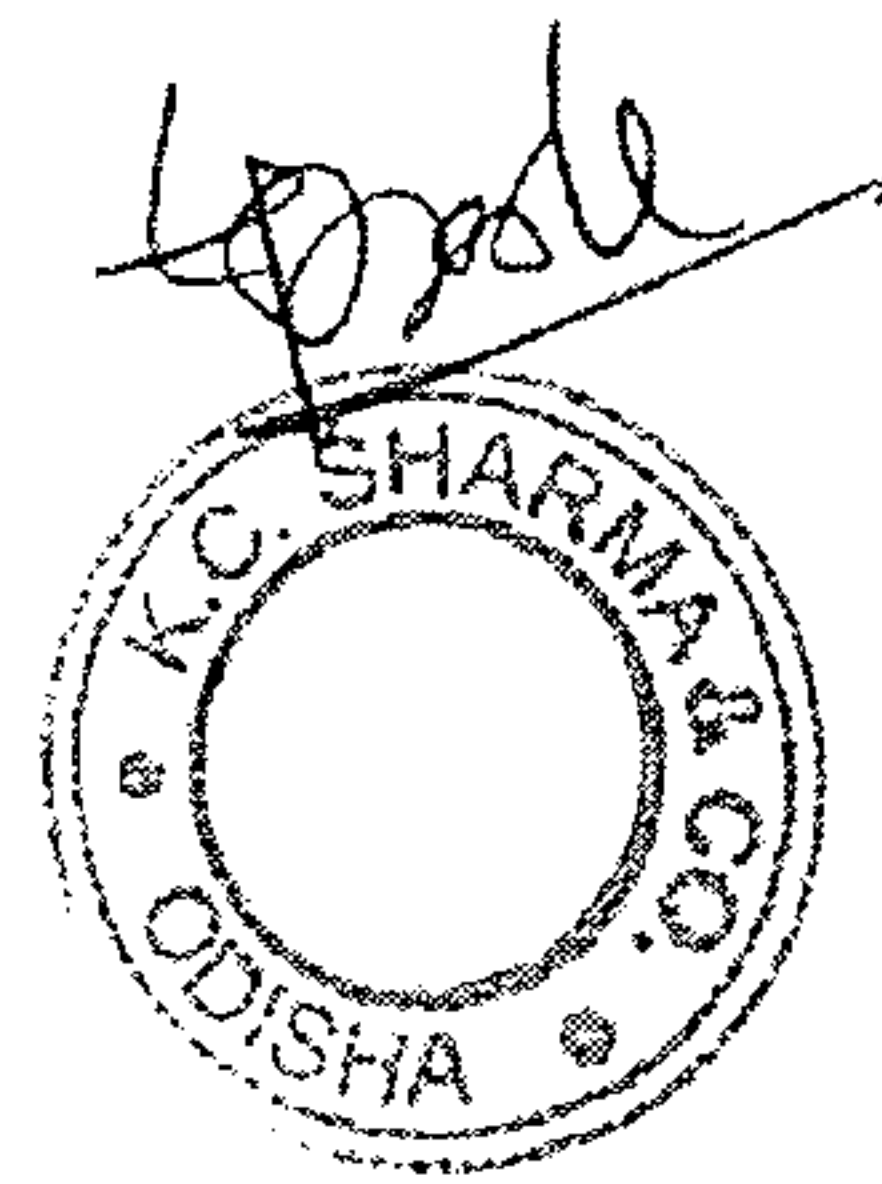
BHARATPUR PROJECT, BHARATPUR AREA, M.C.L.


RECONCILE STATEMENT OF BHARATPUR OCP AND NTPC, TTPS ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 7 & 8

FOR THE MONTH OF :-MARCH--2015

| SL NO | SAMPLE NO | SIDING NO | DATE OF SAMPLING | RR WEIGHT | TM% | BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT | | | | NTPC T.T.P.S. ANALYSIS RESULT | | | | REMARKS |
|-------|-----------|-----------|------------------|-----------|-------|---|-------|------|-------|-------------------------------|-------|------|-------|---------|
| | | | | | | IM% | ASH% | GCV | GRADE | IM% | ASH% | GCV | GRADE | |
| 1 | TTPS- 01 | 7 | 01.03.2015 | 3663.54 | 11.47 | 6.31 | 39.34 | 3782 | G-12 | 5.67 | 39.99 | 3790 | G-12 | |
| 2 | TTPS- 03 | 8 | 02.03.2015 | 3470.55 | 11.94 | 6.56 | 39.58 | 3773 | G-12 | 6.37 | 40.61 | 3723 | G-12 | |
| 3 | TTPS- 06 | 8 | 04.03.2015 | 3718.92 | 11.61 | 6.55 | 39.24 | 3786 | G-12 | 6.38 | 39.56 | 3729 | G-12 | |
| 4 | TTPS- 07 | 7 | 04.03.2015 | 3745.52 | 11.82 | 6.23 | 39.67 | 3772 | G-12 | 6.31 | 40.81 | 3705 | G-12 | |
| 5 | TTPS- 18 | 7 | 11.03.2015 | 3592.31 | 12.55 | 6.38 | 38.95 | 3741 | G-12 | 6.54 | 39.58 | 3726 | G-12 | |
| 6 | TTPS- 20 | 7 | 13.03.2015 | 3647.21 | 11.92 | 6.28 | 38.61 | 3790 | G-12 | 6.29 | 41.46 | 3732 | G-12 | |
| 7 | TTPS- 22 | 8 | 14.03.2015 | 3452.51 | 11.29 | 6.19 | 39.21 | 3795 | G-12 | 6.21 | 42.59 | 3744 | G-12 | |
| 8 | TTPS- 23 | 8 | 14.03.2015 | 3496.32 | 11.26 | 6.24 | 39.13 | 3757 | G-12 | 6.25 | 42.37 | 3723 | G-12 | |
| 9 | TTPS- 28 | 7 | 18.03.2015 | 3536.24 | 11.71 | 6.46 | 39.3 | 3798 | G-12 | 6.20 | 41.79 | 3731 | G-12 | |
| 10 | TTPS- 30 | 7 | 19.03.2015 | 3571.21 | 11.47 | 6.46 | 39.54 | 3770 | G-12 | 6.28 | 42.02 | 3749 | G-12 | |
| 11 | TTPS- 31 | 8 | 20.03.2015 | 3518.02 | 11.97 | 6.34 | 39.72 | 3731 | G-12 | 6.34 | 42.65 | 3709 | G-12 | |
| 12 | TTPS- 32 | 8 | 20.03.2015 | 3553.62 | 11.75 | 6.41 | 39.11 | 3753 | G-12 | 6.42 | 42.06 | 3721 | G-12 | |
| 13 | TTPS- 41 | 7 | 25.03.2015 | 3691.22 | 12.11 | 6.32 | 39.05 | 3731 | G-12 | 6.51 | 41.32 | 3761 | G-12 | |
| 14 | TTPS- 43 | 8 | 26.03.2015 | 3575.62 | 11.7 | 6.56 | 39.88 | 3778 | G-12 | 6.35 | 40.77 | 3755 | G-12 | |
| 15 | TTPS- 46 | 8 | 28.03.2015 | 3218.87 | 10.72 | 6.22 | 39.66 | 3759 | G-12 | 6.31 | 41.60 | 3738 | G-12 | |


 Sr Manager
 COAL DESPATCH
 SR. MANAGER
 COAL DESPATCH
 BHARATPUR PROJECT M.C.L.




 REPRESENTATIVE
 BPR, MCL
 CHEMIST
 MCL, Bharatpur Project

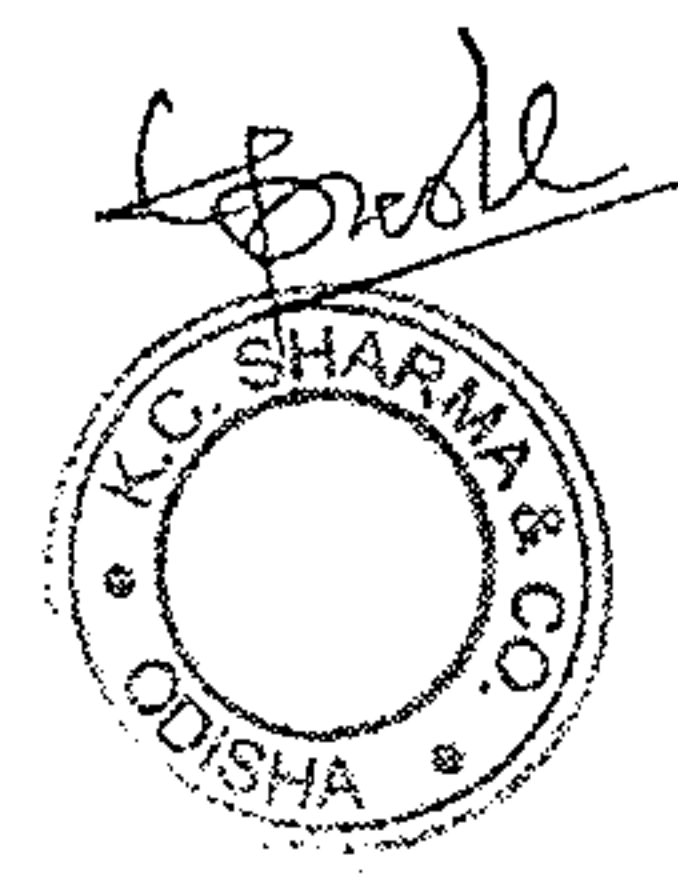
FOR THE MONTH OF :-MARCH-2015
 AND NTPC, TIPS ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 7 & 8.

COAL ANALYSIS LABORATORY BHARATPUR PROJECT, BHARATPUR AREA, M.C.L.

RECONCILE STATEMENT OF BHARATPUR OCP AND NTPC, SIMHADRI (SMI) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 7 & 8.
 FOR THE MONTH OF :-MARCH-2015

| SL NO | SAMPLE NO | SIDING NO | DATE OF SAMPLING | RR WEIGHT | TM% | BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT | | | | NTPC, SIMHADRI ANALYSIS RESULT | | | | REMARKS |
|-------|-----------|-----------|------------------|-----------|-------|---|-------|------|-------|--------------------------------|-------|------|-------|---------|
| | | | | | | IM% | ASH% | GCV | GRADE | IM% | ASH% | GCV | GRADE | |
| 1 | SMI- 03 | 8 | 03.03.2015 | 3471.04 | 12.24 | 6.52 | 38.95 | 3787 | G-12 | 6.19 | 39.67 | 3731 | G-12 | |
| 2 | SMI- 15 | 7 | 08.03.2015 | 3616.69 | 11.62 | 6.25 | 39.78 | 3814 | G-12 | 6.32 | 41.64 | 3764 | G-12 | |
| 3 | SMI- 19 | 7 | 11.03.2015 | 3037.43 | 12.69 | 6.39 | 39.28 | 3794 | G-12 | 4.99 | 40.71 | 3856 | G-12 | |
| 4 | SMI- 24 | 7 | 15.03.2015 | 3569.88 | 11.65 | 6.29 | 39.54 | 3751 | G-12 | 4.66 | 40.47 | 3735 | G-12 | |
| 5 | SMI- 25 | 7 | 16.03.2015 | 3625.22 | 11.84 | 6.39 | 39.74 | 3783 | G-12 | 6.39 | 40.58 | 3757 | G-12 | |
| 6 | SMI- 30 | 8 | 17.03.2015 | 3664.31 | 11.63 | 6.47 | 39.38 | 3749 | G-12 | 6.47 | 39.52 | 3740 | G-12 | |
| 7 | SMI- 31 | 8 | 17.03.2015 | 3461.23 | 11.82 | 6.32 | 38.85 | 3794 | G-12 | 6.23 | 39.57 | 3718 | G-12 | |
| 8 | SMI- 33 | 7 | 18.03.2015 | 3393.93 | 12.15 | 6.33 | 38.73 | 3742 | G-12 | 5.99 | 40.58 | 3757 | G-12 | |
| 9 | SMI- 34 | 8 | 18.03.2015 | 3522.51 | 11.98 | 6.19 | 39.13 | 3731 | G-12 | 6.17 | 40.11 | 3739 | G-12 | |
| 10 | SMI- 41 | 7 | 22.03.2015 | 3605.05 | 11.73 | 6.28 | 39.59 | 3788 | G-12 | 6.2 | 41.64 | 3717 | G-12 | |
| 11 | SMI- 49 | 8 | 24.03.2015 | 3064.16 | 12.36 | 6.37 | 39.91 | 3825 | G-12 | 6.24 | 39.82 | 3770 | G-12 | |
| 12 | SMI- 55 | 7 | 27.03.2015 | 3577.81 | 10.92 | 6.31 | 39.44 | 3799 | G-12 | 6.5 | 40.7 | 3732 | G-12 | |
| 13 | SMI- 61 | 7 | 31.03.2015 | 3643.12 | 11.95 | 6.46 | 40.01 | 3762 | G-12 | 6.22 | 41.48 | 3734 | G-12 | |

[Signature]
 Sr Manager
 COAL DESPATCH
 SR. MANAGER
 COAL DESPATCH
 BHARATPUR PROJECT M.C.L.



[Signature]
 REPRESENTATIVE
 NTPC, SIMHADRI
 ODISHA
 BARBIL

[Signature]
 REPRESENTATIVE
 BPR, MCL
 CHEMIST
 MCL, Bharatpur Project

COAL ANALYSIS LABORATORY

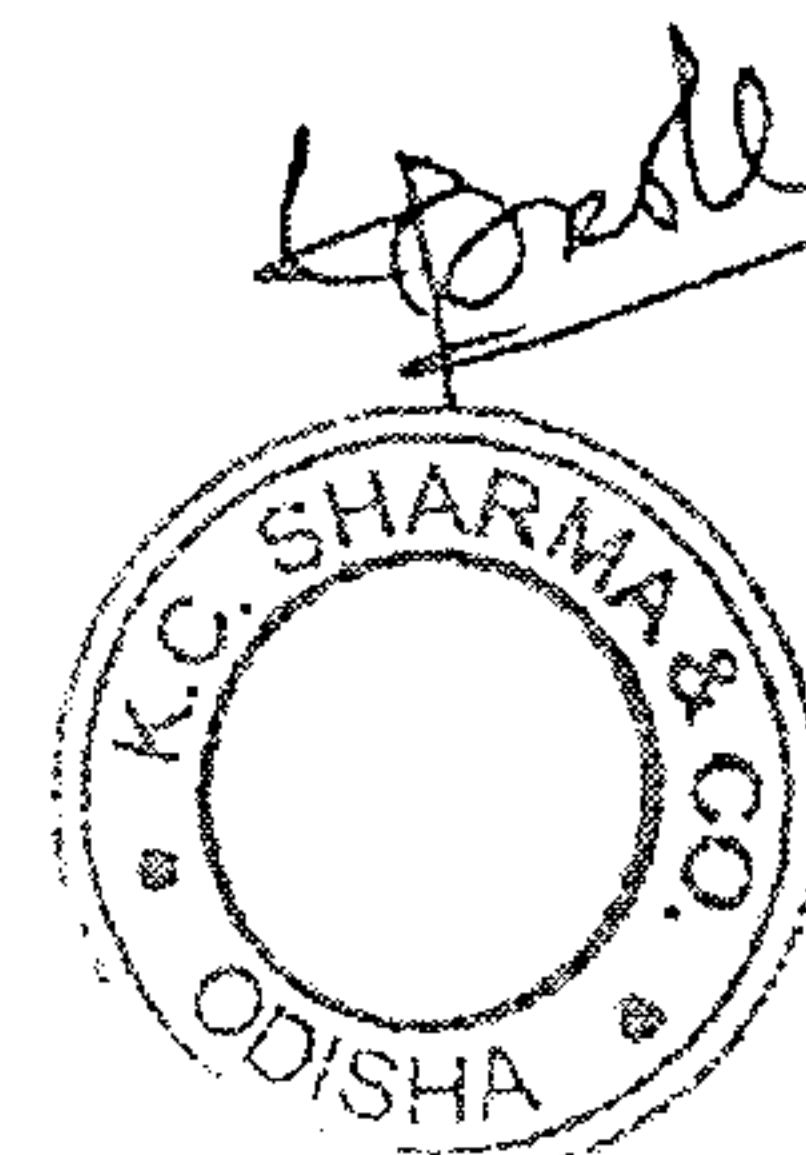
BHARATPUR PROJECT ,BHARATPUR AREA , M.C.L.


RECONCILE STATEMENT OF BHARATPUR OCP AND NTPC , KANIHA (KT) ANALYSIS RESULT OF COAL DESPATCH FROM SIDING 7 & 8.

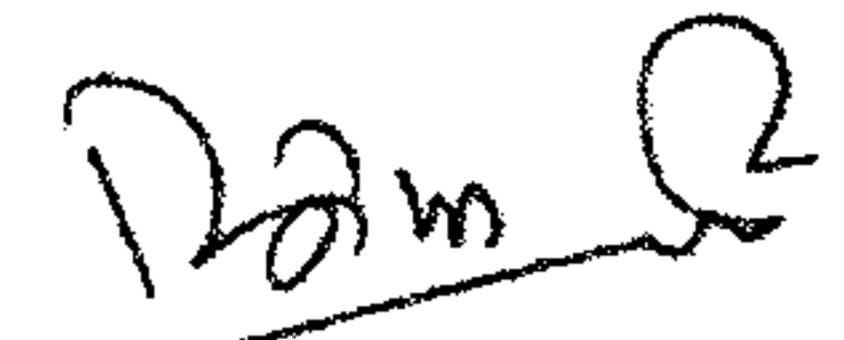
FOR THE MONTH OF :-MARCH -2015

| SL NO | SAMPLE NO | SIDING NO | DATE OF SAMPLING | RR WEIGHT | TM% | BHARATPUR COAL ANALYSIS LABORATORY (K C SHRMA & Co) ANALYSIS RESULT | | | | NTPC KANIHA (IGI) ANALYSIS RESULT | | | | REMARKS |
|-------|-----------|-----------|------------------|-----------|-------|---|-------|------|-------|-----------------------------------|------|-----|-------|---|
| | | | | | | IM% | ASH% | GCV | GRADE | IM% | ASH% | GCV | GRADE | |
| 1 | KT- 02 | 7 | 05.03.2015 | 3861.32 | 12.44 | 6.23 | 39.59 | 3761 | G-12 | — | — | — | — | Initially the rake was placed as JSPK-01 & the sample was drawn jointly with JSPK representative, then after the rake was diverted to NTPC , Kaniha as KT-02 from talcher station. So NTPC , KANIHA (IGI) analysis result is not available. |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |


 Sr Manager
 COAL DESPATCH
 SR. MANAGER
 COAL DESPATCH
 BHARATPUR PROJECT M.C.L.




 REPRESENTATIVE
 NTPC , KANIHA
 (IGI)


 REPRESENTATIVE
 BPR, MCL
CHEMIST
 MCL, Bharatpur Project

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

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THRD PARTY DURING THE PERIOD OF

MAR-2015

Annexure-I V

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

AREA: - BHARATPUR AREA

NAME OF COAL COMPANY:- MCL
ANALYSIS LABORATORY ... COAL ANALYSIS LABORATORY, BHARATPUR PROJECT, (BA) MCL.

| S L N O | Name of siding / colliery/ Loading point | Sized and declared GCV/ Gr | Date of Loading | No. of Wgs | Rake No./ Sample No. | Railway Receipt | | Qty In MT. as per RR | Destinati on 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 | 07 | G12 | 2.3.15 | 55 | 02 | 261004930 | 2.3.15 | 3505.55 | SEBD | 2.3.15 | 12.01 | 6.53 | 38.89 | 3740 | G12 |
| 2 | 08 | G12 | 2.3.15 | 58 | 03 | 261004932 | 2.3.15 | 3716.34 | SEBD | 2.3.15 | 12.22 | 6.34 | 39.83 | 3783 | G12 |
| 3 | 07 | G12 | 3.3.15 | 59 | 04 | 261004937 | 3.3.15 | 3813.84 | SEBD | 3.3.15 | 12.45 | 6.30 | 39.30 | 3773 | G12 |
| 4 | 08 | G12 | 9.3.15 | 59 | 16 | 261004955 | 9.3.15 | 3735.01 | SEBD | 9.3.15 | 12.76 | 6.22 | 39.54 | 3796 | G12 |
| 5 | 08 | G12 | 15.3.15 | 59 | 22 | 261004982 | 15.3.15 | 3564.04 | SEBD | 15.3.15 | 11.54 | 6.43 | 39.32 | 3746 | G12 |
| 6 | 08 | G12 | 20.3.15 | 58 | 28 | 261005003 | 20.3.15 | 3499.24 | SEBD | 20.3.15 | 10.86 | 6.63 | 38.47 | 3960 | G12 |
| 7 | 07 | G12 | 24.3.15 | 57 | 33 | 261005018 | 24.3.15 | 3529.53 | SEBD | 24.3.15 | 11.56 | 6.32 | 39.64 | 3782 | G12 |
| 8 | 07 | G12 | 28.3.15 | 59 | 37 | 261005035 | 28.3.15 | 3849.96 | SEBD | 28.3.15 | 11.35 | 6.32 | 39.65 | 3757 | G12 |
| | | | | | | | | | | | | | | | |
| | | Total | | Qty | | IN MT | | — | | 29213.51 | | | | | |

1. Samples received for analysis were sealed and jointly signed at loading ends.
 2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part-I) 1984 & IS 1350 (Part-II) 1970 for determination of GCV.
 3. Wagons statement is enclosed.
- Date

SIGNATURE OF REP
NAME:- B. N. C. Patra
NAME OF COAL CO. MCL
MCL, Bharatpur Project

SIGNATURE OF REP
NAME:- Anulya Patan Palec
NAME OF PURCHASER/
CONSUMER (M/S Sesa Sterlite)
M/S Cotrone Inspection Indus
for LTD

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



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

K C SHARMA & Co

H.O 15 Advance apartment Plot No.134 Ward 12/C Lila Shan Nagar
Gandhidham (Kulchh) 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

MAR-2015

Annexure-IV

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY:- MCL

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

AREA: - BHARATPUR AREA

MS GMR -

| S L N O | Name of siding / colliery/ Loadin g point | Sized and deklar ed GCV/ Gr | Date of Loading | No. of Wgs | Rake No./ Sample No. | Railway Receipt | | Qty in MT, as per RR | Destinati on PHS/ Consumer | Sample Collection date | T M % | Analyse result on equilibrated Condition at 60% RH & 40°C temperature. | | | |
|-------------------|--|--|--------------------|------------------|-------------------------------|-----------------|---------|----------------------------|-------------------------------------|------------------------------|----------|---|----------|---------------------|-------|
| | | | | | | No. | Date | | | | | Moist % | Ash % | GCV in K- Cal/Kg | Grade |
| 1 | 07 | G12 | 4.3.15 | 58 | 04 | 261004944 | 4.3.15 | 3675.12 | MGBK | 4.3.15 | 12.10 | 6.31 | 39.81 | 3764 | G12 |
| 2 | 08 | G12 | 8.3.15 | 59 | 11 | 261004950 | 8.3.15 | 3757.97 | MGBK | 8.3.15 | 12.17 | 6.16 | 39.02 | 3815 | G12 |
| 3 | 07 | G12 | 10.3.15 | 59 | 16 | 261004959 | 10.3.15 | 3703.40 | MGBK | 10.3.15 | 12.42 | 6.22 | 39.63 | 3804 | G12 |
| 4 | 08 | G12 | 11.3.15 | 58 | 18 | 261004961 | 11.3.15 | 3669.46 | MGBK | 11.3.15 | 12.08 | 6.29 | 39.31 | 3779 | G12 |
| 5 | 08 | G12 | 12.3.15 | 58 | 20 | 261004968 | 12.3.15 | 3724.56 | MGBK | 12.3.15 | 11.66 | 6.34 | 39.48 | 3726 | G12 |
| 6 | 07 | G12 | 12.3.15 | 58 | 21 | 261004970 | 12.3.15 | 3660.50 | MGBK | 12.3.15 | 12.28 | 6.53 | 39.91 | 3766 | G12 |
| 7 | 07 | G12 | 13.3.15 | 57 | 22 | 261004974 | 13.3.15 | 3822.51 | MGBK | 13.3.15 | 11.23 | 6.30 | 39.37 | 3825 | G12 |
| Total Qty IN MT — | | | | | | | | 26013.52 | | | | | | | |

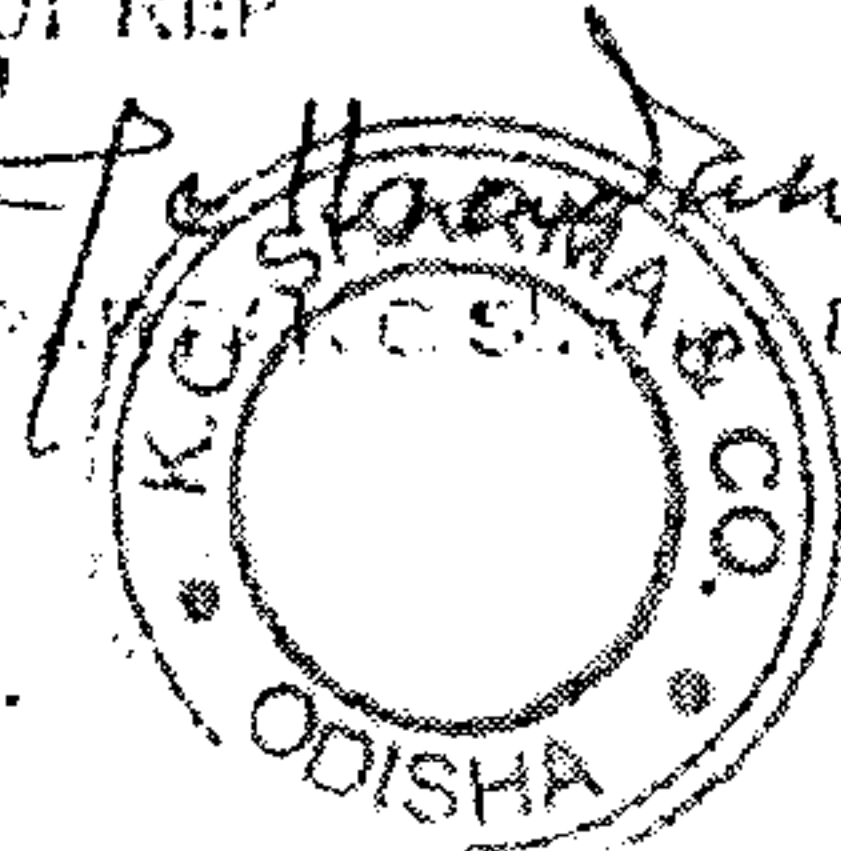
1. Samples received for analysis were sealed and jointly signed at loading ends.
 2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part-1) 1984 & IS 1350 (Part-II) 1970 for determination of GCV.
 3. Wagons statement is enclosed.
- Date

SIGNATURE OF REP
NAME:- *B. N. Palan*
CHEMIST
NAME OF COAL COMPANY
MCL, Bharatpur Project

SIGNATURE OF REP
NAME:- *Amulya Patan Patel*
NAME OF PURCHASER/
CONSUMER *M/s. Caterina Inspection
Deliver per Unit*

SIGNATURE OF REP
NAME:- *Pradeep*
NAME OF SUPPLIER
M/S GMR

(MS GMR)



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

SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

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

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

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

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF - MARCH-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 | 02-03-2015 | 59 | 6 | 262006670 | 02-03-2015 | 3664.51 | SEBD | 02-03-2015 | 6.8 | 40.8 | 3572.6 | G-13 |
| 2 | LOCM - I | G-13 | 04-03-2015 | 55 | 12 | 162000132 | 04-03-2015 | 3488.47 | SEBD | 04-03-2015 | 6.8 | 40.0 | 3619.8 | G-13 |
| 3 | LOCM - II | G-13 | 05-03-2015 | 59 | 14 | 162000082 | 05-03-2015 | 3523.25 | SEBD | 05-03-2015 | 6.9 | 40.0 | 3593.9 | G-13 |
| 4 | LOCM - II | G-13 | 06-03-2015 | 59 | 16 | 262001716 | 06-03-2015 | 3588.71 | SEBD | 06-03-2015 | 7.1 | 39.5 | 3659.6 | G-13 |
| 5 | LOCM - I | G-13 | 07-03-2015 | 57 | 24 | 162000134 | 07-03-2015 | 3452.53 | SEBD | 07-03-2015 | 6.8 | 39.8 | 3621.2 | G-13 |
| 6 | LOCM - II | G-13 | 08-03-2015 | 58 | 23 | 162000084 | 08-03-2015 | 3602.95 | SEBD | 08-03-2015 | 6.6 | 40.2 | 3595.6 | G-13 |
| 7 | LOCM - I | G-13 | 09-03-2015 | 56 | 29 | 262006677 | 09-03-2015 | 3419.69 | SEBD | 09-03-2015 | 6.7 | 39.4 | 3622.4 | G-13 |
| 8 | LOCM - II | G-13 | 12-03-2015 | 59 | 37 | 262001721 | 12-03-2015 | 3685.93 | SEBD | 12-03-2015 | 7.0 | 39.8 | 3611.0 | G-13 |
| 9 | LOCM - I | G-13 | 13-03-2015 | 59 | 42 | 162000136 | 13-03-2015 | 3704.53 | SEBD | 13-03-2015 | 6.9 | 39.7 | 3615.4 | G-13 |
| 10 | LOCM - I | G-13 | 15-03-2015 | 57 | 52 | 162000139 | 15-03-2015 | 3528.73 | SEBD | 15-03-2015 | 7.0 | 40.0 | 3628.5 | G-13 |
| 11 | LOCM - I | G-13 | 18-03-2015 | 58 | 62 | 162000142 | 18-03-2015 | 3614.20 | SEBD | 18-03-2015 | 6.7 | 40.8 | 3570.8 | G-13 |
| 12 | LOCM - I | G-13 | 18-03-2015 | 58 | 63 | 262006682 | 18-03-2015 | 3572.82 | SEBD | 18-03-2015 | 6.9 | 40.2 | 3600.9 | G-13 |
| 13 | LOCM - II | G-13 | 19-03-2015 | 57 | 63 | 162000093 | 19-03-2015 | 3456.53 | SEBD | 19-03-2015 | 7.0 | 39.6 | 3612.1 | G-13 |
| 14 | LOCM - II | G-13 | 20-03-2015 | 58 | 67 | 162000094 | 20-03-2015 | 3518.92 | SEBD | 20-03-2015 | 6.8 | 39.9 | 3582.4 | G-13 |

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

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

3. Wagon statements are enclosed.

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

Date-05.04.2015

Con Page-02

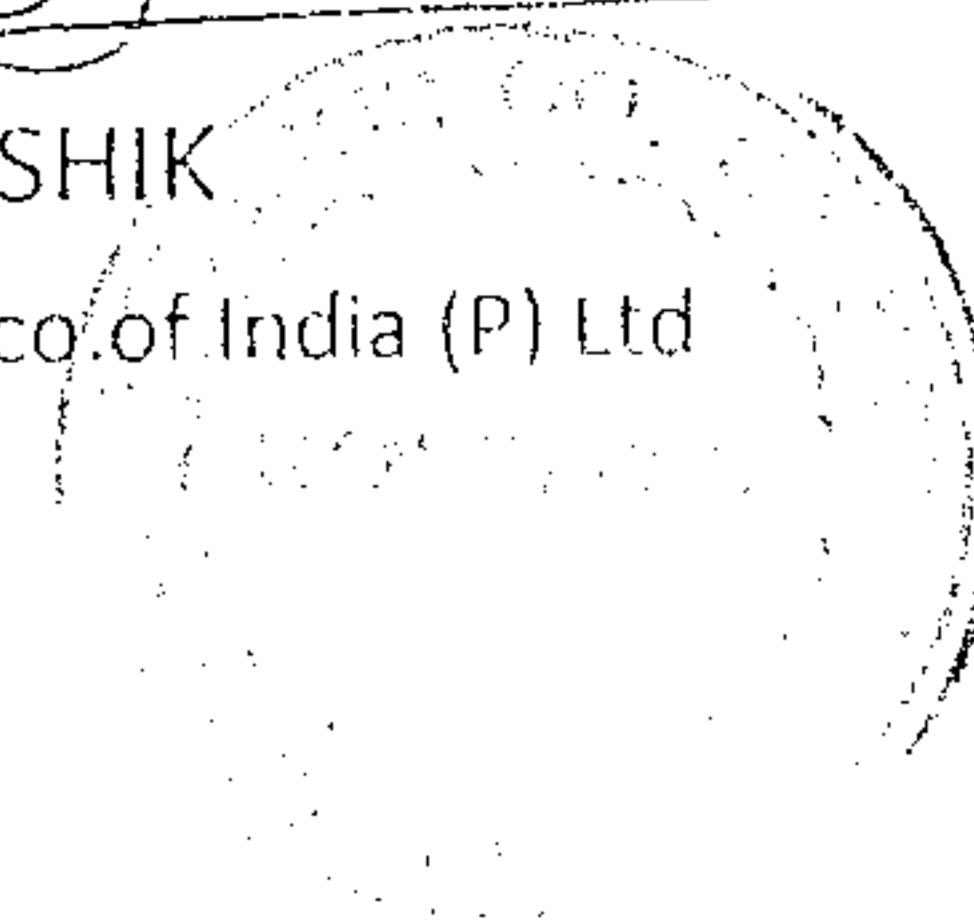
1. Concerned Area SM(QC)
2. Office of the GM(QC)Coal Co.
3. Office of Purchaser/Consumer.

Sign of Rep.

NAME: B. KAUSHIK

Superintendence co. of India (P) Ltd

B. Kaushik



Sign of Rep.

Name MANORANJAN

Name of Purchaser/Consumer

Manoranjan Senathia



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 MARCH-2015

Page - 02

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 |
| 15 | LOCM - I | G-13 | 22-03-2015 | 58 | 80 | 162000146 | 23-03-2015 | 3562.02 | SEBD | 22-03-2015 | 6.9 | 40.3 | 3581.9 | G-13 |
| 16 | LOCM - II | G-13 | 23-03-2015 | 59 | 76 | 162000098 | 22-03-2015 | 3768.80 | SEBD | 23-03-2015 | 6.3 | 42.0 | 3478.8 | G-13 |
| 17 | LOCM - I | G-13 | 24-03-2015 | 55 | 90 | 162000149 | 25-03-2015 | 3454.21 | SEBD | 24-03-2015 | 6.5 | 41.0 | 3579.4 | G-13 |
| 18 | LOCM - I | G-13 | 25-03-2015 | 57 | 91 | 162000148 | 25-03-2015 | 3611.53 | SEBD | 25-03-2015 | 6.2 | 42.6 | 3462.6 | G-13 |
| 19 | LOCM - II | G-13 | 26-03-2015 | 56 | 84 | 162000099 | 26-03-2015 | 3428.44 | SEBD | 26-03-2015 | 6.6 | 40.5 | 3549.7 | G-13 |
| 20 | LOCM - I | G-13 | 26-03-2015 | 56 | 98 | 142000094 | 27-03-2015 | 3551.54 | SEBD | 26-03-2015 | 7.0 | 39.4 | 3621.4 | G-13 |
| 21 | LOCM - I | G-13 | 27-03-2015 | 57 | 99 | 462000055 | 27-03-2015 | 3613.43 | SEBD | 27-03-2015 | 6.5 | 41.2 | 3521.1 | G-13 |
| 22 | LOCM - II | G-13 | 30-03-2015 | 59 | 95 | 162000104 | 30-03-2015 | 3728.11 | SEBD | 30-03-2015 | 6.7 | 40.7 | 3577.4 | G-13 |
| 23 | LOCM - I | G-13 | 30-03-2015 | 59 | 96 | 162000105 | 31-03-2015 | 3607.35 | SEBD | 30-03-2015 | 6.9 | 39.4 | 3644.6 | G-13 |
| 24 | LOCM - I | G-13 | 31-03-2015 | 59 | 113 | 462000057 | 31-03-2015 | 3693.34 | SEBD | 31-03-2015 | 6.8 | 40.9 | 3547.7 | G-13 |
| 25 | LOCM - I | G-13 | 31-03-2015 | 59 | 114 | 262006696 | 31-03-2015 | 3711.65 | SEBD | 31-03-2015 | 6.1 | 42.9 | 3436.9 | G-13 |
| TOTAL | | | | | | | | 89552.19 | | | | | | |
| WEIGHTED AVERAGE | | | | | | | | | | | 6.5 | 40.4 | 3579.6 | G-13 |

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

Date-05.04.2015

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

3. Wagon statements are enclosed.

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

1. Concerned Area SM(QC)

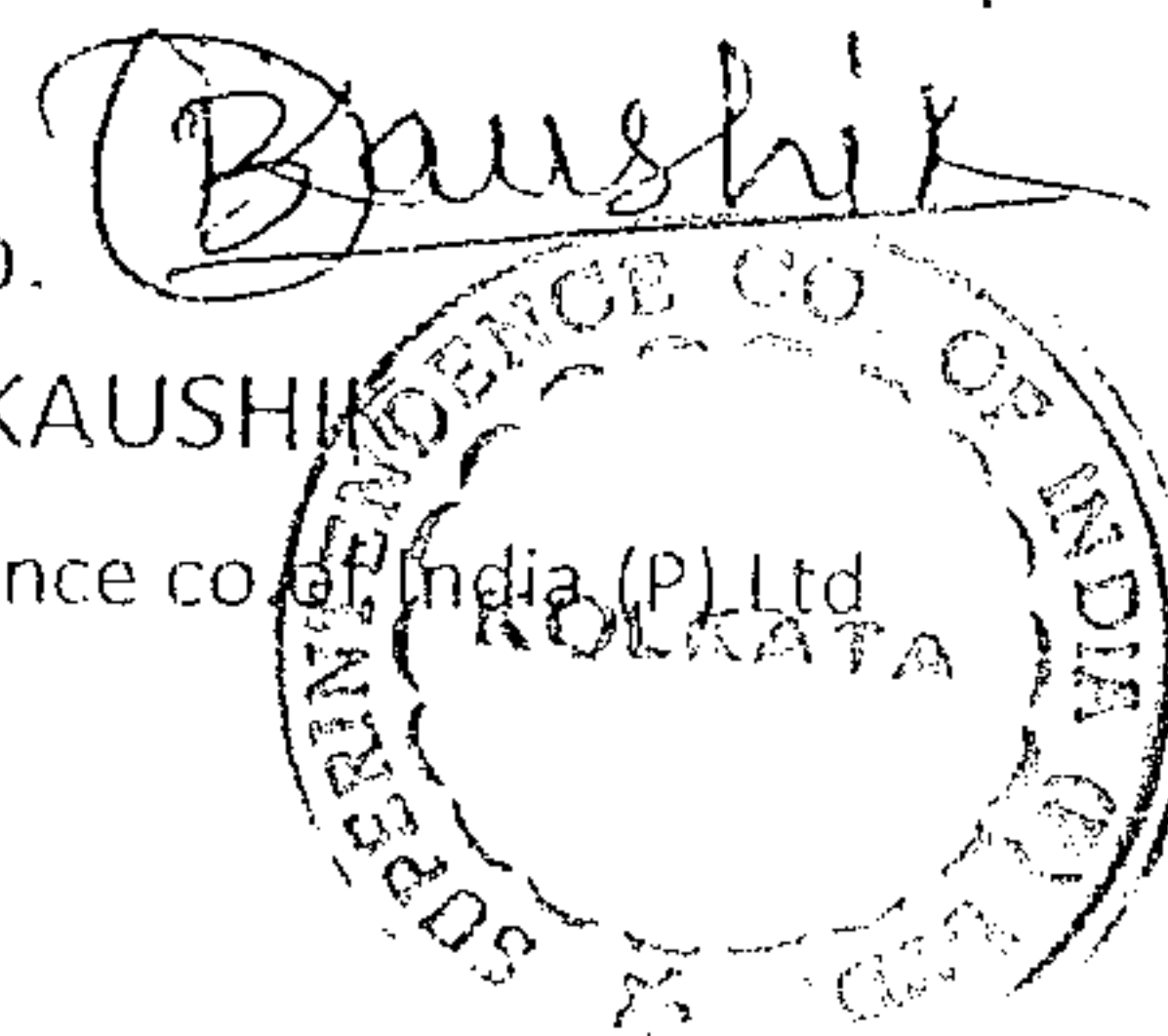
2. Office of the GM(QC) Coal Co.

3. Office of Purchaser/Consumer.

Sign of Rep.

NAME: B. KAUSHIK

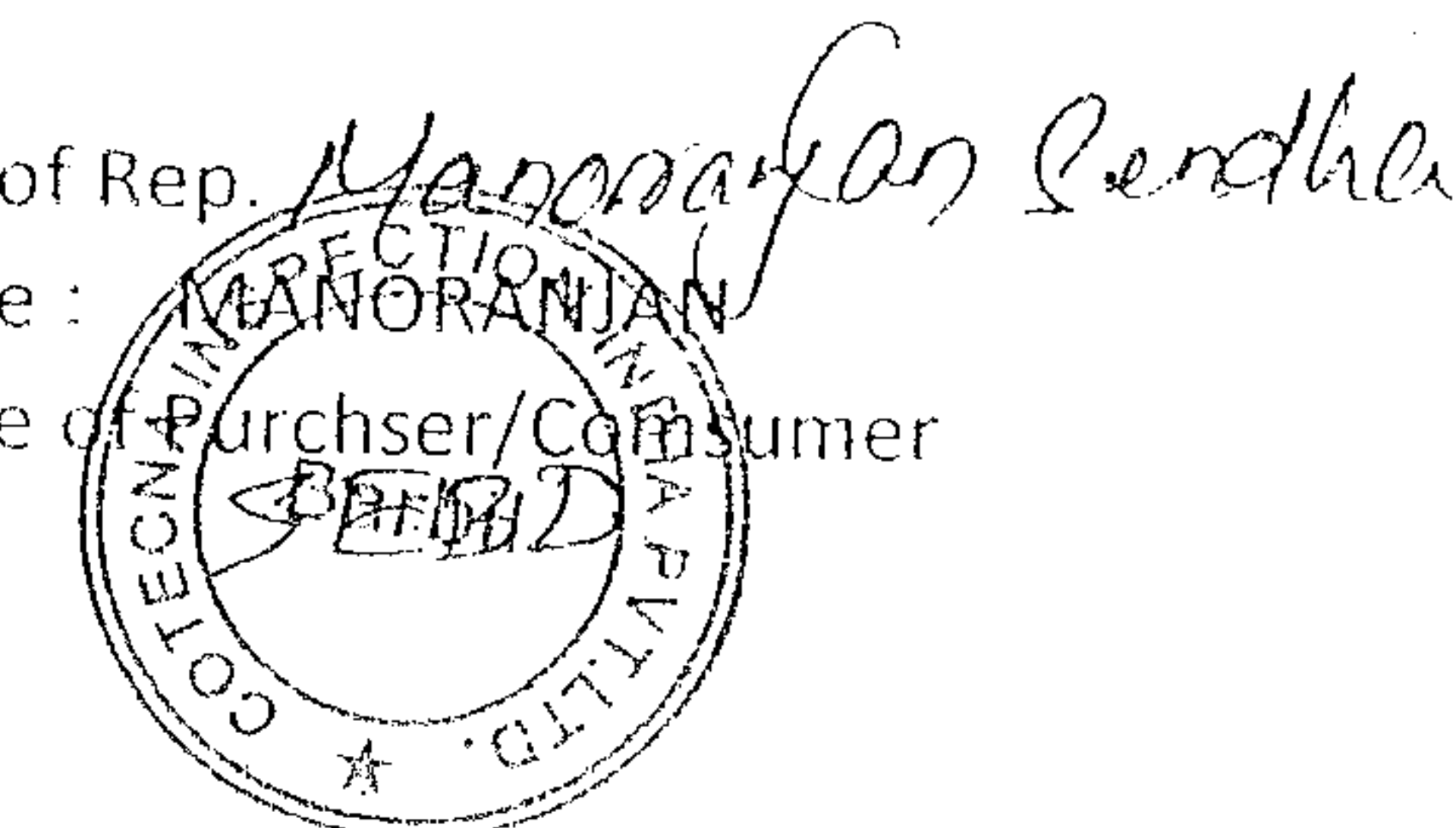
Superintendence co. of India (P) Ltd



Sign of Rep.

Name : MANORANJAN

Name of Purchser/Consumer



SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Annexure-IV

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

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

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

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF - MARCH-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 - II | G-13 | 01-03-2015 | 55 | 1 | 162000131 | 01-03-2015 | 3571.83 | NTPC/SIM | 01-03-2015 | 10.2 | 6.1 | 42.9 | 3437.8 | G-13 |
| 2 | LOCM - I | G-13 | 01-03-2015 | 58 | 2 | 262006667 | 01-03-2015 | 3804.72 | NTPC/SIM | 01-03-2015 | 10.8 | 6.7 | 39.9 | 3561.0 | G-13 |
| 3 | LOCM - I | G-13 | 01-03-2015 | 58 | 3 | 262006668 | 01-03-2015 | 3566.02 | NTPC/SIM | 01-03-2015 | 11.2 | 6.9 | 39.5 | 3571.2 | G-13 |
| 4 | LOCM - II | G-13 | 03-03-2015 | 59 | 8 | 262001713 | 04-03-2015 | 3556.01 | NTPC/SIM | 03-03-2015 | 11.4 | 7.0 | 39.7 | 3627.8 | G-13 |
| 5 | LOCM - II | G-13 | 05-03-2015 | 59 | 15 | 242000088 | 06-03-2015 | 3528.87 | NTPC/SIM | 05-03-2015 | 10.9 | 6.7 | 40.4 | 3590.1 | G-13 |
| 6 | LOCM - I | G-13 | 05-03-2015 | 58 | 18 | 242000407 | 06-03-2015 | 3639.62 | NTPC/SIM | 06-03-2015 | 11.1 | 6.9 | 39.7 | 3620.9 | G-13 |
| 7 | LOCM - I | G-13 | 06-03-2015 | 57 | 19 | 262006672 | 06-03-2015 | 3500.74 | NTPC/SIM | 06-03-2015 | 11.3 | 7.0 | 39.7 | 3634.8 | G-13 |
| 8 | LOCM - II | G-13 | 07-03-2015 | 56 | 22 | 242000089 | 08-03-2015 | 3411.15 | NTPC/SIM | 07-03-2015 | 11.0 | 6.8 | 40.2 | 3592.4 | G-13 |
| 9 | LOCM - II | G-13 | 08-03-2015 | 55 | 25 | 262001718 | 08-03-2015 | 3311.45 | NTPC/SIM | 08-03-2015 | 11.7 | 6.9 | 39.7 | 3629.1 | G-13 |
| 10 | LOCM - II | G-13 | 08-03-2015 | 58 | 26 | 262001719 | 09-03-2015 | 3575.45 | NTPC/SIM | 09-03-2015 | 10.7 | 6.6 | 40.0 | 3611.5 | G-13 |
| 11 | LOCM - I, | G-13 | 10-03-2015 | 56 | 32 | 262001720 | 11-03-2015 | 3421.09 | NTPC/SIM | 10-03-2015 | 10.8 | 6.8 | 40.2 | 3585.5 | G-13 |

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

CONT... PAGE 02

Date-05.04.2015

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: B. KAUSHIK

Superintendence co.of India (P) Ltd

B. Kaushik



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 - MARCH-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 | TM% | Analysis result on equilibrated condition of 60%RH 40 ^o C temp./GCV | | | |
|---|---------------------------------------|----------------------------|-----------------|-------------|----------|-----------------|------------|-----------------|--------------------------|------------------------|--------------|--|--------------|----------------|-------------|
| | | | | | | No. | Date | | | | | M% | Ash% | GCV | Grade |
| 12 | LOCM - I | G-13 | 11-03-2015 | 58 | 36 | 262006680 | 11-03-2015 | 3603.82 | NTPC/SIM | 11-03-2015 | 10.4 | 6.9 | 40.1 | 3601.9 | G-13 |
| 13 | LOCM - II | G-13 | 21-03-2015 | 56 | 70 | 162000095 | 21-03-2015 | 3516.64 | NTPC/SIM | 21-03-2015 | 10.5 | 6.9 | 40.0 | 3592.0 | G-13 |
| 14 | LOCM - II | G-13 | 21-03-2015 | 56 | 71 | 262001731 | 22-03-2015 | 3494.02 | NTPC/SIM | 22-03-2015 | 10.2 | 7.0 | 39.8 | 3600.0 | G-12 |
| 15 | LOCM - II | G-13 | 22-03-2015 | 58 | 74 | 262001733 | 23-03-2015 | 3625.42 | NTPC/SIM | 22-03-2015 | 9.5 | 6.6 | 41.3 | 3532.7 | G-13 |
| 16 | LOCM - I | G-13 | 22-03-2015 | 58 | 83 | 262006689 | 22-03-2015 | 3601.12 | NTPC/SIM | 23-03-2015 | 9.9 | 6.7 | 39.6 | 3617.4 | G-13 |
| 17 | LOCM - I | G-13 | 25-03-2015 | 55 | 93 | 262006694 | 25-03-2015 | 3387.61 | NTPC/SIM | 25-03-2015 | 10.0 | 6.8 | 39.7 | 3622.6 | G-13 |
| 18 | LOCM - II | G-13 | 27-03-2015 | 59 | 88 | 162000100 | 27-03-2015 | 3740.58 | NTPC/SIM | 27-03-2015 | 10.2 | 6.9 | 39.3 | 3613.8 | G-13 |
| 19 | LOCM - II | G-13 | 29-03-2015 | 58 | 94 | 162000103 | 29-03-2015 | 3736.13 | NTPC/SIM | 29-03-2015 | 9.8 | 6.6 | 40.3 | 3595.9 | G-13 |
| 20 | LOCM - II | G-13 | 30-03-2015 | 59 | 97 | 162000106 | 31-03-2015 | 3609.31 | NTPC/SIM | 30-03-2015 | 10.1 | 6.8 | 39.7 | 3632.4 | G-13 |
| TOTAL | | | | | | | | 71201.60 | | | | | | | |
| WEIGHTED AVERAGE | | | | | | | | | | | 10.58 | 6.78 | 40.09 | 3593.27 | G-13 |
| SURFACE MOISTURE % IN WEIGHTED AVERAGE | | | | | | | | | 3.80 | | | | | | |

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

Date-05.04.2015

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.

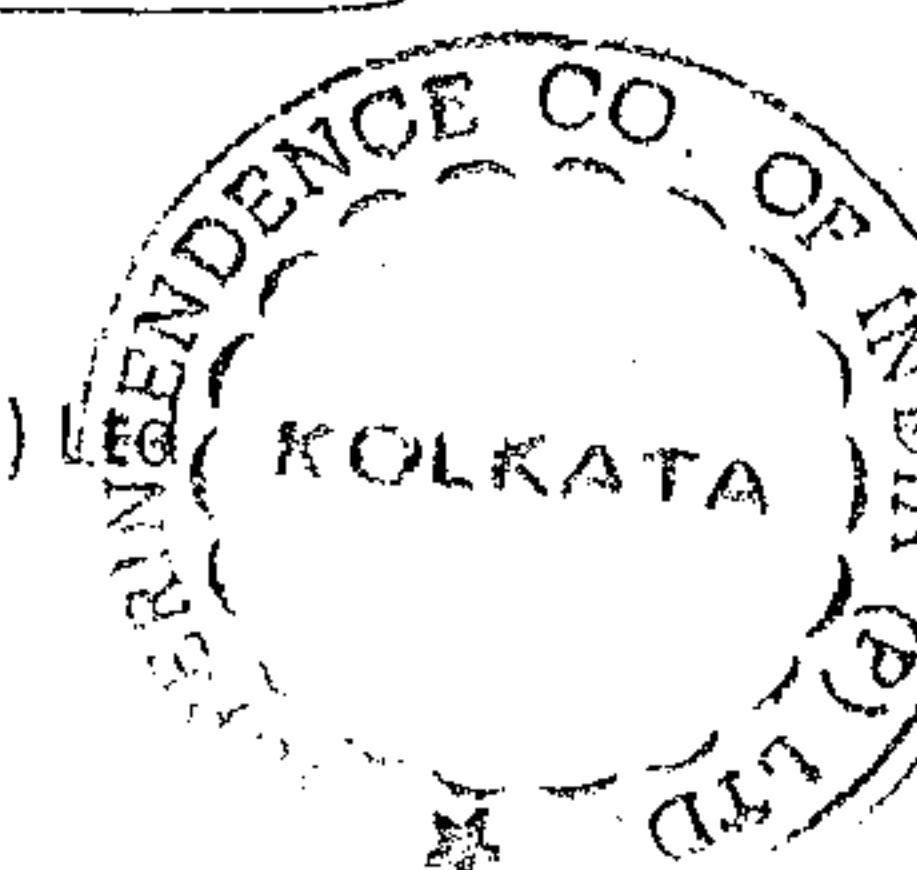
3.Office of Purchaser/Consumer.

Sign of Rep.

NAME: B. KAUSHIK

Superintendence co.of India (P)

B. Kaushik



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 -W, 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 MARCH- 2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

MCL

AREA : LAKHANPUR

NAME OF THE COAL COMPANY :

AREA LAB. , LAKHANPUR

ANALYSIS 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 | Analysis result on equilibrated condition of 60%RH 40* C temp./GCV | | | | |
|-------------------------|--|----------------------------|-----------------|-------------|----------|-----------------|---------|---------------|--------------------------|------------------------|--|------|--------|-------|--|
| | | | | | | No. | Date | | | | M% | Ash% | GCV | Grade | |
| 1 | BOCM-I | G-13 | 3.3.15 | 55 | 1\7 | 162000215 | 5.3.15 | 3428.75 | SEBD | 3.3.15 | 6.2 | 41.8 | 3459.6 | G-13 | |
| 2 | BOCM-II | G-13 | 10.3.15 | 57 | 2\22 | 162000231 | 11.3.15 | 3696.98 | SEBD | 10.3.15 | 6.3 | 40.4 | 3544.4 | G-13 | |
| 3 | BOCM-II | G-13 | 11.3.15 | 59 | 2\24 | 162000234 | 12.3.15 | 3757.92 | SEBD | 11.3.15 | 6.2 | 41.7 | 3534.5 | G-13 | |
| 4 | BOCM-I | G-13 | 14.3.15 | 56 | 1\30 | 162000037 | 15.3.15 | 3527.84 | SEBD | 14.3.15 | 6.1 | 41.2 | 3575.1 | G-13 | |
| 5 | BOCM-I | G-13 | 16.3.15 | 57 | 1\33 | 162000240 | 17.3.15 | 3584.13 | SEBD | 16.3.15 | 6.3 | 40.8 | 3543.7 | G-13 | |
| 6 | BOCM-II | G-13 | 20.3.15 | 55 | 2\43 | 142000015 | 22.3.15 | 3468.16 | SEBD | 20.3.15 | 6.1 | 41.2 | 3567.2 | G-13 | |
| 7 | BOCM-II | G-13 | 21.3.15 | 58 | 6\66 | 162000218 | 22.3.15 | 3707.72 | SEBD | 21.3.15 | 6.6 | 40.4 | 3564.0 | G-13 | |
| 8 | BOCM-VI | G-13 | 24.3.15 | 57 | 7\69 | 162000229 | 25.3.15 | 3594.08 | SEBD | 24.3.15 | 6.5 | 40.8 | 3542.3 | G-13 | |
| 9 | BOCM-VII | G-13 | 24.3.15 | 57 | 7\69 | 162000229 | 25.3.15 | 3594.08 | SEBD | 24.3.15 | 6.5 | 40.8 | 3542.3 | G-13 | |
| 10 | BOCM-II | G-13 | 25.3.15 | 59 | 2\54 | 162000258 | 26.3.15 | 3657.63 | SEBD | 25.3.15 | 6.3 | 40.8 | 3529.2 | G-13 | |
| 11 | BOCM-II | G-13 | 27.3.15 | 56 | 2\59 | 162000259 | 29.3.15 | 3471.44 | SEBD | 27.3.15 | 6.0 | 40.4 | 3657.4 | G-13 | |
| 11 | BOCM-II | G-13 | 28.3.15 | 58 | 2\61 | 162000261 | 30.3.15 | 3629.08 | SEBD | 28.3.15 | 6.3 | 40.7 | 3535.2 | G-13 | |
| TOTAL | | | | | | | | | | | 6.3 | 40.9 | 3550.1 | | |
| WEIGHTED AVERAGE | | | | | | | | | | | | | | | |

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

Date-5-04-2015

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 *[Signature]*
 Sr. Sign of Rep *[Signature]*
 NAME: *[Name]*
 LAKHANPUR Laboratory (COAL)
 NAME OF COAL CO.
 LAKHANPUR AREA,
 लखनपुर क्षेत्र

Sign of Rep *[Signature]*
 NAME: Manoj Kumar Sen
 NAME OF CONSUMER

Sign of Rep *[Signature]*
 NAME: BHARAT SAHU
 Superintendence co. of India (P) Ltd

#0170 P. 001/008

CGMLKPA

04/18/2015 12:14 06645283358

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 FEBRAURY- 2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF THE COAL COMPANY :

MCL

AREA :

LAKHANPUR

ANALYSIS LABORATORY :

AREA LAB. , LAKHANPUR

| Sl. No. | Name of siding/ colliery/loading point | Sized & declared GCV/Grade | Date of loading | No. of Wags | Rake No. | Railway receipt | | Qty As Per RR | Destination PHS/consumer | Sample collection date | TM% | Analysis result on equilibrated condition of 60%RH 40* C temp./GCV | | | |
|---|--|----------------------------|-----------------|-------------|----------|-----------------|---------|-----------------|--------------------------|------------------------|-------------|--|-------------|---------------|-------|
| | | | | | | No. | Date | | | | | M% | Ash% | GCV | Grade |
| 1 | BOCM-II | G-13 | 4.3.15 | 55 | 2\8 | 168000218 | 7.3.15 | 3412.15 | STDV | 4.3.15 | 10.8 | 6.0 | 42.4 | 3460.0 | G-13 |
| 2 | BOCM-II | G-13 | 5.3.15 | 52 | 2\10 | 162000220 | 7.3.15 | 3374.19 | STDV | 5.3.15 | 11.0 | 6.3 | 41.9 | 3487.4 | G-13 |
| 3 | BOCM-I | G-13 | 6.3.15 | 57 | 1\14 | 262010730 | 8.3.15 | 3553.63 | STDV | 6.3.15 | 12.4 | 6.2 | 42.2 | 3480.6 | G-13 |
| 4 | BOCM-I | G-13 | 10.3.15 | 59 | 1\25 | 162000032 | 12.3.15 | 3346.68 | STDV | 10.3.15 | 11.9 | 6.1 | 41.1 | 3537.0 | G-13 |
| 5 | BOCM-II | G-13 | 11.3.15 | 57 | 2\26 | 262010731 | 13.3.15 | 3472.70 | STDV | 11.3.15 | 11.7 | 6.3 | 41.6 | 3551.6 | G-13 |
| 6 | BOCM-II | G-13 | 21.3.15 | 56 | 2\46 | 162000250 | 23.3.15 | 3321.86 | STDV | 21.3.15 | 11.5 | 6.1 | 42.0 | 3586.4 | G-13 |
| 7 | BOCM-VI | G-13 | 22.3.15 | 58 | 6\71 | 162000223 | 24.3.15 | 3604.82 | STDV | 22.3.15 | 10.8 | 6.2 | 42.1 | 3513.4 | G-13 |
| 8 | BOCM-III | G-13 | 28.3.15 | 55 | 3\43 | 162000070 | 30.3.15 | 3316.15 | STDV | 28.3.15 | 11.2 | 6.1 | 40.9 | 3675.0 | G-13 |
| 9 | BOCM-III | G-13 | 28.3.15 | 56 | 3\44 | 1620000711 | 30.3.15 | 3265.94 | STDV | 28.3.15 | 11.5 | 6.4 | 40.0 | 3512.5 | G-13 |
| 10 | BOCM-I | G-13 | 30.3.15 | 55 | 1\65 | 162000268 | 1.4.15 | 3203.71 | STDV | 30.3.15 | 11.6 | 6.3 | 41.5 | 3580.8 | G-13 |
| 11 | BOCM-VII | G-13 | 31.3.15 | 58 | 7\85 | 162000242 | 1.4.15 | 3877.87 | STDV | 31.3.15 | 11.2 | 6.3 | 40.6 | 3571.0 | G-13 |
| TOTAL | | | | | | | | 37749.70 | | | | | | | |
| WEIGHTED AVERAGE | | | | | | | | | | | 11.4 | 6.2 | 41.5 | 3540.9 | |
| SURFACE MOISTURE % IN WEIGHTED AVERAGE | | | | | | | | | | | 5.2 | | | | |

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


Date:05.04.2015

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

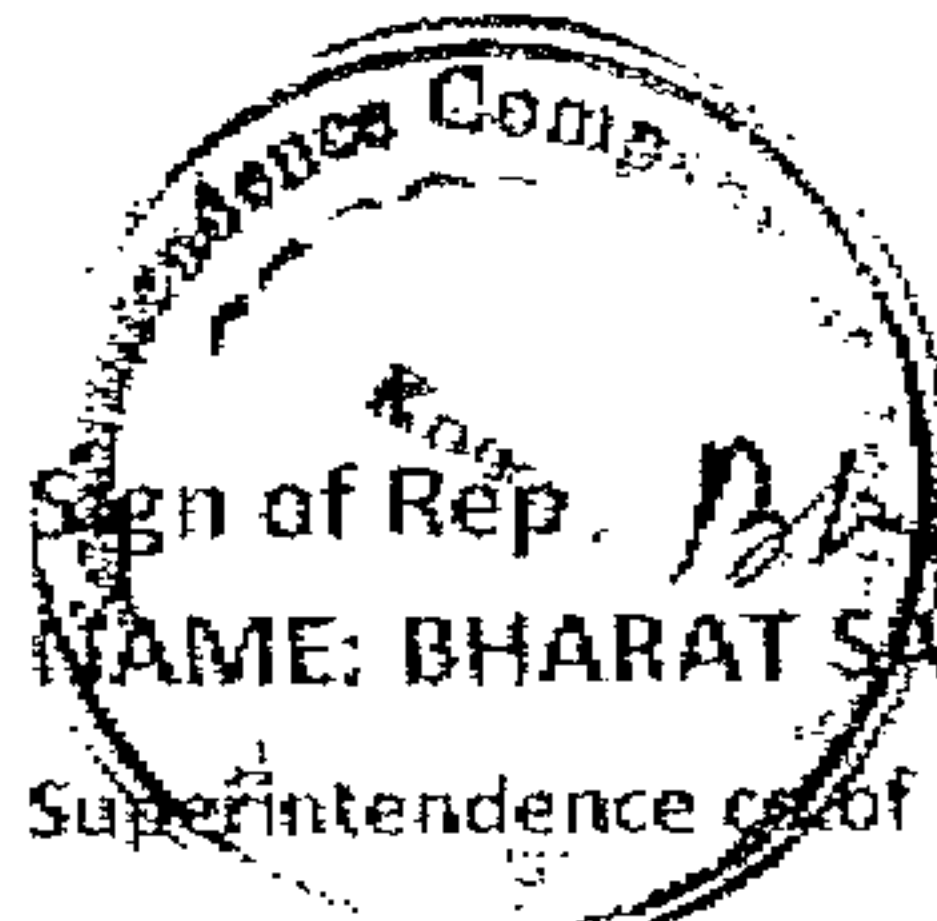

3. Wagon's statement are enclosed .

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.


 Sr. Tech. Insp. / Lab. Tech
 NAME:
 Lakhanpur Laboratory (COAL)
 LAKHANPUR AREA,
 SUPERINTENDENCE CO.

Sign of Rep
 NAME:
 NAME OF CONSUMER


 Sign of Rep. 
 NAME: BHARAT SAHU
 Superintendence Co. of India (P) Ltd

#0170 P. 002/003

CGMLKPA

04/18/2015 12:14 06645233353

DAYWISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN FROM BELT BY M/s COTECNA INSPECTION INDIA PVT LTD &
M/S K.C.S SHARMA & CO. DURING THE MONTH OF **MARCH** **2015**

| SL NO | DATE | SIDG | SAMPLE NO | R R QNTY | ANALYSED BY M/S K.C.SHARMA & CO | | | | | ANALYSED BY M/S COTECNA INSP IND PVT LTD | | | | |
|-------|-----------|------|-----------|----------|---------------------------------|--|-------|------|-----|--|--|-------|------|-----|
| | | | | | TM% | ANALYSIS RESULT ON EQUILIBERATED BASIS | | | | TM% | ANALYSIS RESULT ON EQUILIBERATED BASIS | | | |
| | | | | | | M% | A% | GCV | Gr | | M% | A% | GCV | Gr |
| 1 | 1-Mar-15 | NA | JB-329 | 5600 | 11.85 | 6.52 | 39.79 | 3792 | G12 | 11.85 | 6.33 | 40.14 | 3738 | G12 |
| 2 | 2-Mar-15 | NA | JB-330 | 5300 | 10.39 | 6.32 | 39.13 | 3891 | G12 | 10.39 | 6.21 | 39.05 | 3822 | G12 |
| 3 | 3-Mar-15 | NA | JB-331 | 3340 | 11.78 | 6.55 | 39.97 | 3895 | G12 | 11.78 | 6.37 | 40.27 | 3832 | G12 |
| 4 | 4-Mar-15 | NA | JB-332 | 4010 | 11.38 | 6.48 | 40.05 | 3787 | G12 | 11.38 | 6.55 | 40.20 | 3734 | G12 |
| 5 | 5-Mar-15 | NA | JB-333 | 4100 | 12.84 | 6.53 | 40.11 | 3764 | G12 | 12.84 | 6.53 | 37.25 | 3725 | G12 |
| 6 | 6-Mar-15 | NA | JB-334 | 4820 | 11.79 | 6.45 | 39.20 | 3854 | G12 | 11.79 | 6.33 | 39.48 | 3790 | G12 |
| 7 | 7-Mar-15 | NA | JB-335 | 3650 | 11.62 | 6.51 | 39.75 | 3808 | G12 | 11.62 | 6.53 | 40.35 | 3752 | G12 |
| 8 | 8-Mar-15 | NA | JB-336 | 5600 | 10.72 | 6.54 | 40.24 | 3773 | G12 | 10.72 | 6.49 | 40.35 | 3711 | G12 |
| 9 | 9-Mar-15 | NA | JB-337 | 5280 | 11.19 | 6.36 | 40.19 | 3799 | G12 | 11.19 | 6.06 | 40.52 | 3731 | G12 |
| 10 | 10-Mar-15 | NA | JB-338 | 3900 | 11.57 | 6.33 | 39.85 | 3825 | G12 | 11.57 | 6.51 | 40.73 | 3768 | G12 |
| 11 | 11-Mar-15 | NA | JB-339 | 5000 | 10.81 | 6.75 | 40.13 | 3712 | G12 | 10.81 | 6.52 | 41.30 | 3724 | G12 |
| 12 | 12-Mar-15 | NA | JB-340 | 4520 | 11.28 | 6.51 | 39.81 | 3799 | G12 | 11.28 | 6.30 | 41.72 | 3731 | G12 |
| 13 | 13-Mar-15 | NA | JB-341 | 4100 | 12.04 | 6.55 | 40.02 | 3790 | G12 | 12.04 | 6.53 | 41.22 | 3745 | G12 |
| 14 | 14-Mar-15 | NA | JB-342 | 3170 | 12.39 | 6.51 | 39.74 | 3821 | G12 | 12.39 | 6.41 | 41.81 | 3712 | G12 |
| 15 | 15-Mar-15 | NA | JB-343 | 3730 | 11.94 | 6.53 | 40.18 | 3779 | G12 | 11.94 | 6.59 | 42.14 | 3717 | G12 |
| 16 | 16-Mar-15 | NA | JB-344 | 5500 | 12.76 | 6.29 | 39.82 | 3837 | G12 | 12.76 | 6.30 | 41.23 | 3744 | G12 |
| 17 | 17-Mar-15 | NA | JB-345 | 3860 | 11.51 | 6.87 | 38.06 | 3870 | G12 | 11.51 | 6.19 | 40.07 | 3758 | G12 |
| 18 | 18-Mar-15 | NA | JB-346 | 3360 | 12.39 | 6.41 | 39.70 | 3814 | G12 | 12.39 | 6.41 | 39.35 | 3738 | G12 |
| 19 | 19-Mar-15 | NA | JB-347 | 2850 | 11.53 | 6.39 | 40.24 | 3779 | G12 | 11.53 | 6.51 | 40.22 | 3748 | G12 |
| 20 | 20-Mar-15 | NA | JB-348 | 2520 | 11.79 | 6.47 | 40.19 | 3795 | G12 | 11.79 | 6.37 | 40.50 | 3779 | G12 |
| 21 | 21-Mar-15 | NA | JB-349 | 4050 | 12.56 | 6.68 | 39.63 | 3833 | G12 | 12.56 | 6.33 | 39.91 | 3761 | G12 |
| 22 | 22-Mar-15 | NA | JB-350 | 3350 | 12.13 | 6.03 | 40.27 | 3791 | G12 | 12.13 | 6.50 | 39.92 | 3791 | G12 |
| 23 | 23-Mar-15 | NA | JB-351 | 2150 | 11.66 | 6.37 | 39.29 | 3880 | G12 | 11.66 | 6.51 | 39.98 | 3773 | G12 |
| 24 | 24-Mar-15 | NA | JB-352 | 2180 | 11.58 | 6.36 | 39.80 | 3775 | G12 | 11.58 | 6.54 | 40.48 | 3768 | G12 |
| 25 | 25-Mar-15 | NA | JB-353 | 2450 | 12.39 | 6.84 | 39.19 | 3796 | G12 | 12.39 | 6.51 | 40.38 | 3759 | G12 |
| 26 | 26-Mar-15 | NA | JB-354 | 4450 | 10.94 | 6.39 | 39.36 | 3832 | G12 | 10.94 | 6.64 | 40.54 | 3748 | G12 |
| 27 | 27-Mar-15 | NA | JB-355 | 4000 | 11.30 | 6.25 | 40.02 | 3734 | G12 | 11.30 | 6.38 | 40.40 | 3774 | G12 |
| 28 | 28-Mar-15 | NA | JB-356 | 4250 | 10.72 | 6.61 | 40.00 | 3814 | G12 | 10.72 | 6.26 | 40.28 | 3756 | G12 |
| 29 | 29-Mar-15 | NA | JB-357 | 4200 | 11.68 | 6.48 | 39.52 | 3837 | G12 | 11.68 | 6.18 | 40.2 | 3772 | G12 |
| 30 | 30-Mar-15 | NA | JB-358 | 1800 | 12.01 | 6.52 | 40.20 | 3777 | G12 | 12.01 | 6.72 | 40.4 | 3767 | G12 |
| 31 | 31-Mar-15 | NA | JB-359 | 3900 | 11.08 | 6.52 | 40.21 | 3772 | G12 | 11.08 | 6.75 | 39.9 | 3790 | G12 |

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

SIGNATURE OF M/S CTECNA INSP IND PVT LTD

Amayli

Amayli

**RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/S COTECNA INSPECTION INDIA PVT LTD & M/S K.C.SHARMA & CO.
DURING THE PERIOD OF **MARCH** 2015**

| SL NO | DATE | SDG | SAMPLE NO | No of Box | C.Rake No | R. R. No. | R. R. QTY | ANALYSED BY M/S K.C.SHARMA & CO | | | | | ANALYSED BY M/S COTECNA INSPECTION INDIA PVT LTD | | | | |
|-------|-----------|-----|-----------|-----------|-----------|-----------|-----------|---------------------------------|---------------------------------------|-------|------|-----|--|---------------------------------------|-------|------|-----|
| | | | | | | | | TM% | ANALYSIS RESULT ON EQUILIBRATED BASIS | | | | TM% | ANALYSIS RESULT ON EQUILIBRATED BASIS | | | |
| | | | | | | | | | M% | A% | GCV | Gr | | M% | A% | GCV | Gr |
| 1 | 1-Mar-15 | 5 | TTPS-02 | 59/58 | 9 | 261008069 | 3713.95 | 10.89 | 6.39 | 40.04 | 3776 | G12 | 10.89 | 6.13 | 40.40 | 3725 | G12 |
| 2 | 2-Mar-15 | 3 | TTPS-04 | 58/56 | 8 | 261009061 | 3603.65 | 12.23 | 6.58 | 39.05 | 3850 | G12 | 12.23 | 6.59 | 39.59 | 3785 | G12 |
| 3 | 3-Mar-15 | 1 | TTPS-05 | 59/59 | 11 | 261009062 | 3788.08 | 11.66 | 6.40 | 40.24 | 3763 | G12 | 11.66 | 6.32 | 39.98 | 3719 | G12 |
| 4 | 5-Mar-15 | 6 | TTPS-08 | 58/57 | 48 | 261008089 | 3641.24 | 11.86 | 6.51 | 39.32 | 3818 | G12 | 11.86 | 6.23 | 39.64 | 3763 | G12 |
| 5 | 5-Mar-15 | 1 | TTPS-09 | 59/58 | 21 | 261009085 | 3799.52 | 11.74 | 6.43 | 40.40 | 3755 | G12 | 11.74 | 6.39 | 40.96 | 3718 | G12 |
| 6 | 6-Mar-15 | 3 | TTPS-10 | 59/58 | 24 | 261009089 | 3704.22 | 11.53 | 6.36 | 40.18 | 3754 | G12 | 11.53 | 6.45 | 40.48 | 3705 | G12 |
| 7 | 7-Mar-15 | 6 | TTPS-11 | 59/58 | 68 | 261008101 | 3662.46 | 10.53 | 6.10 | 39.61 | 3850 | G12 | 10.58 | 5.81 | 41.30 | 3609 | G12 |
| 8 | 7-Mar-15 | 3 | TTPS-12 | 59/58 | 32 | 241000574 | 3511.06 | 10.95 | 6.53 | 40.18 | 3778 | G12 | 10.95 | 6.44 | 40.79 | 3715 | G12 |
| 9 | 10-Mar-15 | 2 | TTPS-13 | 59/59 | 36 | 261009114 | 3841.59 | 11.38 | 6.45 | 39.77 | 3755 | G12 | 11.38 | 6.46 | 40.17 | 3707 | G12 |
| 10 | 10-Mar-15 | 3 | TTPS-14 | 58/55 | 43 | 261009116 | 3528.55 | 11.29 | 6.55 | 39.74 | 3793 | G12 | 11.29 | 6.57 | 40.18 | 3725 | G12 |
| 11 | 10-Mar-15 | 5 | TTPS-15 | 58/58 | 109 | 261008123 | 3791.02 | 11.75 | 6.29 | 39.94 | 3850 | G12 | 11.75 | 6.12 | 41.44 | 3751 | G12 |
| 12 | 11-Mar-15 | 4 | TTPS-16 | 59/58 | 48 | 261009121 | 3763.92 | 11.35 | 6.34 | 39.96 | 3817 | G12 | 11.35 | 6.40 | 40.98 | 3711 | G12 |
| 13 | 11-Mar-15 | 6 | TTPS-17 | 58/58 | 118 | 261008128 | 3686.42 | 12.01 | 6.26 | 39.95 | 3858 | G12 | 12.01 | 6.08 | 41.60 | 3750 | G12 |
| 14 | 12-Mar-15 | 3 | TTPS-19 | 58/57 | 55 | 261009132 | 3584.71 | 11.42 | 6.25 | 40.01 | 3777 | G12 | 11.42 | 6.27 | 41.89 | 3722 | G12 |
| 15 | 15-Mar-15 | 4 | TTPS-24 | 59/58 | 69 | 261009157 | 3831.42 | 11.85 | 6.55 | 39.93 | 3821 | G12 | 11.85 | 6.61 | 41.59 | 3765 | G12 |
| 16 | 16-Mar-15 | 3 | TTPS-25 | 57/56 | 74 | 261009155 | 3502.41 | 12.04 | 6.26 | 39.70 | 3831 | G12 | 12.04 | 6.53 | 41.40 | 3778 | G12 |
| 17 | 17-Mar-15 | 3 | TTPS-27 | 58/57 | 82 | 261009172 | 3702.04 | 12.76 | 6.26 | 40.45 | 3763 | G12 | 12.76 | 6.31 | 41.76 | 3737 | G12 |
| 18 | 19-Mar-15 | 4 | TTPS-29 | 55/53 | 89 | 261009183 | 3407.25 | 12.00 | 6.30 | 40.24 | 3807 | G12 | 12.00 | 6.46 | 41.39 | 3751 | G12 |
| 19 | 21-Mar-15 | 5 | TTPS-33 | 59/59 | 220 | 261008190 | 3747.91 | 12.45 | 6.24 | 39.37 | 3861 | G12 | 12.45 | 6.28 | 39.91 | 3792 | G12 |
| 20 | 21-Mar-15 | 5 | TTPS-34 | 59/58 | 226 | 261008196 | 3632.61 | 11.78 | 6.45 | 40.22 | 3750 | G12 | 11.78 | 6.24 | 40.30 | 3788 | G12 |
| 21 | 22-Mar-15 | 5 | TTPS-35 | 59/59 | 232 | 261008195 | 3649.61 | 12.63 | 6.62 | 40.00 | 3792 | G12 | 12.63 | 6.52 | 40.58 | 3772 | G12 |
| 22 | 22-Mar-15 | 1 | TTPS-36 | 58/58 | 88 | 261009207 | 3699.72 | 11.58 | 6.59 | 39.99 | 3774 | G12 | 11.58 | 6.55 | 39.81 | 3748 | G12 |
| 23 | 23-Mar-15 | 5 | TTPS-37 | 58/58 | 244 | 261008205 | 3667.02 | 12.16 | 6.48 | 39.28 | 3852 | G12 | 12.16 | 6.38 | 40.11 | 3777 | G12 |
| 24 | 23-Mar-15 | 6 | TTPS-38 | 59/59 | 247 | 261008206 | 3759.51 | 12.51 | 6.57 | 40.07 | 3787 | G12 | 12.51 | 6.31 | 41.33 | 3717 | G12 |
| 25 | 24-Mar-15 | 2 | TTPS-39 | 59/58 | 94 | 261009221 | 3680.46 | 12.00 | 6.54 | 39.61 | 3815 | G12 | 12.00 | 6.61 | 40.34 | 3756 | G12 |
| 26 | 24-Mar-15 | 2 | TTPS-40 | 59/58 | 95 | 261009220 | 3735.02 | 11.68 | 6.59 | 39.88 | 3775 | G12 | 11.68 | 6.46 | 40.30 | 3770 | G12 |
| 27 | 25-Mar-15 | 3 | TTPS-42 | 59/59 | 123 | 261009231 | 3743.81 | 11.34 | 6.35 | 39.98 | 3826 | G12 | 11.34 | 6.34 | 40.17 | 3788 | G12 |
| 28 | 27-Mar-15 | 3 | TTPS-45 | 52/51 | 134 | 261009241 | 3150.57 | 11.48 | 6.48 | 40.09 | 3758 | G12 | 11.48 | 6.32 | 40.37 | 3782 | G12 |
| 29 | 29-Mar-15 | 1 | TTPS-47 | 52/52 | 116 | 261009259 | 3364.07 | 11.08 | 6.56 | 40.00 | 3802 | G12 | 11.08 | 6.63 | 40.73 | 3762 | G12 |

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

SIGNATURE OF M/S COTECNA INSPECTION INDIA PVT LTD

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RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/s INSPECTORATE GRAFFITH INDIA PVT LTD & M/S K.C.SHARMA & CO.
DURING THE PERIOD OF **MAR 2015**

| SL No | DATE | SDG | SAMPLE NO | No of Box | R. R. No. | R. R. QNTY. | ANALYSED BY M/S K.C SHARMA & CO | | | | ANALYSED BY M/S COTECNA INSP IND PVT LTD | | | | | |
|-------|----------|-----|-----------|-----------|-----------|-------------|---------------------------------|---------------------------------------|-------|------|--|---------------------------------------|------|-------|------|-----|
| | | | | | | | TM% | ANALYSIS RESULT ON EQUILIBRATED BASIS | | | TM% | ANALYSIS RESULT ON EQUILIBRATED BASIS | | | | |
| | | | | | | | | M% | A% | GCV | | Gr | M% | A% | GCV | Gr |
| 1 | 1-Mar-15 | 4 | KT-01 | 59/59 | 261009047 | 3700.55 | 12.49 | 6.37 | 38.62 | 3984 | G12 | 12.41 | 4.55 | 40.95 | 3986 | G12 |

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

SIGNATURE OF M/S INSPECTORATE GRAFFITH IND PVT LTD

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Jaganna... Jollyary

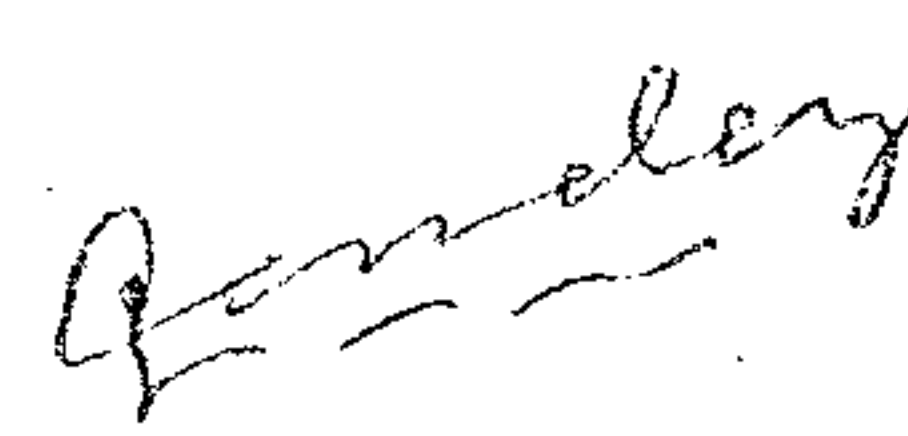
MAHANADI COALFIELDS LIMITED, JAGANNATH AREA, TALCHER
JAGANNATH COAL ANALYSIS LABORATORY.

Joint Analysis Report Of coal samples despatched to MGBK for the month of
Mar-15 (JAGANNATH AREA)

| SL NO | Date of Sampling | Spur/ Sdg | RAKE NO | CR No | BOX No | R R No | R R QTY | ANALYSIS RESULTS ON 60%RH&40C BASIS | | | | Grade |
|-------|------------------|-----------|-----------|-------|--------|-----------|---------|-------------------------------------|------|-------|-----------------|-------|
| | | | | | | | | TM% | M% | ASH% | scv in K.Cal/Kg | |
| 1 | 3-Mar-15 | 6 | MGBK-01 | 24 | 59/59 | 261008074 | 3815.41 | 12.28 | 6.45 | 39.06 | 3875 | G12 |
| 2 | 3-Mar-15 | 6 | MGBK-02 | 28 | 59/58 | 261008078 | 3823.22 | 11.73 | 6.29 | 39.85 | 3993 | G12 |
| 3 | 4-Mar-15 | 1 | MGBK-03 | 15 | 58/57 | 261009069 | 3637.63 | 10.99 | 6.39 | 38.72 | 3955 | G12 |
| 4 | 5-Mar-15 | 4 | MGBK-05 | 17 | 59/58 | 261009075 | 3815.82 | 11.46 | 6.41 | 39.70 | 3814 | G12 |
| 5 | 5-Mar-15 | 5 | MGBK-06 | 47 | 58/58 | 261008091 | 3671.02 | 11.78 | 6.15 | 39.57 | 3879 | G12 |
| 6 | 6-Mar-15 | 1 | MGBK-07 | 23 | 50/58 | 261009086 | 3872.62 | 11.35 | 6.27 | 39.03 | 3990 | G12 |
| 7 | 6-Mar-15 | 6 | MGBK-08 | 66 | 59/58 | 261008098 | 3745.07 | 10.80 | 6.55 | 39.05 | 3937 | G12 |
| 8 | 7-Mar-15 | 5 | MGBK-09 | 73 | 58/57 | 261008105 | 3637.20 | 11.63 | 6.22 | 39.76 | 3896 | G12 |
| 9 | 7-Mar-15 | 4 | MGBK-10 | 33 | 59/59 | 261009097 | 3685.53 | 11.45 | 6.49 | 38.61 | 3921 | G12 |
| 10 | 8-Mar-15 | 1 | MGBK-12 | 32 | 58/58 | 261009100 | 3699.92 | 12.25 | 6.35 | 38.76 | 3979 | G12 |
| 11 | 9-Mar-15 | 5 | MGBK-13 | 91 | 59/56 | 261008116 | 3719.74 | 10.89 | 6.65 | 39.59 | 3837 | G12 |
| 12 | 9-Mar-15 | 5 | MGBK-14 | 95 | 59/59 | 261008118 | 3767.40 | 11.16 | 6.32 | 39.33 | 3866 | G12 |
| 13 | 9-Mar-15 | 3 | MGBK-15 | 41 | 57/57 | 261009113 | 3665.73 | 11.69 | 6.38 | 39.97 | 3794 | G12 |
| 14 | 10-Mar-15 | 1 | MGBK-17 | 42 | 59/59 | 261009118 | 3934.36 | 11.75 | 6.16 | 39.92 | 3828 | G12 |
| 15 | 11-Mar-15 | 3 | MGBK-19 | 51 | 57/56 | 261009128 | 3596.24 | 12.46 | 6.28 | 39.68 | 3801 | G12 |
| 16 | 14-Mar-15 | 1 | MGBK-23 | 54 | 58/57 | 261009140 | 3559.63 | 10.65 | 6.46 | 38.89 | 3957 | G12 |
| 17 | 15-Mar-15 | 1 | MGBK-24 | 58 | 59/59 | 261009148 | 3780.17 | 11.25 | 6.25 | 39.57 | 3840 | G12 |
| 18 | 16-Mar-15 | 5 | MGBK-25 | 164 | 59/59 | 261008160 | 3857.61 | 12.08 | 6.37 | 38.73 | 3957 | G12 |
| 19 | 17-Mar-15 | 5 | MGBK-26 | 176 | 59/59 | 261008169 | 3820.50 | 12.65 | 6.58 | 39.46 | 3914 | G12 |
| 20 | 18-Mar-15 | 3 | MGBK-27 | 86 | 58/57 | 261009175 | 3586.14 | 11.86 | 6.41 | 39.83 | 3890 | G12 |
| 21 | 19-Mar-15 | 3 | MGBK-28 | 90 | 59/59 | 261009181 | 3753.41 | 12.39 | 6.21 | 39.48 | 3898 | G12 |
| 22 | 20-Mar-15 | 5 | MGBK-29 | 212 | 59/59 | 261008187 | 3835.21 | 11.42 | 6.54 | 39.37 | 3933 | G12 |
| 23 | 17-Mar-15 | 6 | N-MGBK-01 | 181 | 59/59 | 261008171 | 4173.20 | 12.23 | 6.40 | 39.75 | 3793 | G12 |


Jr. Chemist,
Jagannath Colliery.


Representative
Consumer


Despatch In-charge
Jagannath Colliery
Despatch In-charge
Jagannath Colliery

**RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/S COTECNA INSPECTION INDIA PVT LTD & M/S K.C.SHARMA & CO.
DURING THE PERIOD OF MARCH 2015**

| SL NO | DATE | SDG | SAMPLE NO | No of Box | R. R. No. | R. R. Qty | ANALYSED BY M/S K.C.SHARMA & CO | | | | | ANALYSED BY M/S COTECNA INSP IND PVT LTD | | | | |
|-------|-----------|-----|-----------|-----------|-----------|-----------|---------------------------------|---------------------------------------|-------|-----------------|-----|--|---------------------------------------|-------|-----------------|-----|
| | | | | | | | TM% | ANALYSIS RESULT ON EQUILIBRATED BASIS | | | | TM% | ANALYSIS RESULT ON EQUILIBRATED BASIS | | | |
| | | | | | | | | M% | A% | GCV IN K.Cal/Kg | Gr | | M% | A% | GCV IN K.Cal/Kg | Gr |
| 1 | 1-Mar-15 | 3 | SMI-01 | 57/55 | 261009053 | 3531.07 | 11.61 | 6.45 | 39.06 | 3875 | G12 | 11.78 | 5.98 | 39.10 | 3799 | G12 |
| 2 | 2-Mar-15 | 5 | SMI-02 | 58/57 | 261008068 | 3654.13 | 12.36 | 6.66 | 39.87 | 3752 | G12 | 12.19 | 6.76 | 40.11 | 3712 | G12 |
| 3 | 4-Mar-15 | 2 | SMI-04 | 59/59 | 261009070 | 3649.85 | 11.23 | 6.78 | 40.18 | 3707 | G12 | 11.41 | 6.65 | 40.28 | 3707 | G12 |
| 4 | 4-Mar-15 | 6 | SMI-07 | 59/58 | 261008086 | 3736.12 | 12.19 | 6.47 | 39.95 | 3778 | G12 | 12.28 | 6.17 | 39.94 | 3728 | G12 |
| 5 | 6-Mar-15 | 1 | SMI-10 | 56/54 | 261009094 | 3449.06 | 10.96 | 6.71 | 38.51 | 3822 | G12 | 11.16 | 6.53 | 39.08 | 3771 | G12 |
| 6 | 7-Mar-15 | 5 | SMI-12 | 59/59 | 261008108 | 3721.61 | 11.38 | 6.55 | 39.90 | 3739 | G12 | 11.24 | 6.38 | 42.38 | 3727 | G12 |
| 7 | 8-Mar-15 | 2 | SMI-14 | 58/58 | 261009103 | 3807.46 | 12.11 | 6.42 | 39.74 | 3757 | G12 | 12.24 | 6.05 | 41.19 | 3724 | G12 |
| 8 | 3/11/2015 | 5 | SMI-20 | 59/59 | 261008129 | 3790.41 | 12.78 | 6.27 | 40.12 | 3750 | G12 | 12.57 | 5.16 | 38.70 | 3750 | G12 |
| 9 | 12-Mar-15 | 5 | SMI-21 | 59/59 | 261008136 | 3719.00 | 10.99 | 6.39 | 38.72 | 3960 | G12 | 10.99 | 5.79 | 41.88 | 3755 | G12 |
| 10 | 12-Mar-15 | 5 | SMI-22 | 59/58 | 261008137 | 3704.06 | 11.23 | 6.69 | 39.67 | 3780 | G12 | 11.42 | 5.30 | 41.06 | 3755 | G12 |
| 11 | 13-Mar-15 | 2 | SMI-23 | 59/59 | 261009141 | 3793.65 | 12.55 | 6.58 | 39.58 | 3831 | G12 | 12.30 | 4.24 | 40.59 | 3755 | G12 |
| 12 | 16-Mar-15 | 5 | SMI-27 | 59/58 | 261008165 | 3715.32 | 11.29 | 6.79 | 39.95 | 3756 | G12 | 11.49 | 6.31 | 40.22 | 3730 | G12 |
| 13 | 16-Mar-15 | 2 | SMI-28 | 59/58 | 261009166 | 3774.93 | 11.95 | 5.99 | 40.05 | 3886 | G12 | 11.82 | 6.00 | 40.29 | 3864 | G12 |
| 14 | 21-Mar-15 | 5 | SMI-40 | 59/59 | 261008197 | 3803.31 | 11.78 | 6.77 | 40.08 | 3753 | G12 | 11.62 | 6.79 | 40.10 | 3764 | G12 |
| 15 | 22-Mar-15 | 4 | SMI-42 | 59/58 | 261009203 | 3627.09 | 12.13 | 6.38 | 40.00 | 3803 | G12 | 12.36 | 6.30 | 40.25 | 3780 | G12 |
| 16 | 22-Mar-15 | 4 | SMI-44 | 59/58 | 261009209 | 3750.32 | 10.98 | 6.51 | 39.54 | 3851 | G12 | 10.74 | 6.51 | 40.20 | 3771 | G12 |
| 17 | 23-Mar-15 | 3 | SMI-45 | 57/53 | 261009212 | 3318.82 | 12.02 | 6.32 | 40.33 | 3764 | G12 | 12.22 | 6.46 | 39.98 | 3779 | G12 |
| 18 | 23-Mar-15 | 5 | SMI-47 | 59/59 | 261008220 | 3722.59 | 10.86 | 6.29 | 39.76 | 3802 | G12 | 12.10 | 6.48 | 40.35 | 3784 | G12 |
| 19 | 24-Mar-15 | 3 | SMI-50 | 56/55 | 261009223 | 3493.25 | 11.14 | 6.21 | 39.12 | 3872 | G12 | 10.99 | 6.34 | 40.28 | 3756 | G12 |
| 20 | 24-Mar-15 | 4 | SMI-52 | 57/55 | 261009224 | 3549.48 | 11.50 | 6.38 | 39.85 | 3738 | G12 | 12.39 | 6.50 | 41.06 | 3741 | G12 |
| 21 | 28-Mar-15 | 1 | SMI-57 | 59/59 | 261009255 | 3755.71 | 11.81 | 6.4 | 40.11 | 3778 | G12 | 11.56 | 6.33 | 40.11 | 3776 | G12 |
| 22 | 29-Mar-15 | 1 | SMI-60 | 58/57 | 261009263 | 3545.67 | 11.13 | 6.28 | 39.66 | 3834 | G12 | 10.92 | 6.41 | 40.65 | 3758 | G12 |
| 23 | 31-Mar-15 | 5 | SMI-63 | 57/56 | 261008256 | 3496.58 | 10.96 | 6.56 | 40.24 | 3728 | G12 | 11.29 | 6.32 | 40.90 | 3741 | G12 |

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

SIGNATURE OF M/S COTECNA INSP IND PVT LTD

Amogh
 Coal Analysis Laboratory
 (L.A.) M. C. I.

Deepak
 Deepak In-Charge

JOINT ANALYSIS REPORT OF M/S SESA STERLITE LIMITED AT JAGANNATH LAB.

Mar - 2015

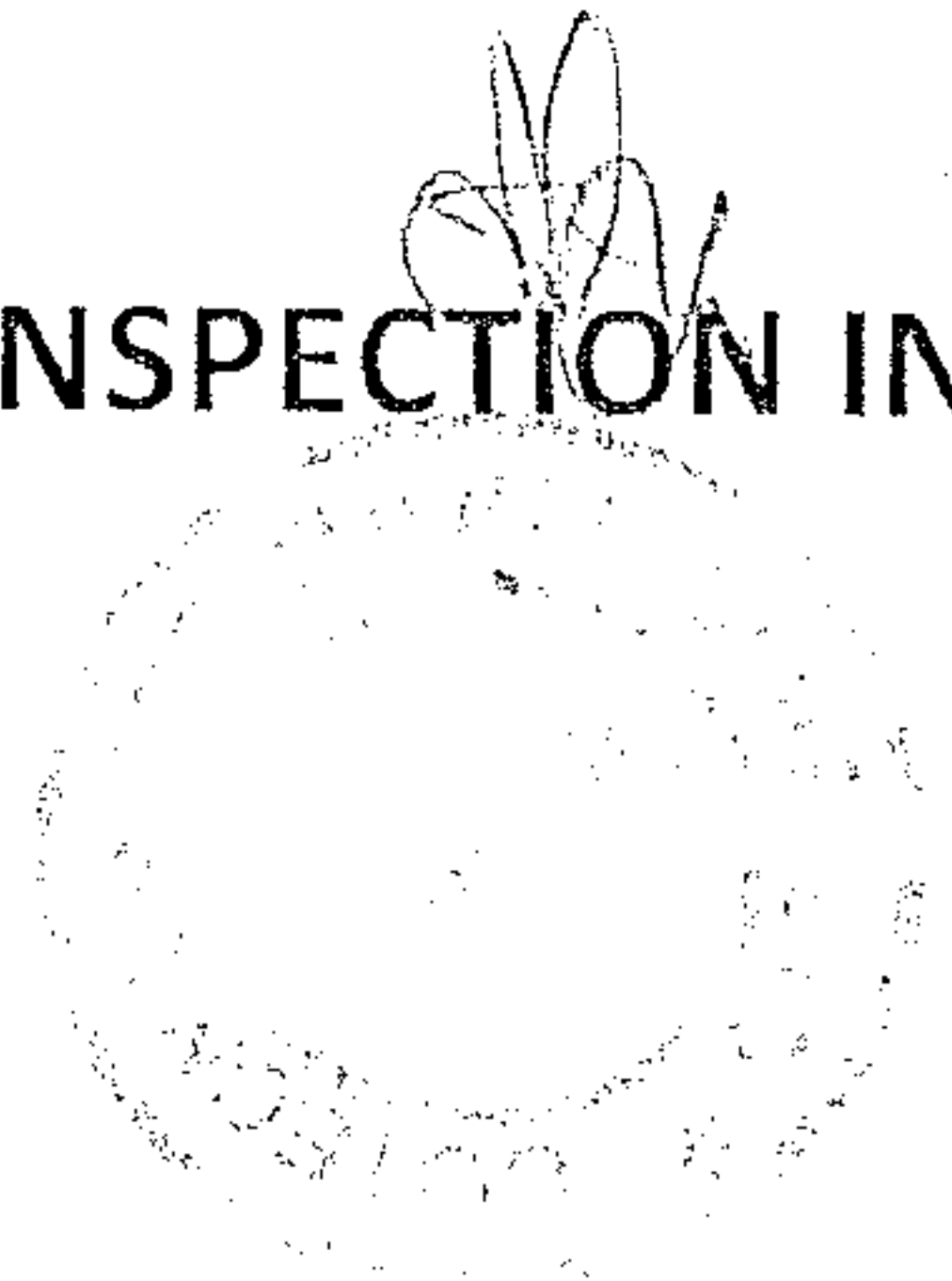
| SL.N O. | RAKE CODE | DATE OF LOADING | NO OF WAGONS | SIDING | SAMPLE COLLECTION DATE | R.R NO | R.R DATE | R.R QTY. (MT) | DESTINATION | TM% | MOIST% | ASH% | GCV IN K Cal/kg | GRAD |
|------------|--------------|--------------------|-----------------|--------|------------------------------|-----------|----------|------------------|-------------|-------|--------|-------|--------------------|------|
| 1 | 1 | 01.03.15 | 59 | 4 | 01.03.15 | 261009043 | 01.03.15 | 3560.61 | SEBD | 11.46 | 6.41 | 39.70 | 3816 | G-12 |
| 2 | 5 | 03.03.15 | 59 | 3 | 03.03.15 | 261009065 | 04.03.15 | 3756.32 | SEBD | 11.42 | 6.51 | 39.74 | 3827 | G-12 |
| 3 | 6 | 04.03.15 | 58 | 4 | 04.03.15 | 261009073 | 05.03.15 | 3683.32 | SEBD | 11.96 | 6.35 | 40.13 | 3780 | G-12 |
| 4 | 7 | 05.03.15 | 58 | 2 | 05.03.15 | 261009076 | 05.03.15 | 3655.88 | SEBD | 11.65 | 6.25 | 39.73 | 3862 | G-12 |
| 5 | 8 | 05.03.15 | 59 | 5 | 05.03.15 | 261008097 | 06.03.15 | 3900.01 | SEBD | 12.05 | 5.99 | 39.39 | 3986 | G-12 |
| 6 | 9 | 06.03.15 | 57 | 5 | 06.03.15 | 261008096 | 06.03.15 | 3725.13 | SEBD | 11.99 | 6.32 | 39.94 | 3881 | G-12 |
| 7 | 10 | 06.03.15 | 59 | 2 | 06.03.15 | 261009093 | 07.03.15 | 3882.62 | SEBD | 11.32 | 6.06 | 39.14 | 3910 | G-12 |
| 8 | 11 | 07.03.15 | 57 | 6 | 07.03.15 | 261008106 | 08.03.15 | 3586.23 | SEBD | 11.28 | 6.22 | 38.54 | 3958 | G-12 |
| 9 | 12 | 07.03.15 | 57 | 2 | 07.03.15 | 261000576 | 08.03.15 | 3654.38 | SEBD | 12.45 | 6.28 | 38.37 | 3959 | G-12 |
| 10 | 13 | 08.03.15 | 59 | 4 | 08.03.15 | 261009101 | 09.03.15 | 3710.13 | SEBD | 10.78 | 6.16 | 40.02 | 3815 | G-12 |
| 11 | 14 | 09.03.15 | 58 | 3 | 09.03.15 | 261009107 | 09.03.15 | 3719.72 | SEBD | 11.56 | 6.42 | 39.47 | 3821 | G-12 |
| 12 | 15 | 09.03.15 | 59 | 2 | 09.03.15 | 261009104 | 09.03.15 | 3869.51 | SEBD | 11.31 | 6.18 | 39.60 | 3855 | G-12 |
| 13 | 17 | 10.03.15 | 56 | 6 | 10.03.15 | 261008124 | 11.03.15 | 3636.64 | SEBD | 11.64 | 6.51 | 39.81 | 3799 | G-12 |
| 14 | 18 | 12.03.15 | 59 | 6 | 12.03.15 | 261008139 | 13.03.15 | 3840.21 | SEBD | 12.43 | 6.14 | 39.77 | 3839 | G-12 |
| 15 | 19 | 13.03.15 | 58 | 6 | 13.03.15 | 261008145 | 14.03.15 | 3762.22 | SEBD | 11.18 | 6.17 | 38.63 | 3931 | G-12 |
| 16 | 20 | 14.03.15 | 58 | 5 | 14.03.15 | 261008148 | 14.03.15 | 3745.02 | SEBD | 12.36 | 6.52 | 38.50 | 3963 | G-12 |
| 17 | 21 | 14.03.15 | 57 | 6 | 14.03.15 | 261008150 | 15.03.15 | 3650.67 | SEBD | 12.14 | 6.34 | 39.38 | 3811 | G-12 |
| 18 | 23 | 15.03.15 | 58 | 6 | 15.03.15 | 261008157 | 15.03.15 | 3674.12 | SEBD | 11.76 | 6.20 | 39.54 | 3856 | G-12 |
| 19 | 24 | 16.03.15 | 59 | 4 | 16.03.15 | 261009160 | 16.03.15 | 3722.59 | SEBD | 11.89 | 6.37 | 39.22 | 3902 | G-12 |
| 20 | 25 | 16.03.15 | 59 | 3 | 16.03.15 | 261009164 | 17.03.15 | 3831.32 | SEBD | 10.69 | 6.19 | 39.06 | 3875 | G-12 |
| 21 | 26 | 17.03.15 | 58 | 6 | 17.03.15 | 261008168 | 17.03.15 | 3783.82 | SEBD | 12.08 | 6.31 | 40.00 | 3805 | G-12 |
| 22 | 27 | 19.03.15 | 59 | 2 | 19.03.15 | 261009187 | 20.03.15 | 3815.03 | SEBD | 11.51 | 6.48 | 38.83 | 3932 | G-12 |
| 23 | 29 | 20.03.15 | 59 | 5 | 20.03.15 | 261008185 | 20.03.15 | 3725.21 | SEBD | 12.28 | 6.15 | 39.19 | 3869 | G-12 |
| 24 | 30 | 21.03.15 | 59 | 5 | 21.03.15 | 261008189 | 21.03.15 | 3822.90 | SEBD | 11.68 | 6.56 | 38.78 | 3987 | G-12 |
| 25 | 31 | 21.03.15 | 58 | 4 | 21.03.15 | 261009198 | 21.03.15 | 3657.92 | SEBD | 12.30 | 6.24 | 39.54 | 3824 | G-12 |
| 26 | 32 | 23.03.15 | 58 | 2 | 23.03.15 | 261009217 | 24.03.15 | 3765.42 | SEBD | 10.94 | 5.96 | 39.62 | 3854 | G-12 |

S. S. S. S.

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| | | | | | | | | | | | | | | |
|----|----|----------|----|---|----------|-----------|----------|---------|------|-------|------|-------|------|------|
| 27 | 34 | 24.03.15 | 59 | 3 | 24.03.15 | 261009218 | 24.03.15 | 3750.61 | SEBD | 11.36 | 6.61 | 38.89 | 3924 | G-12 |
| 28 | 35 | 25.03.15 | 57 | 1 | 25.03.15 | 261009232 | 26.03.15 | 3731.44 | SEBD | 10.78 | 6.59 | 39.06 | 3916 | G-12 |
| 29 | 36 | 26.03.15 | 54 | 5 | 26.03.15 | 261008229 | 27.03.15 | 3587.87 | SEBD | 12.04 | 5.91 | 39.62 | 3825 | G-12 |

FOR COTECNA INSPECTION INDIA PVT LTD



A. Sahoo

CHIEF ENGINEER
 Odisha Power Corporation Ltd.
 (C.A.P.C.L.)

G. Sahoo
 Manager
 Odisha Power Corporation Ltd.

RAKE WISE ANALYSIS RESULTS OF COAL SAMPLES DRAWN BY M/s MITRA S.K COAL INSPECTION INDIA PVT LTD & M/S K.C.SHARMA & CO.
 Joint Analysis Report Of coal samples despatched to TPL for the month of
 Mar-15
 (JAGANNATH AREA)

| SL NO | Date of Sampling | Sdg | Sample No | No of Box | R. R. No. | R R QTY | RESULTS AT 60%RH&40C | | | | |
|-------|------------------|-----|-----------|-----------|-----------|---------|----------------------|------|-------|------|-----|
| | | | | | | | TM% | M% | A% | GCV | Gr |
| 1 | 16-Mar-15 | 1 | TPL(B)-08 | 59/59 | 261009163 | 3612.82 | 10.69 | 6.49 | 39.70 | 3883 | G12 |
| 2 | 17-Mar-15 | 4 | TPL(B)-09 | 58/57 | 261009171 | 3621.32 | 11.62 | 6.16 | 39.92 | 3940 | G12 |
| 3 | 18-Mar-15 | 2 | TPL(B)-10 | 59/59 | 261009180 | 3725.07 | 11.26 | 6.46 | 39.96 | 3801 | G12 |
| 4 | 26-Mar-15 | 6 | TPL(B)-14 | 59/59 | 261008227 | 3790.61 | 11.39 | 6.71 | 39.75 | 3741 | G12 |
| 5 | 28-Mar-15 | 3 | TPL(B)-15 | 59/58 | 261009247 | 3607.32 | 11.99 | 6.25 | 38.71 | 3841 | G12 |

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

SIGNATURE OF M/S MITRA S.K. COAL INSP PVT LTD



Anuj
 CHEMIST

Analysts Lab
 G & T M C. I.

Ramesh

26/03/15
 08:30

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 01.03.2015 TO 10.03.2015
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL KANIHA(KOCP - 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-01 TO 15/1.3.15/KOCP | 01.03.2015 | 25457.070 | 9.04 | 3.68 | 41.53 | 3997 | 4.86 | 41.02 | 3948 | G12 | |
| 2 | NTPC-TALCHER/MGR-01 TO 14/2.3.15/KOCP | 02.03.2015 | 23706.980 | 8.29 | 4.06 | 40.54 | 3907 | 4.67 | 40.28 | 3882 | G12 | |
| 3 | NTPC-TALCHER/MGR-01 TO 13/3.3.15/KOCP | 03.03.2015 | 22391.190 | 7.21 | 4.01 | 42.1 | 3767 | 4.60 | 41.84 | 3744 | G12 | |
| 4 | NTPC-TALCHER/MGR-01 TO 15/4.3.15/KOCP | 04.03.2015 | 26652.800 | 8.56 | 3.75 | 40.2 | 3865 | 4.46 | 39.90 | 3836 | G12 | |
| 5 | NTPC-TALCHER/MGR-01 TO 13/5.3.15/KOCP | 05.03.2015 | 23197.400 | 8.69 | 3.99 | 38.92 | 4050 | 5.22 | 38.42 | 3998 | G12 | |
| 6 | NTPC-TALCHER/MGR-01 TO 10/6.3.15/KOCP | 06.03.2015 | 18013.500 | 6.96 | 3.99 | 40.11 | 3951 | 4.49 | 39.90 | 3930 | G12 | |
| 7 | NTPC-TALCHER/MGR-01 TO 15/7.3.15/KOCP | 07.03.2015 | 27148.800 | 9.23 | 4.43 | 38.47 | 3964 | 4.43 | 38.47 | 3964 | G12 | |
| 8 | NTPC-TALCHER/MGR-01 TO 16/8.3.15/KOCP | 08.03.2015 | 28812.950 | 9.00 | 4.17 | 39.33 | 3977 | 5.17 | 38.92 | 3935 | G12 | |
| 9 | NTPC-TALCHER/MGR-01 TO 16/9.3.15/KOCP | 09.03.2015 | 28602.500 | 9.18 | 4.73 | 40.25 | 3858 | 4.73 | 40.25 | 3858 | G12 | |
| 10 | NTPC-TALCHER/MGR-01 TO 16/10.3.15/KOCP | 10.03.2015 | 28419.300 | 9.94 | 2.69 | 41.87 | 3984 | 3.96 | 41.32 | 3932 | G12 | |
| | | Wt/ Average | 252402.490 | 8.71 | 3.95 | 40.32 | 3933 | 4.66 | 40.02 | 3904 | G12 | |

Signature of third Party, Madhumilan De
 Name of the third party IGI



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
- iii Wagons statement and Checklists are enclosed.

Signature of third party:
 Name of third Party:
 Date:

Distribution
 NTPC Station:
 (1) Head of Chemistry
 (2) Head of Fuel Management
 (3) GM (O & M)

Signature of the NTPC station
 Name.

Coal Company
 (1) Concerned Area GM
 (2) Office of the GM (QC) Coal Co
 (3) ASM/AQCM/AQM of the concerned area.

Signature of the Coal Company
 Name (Optional).

[Handwritten signature]
 31/03/15
 T. I
 M. C. B. S. M.

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 11.03.2015 TO 20.03.2015
LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL KANIHA(KOCP - 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-01 TO 16 /11.3.15/KOCP | 11.03.2015 | 28399.900 | 6.35 | 3.09 | 40.93 | 3893 | 5.56 | 39.89 | 3794 | G12 | |
| 2 | NTPC-TALCHER/MGR-01 TO 16 /12.3.15/KOCP | 12.03.2015 | 28502.160 | 8.95 | 2.89 | 38.47 | 4089 | 5.44 | 37.46 | 3982 | G12 | |
| 3 | NTPC-TALCHER/MGR-01 TO 16/13.3.15/KOCP | 13.03.2015 | 27837.000 | 9.27 | 3.09 | 37.78 | 4192 | 5.26 | 36.93 | 4098 | G11 | |
| 4 | NTPC-TALCHER/MGR-01 TO 15 /14.3.15/KOCP | 14.03.2015 | 25986.100 | 6.65 | 2.69 | 41.93 | 3864 | 5.43 | 40.75 | 3755 | G12 | |
| 5 | NTPC-TALCHER/MGR-01 TO 16/15.3.15/KOCP | 15.03.2015 | 27784.900 | 6.59 | 2.79 | 38.55 | 4182 | 5.60 | 37.44 | 4061 | G11 | |
| 6 | NTPC-TALCHER/MGR-01 TO 17 /16.3.15/KOCP | 16.03.2015 | 29390.200 | 5.23 | 2.81 | 42.70 | 3999 | 5.42 | 41.55 | 3892 | G12 | |
| 7 | NTPC-TALCHER/MGR-01 TO 15 /17.3.15/KOCP | 17.03.2015 | 26115.600 | 5.61 | 3.29 | 39.67 | 4040 | 6.37 | 38.41 | 3911 | G12 | |
| 8 | NTPC-TALCHER/MGR-01 TO 13 /18.3.15/KOCP | 18.03.2015 | 22897.900 | 6.85 | 3.26 | 39.4 | 4038 | 6.33 | 38.15 | 3910 | G12 | |
| 9 | NTPC-TALCHER/MGR-01 TO 15 /19.3.15/KOCP | 19.03.2015 | 26626.040 | 8.22 | 3.86 | 39.81 | 3979 | 6.11 | 38.88 | 3886 | G12 | |
| 10 | NTPC-TALCHER/MGR-01 TO 15 /20.3.15/KOCP | 20.03.2015 | 26737.340 | 7.89 | 3.44 | 35.52 | 4373 | 6.36 | 34.45 | 4241 | G11 | |
| | | 27/03/2015 | 270277.140 | 7.16 | 3.11 | 39.49 | 4065 | 5.77 | 38.41 | 3954 | G12 | |

Signature of third Party: Biswajit Dey

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

M/S. BISWAJIT DEY



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

Signature of the NTPC station

Name. N. K. Mishra

Signature of the Coal Company

Name :

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 third party:

Name of third Party:

Date:

Distribution

NTPC Station:

- (1) Head of Chemistry
- (2) Head of Fuel Management
- (3) GM (O & M)

Coal Company

- (1) Concerned Area GM
- (2) Office of the GM (QC) Coal Co
- (3) ASM/AQCM/AQM of the concerned area.

Received Copy
26/03/15
M. C. Mishra

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 21.03.2015 TO 31.03.2015
 LOADING END ANALYSIS REPORT

NAME OF COAL COMPANY : MCL KANIHA(KOCP - 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-01 TO 14 /21.3.15/KOCP | 21.03.2015 | 24585.380 | 7.97 | 3.57 | 38.42 | 4274 | 5.65 | 37.59 | 4182 | G11 | |
| 2 | NTPC-TALCHER/MGR-01 TO 153/22.3.15/KOCP | 22.03.2015 | 22843.500 | 8.35 | 2.95 | 36.98 | 4291 | 5.55 | 35.99 | 4176 | G11 | |
| 3 | NTPC-TALCHER/MGR-01 TO 15 /23.3.15/KOCP | 23.03.2015 | 26170.900 | 7.96 | 2.9 | 37.1 | 4287 | 5.79 | 36.00 | 4159 | G11 | |
| 4 | NTPC-TALCHER/MGR-01 TO 17 /24.3.15/KOCP | 24.03.2015 | 28281.000 | 7.81 | 3.41 | 38.49 | 4148 | 5.57 | 37.63 | 4055 | G11 | |
| 5 | NTPC-TALCHER/MGR-01 TO 16 /25.3.15/KOCP | 25.03.2015 | 25370.900 | 10.52 | 3.51 | 40.71 | 4387 | 6.00 | 39.66 | 4274 | G11 | |
| 6 | NTPC-TALCHER/MGR-01 TO 17 /26.3.15/KOCP | 26.03.2015 | 26694.400 | 10.48 | 3.60 | 36.99 | 4383 | 6.23 | 35.98 | 4263 | G11 | |
| 7 | NTPC-TALCHER/MGR-01 TO 17 /27.3.15/KOCP | 27.03.2015 | 23352.730 | 12.79 | 2.95 | 36.91 | 4437 | 6.68 | 35.49 | 4266 | G11 | |
| 8 | NTPC-TALCHER/MGR-01 TO 18//28.3.15/KOCP | 28.03.2015 | 23519.380 | 9.01 | 2.52 | 38.14 | 4097 | 6.17 | 36.71 | 3944 | G12 | |
| 9 | NTPC-TALCHER/MGR-01 TO 20 /29.3.15/KOCP | 29.03.2015 | 26083.770 | 9.76 | 2.89 | 39.34 | 3989 | 6.18 | 38.01 | 3854 | G12 | |
| 10 | NTPC-TALCHER/MGR-01 TO 11 /30.3.15/KOCP | 30.03.2015 | 13618.240 | 9.09 | 3.24 | 38.7 | 4254 | 6.46 | 37.41 | 4112 | G11 | |
| 11 | NTPC-TALCHER/MGR-01 TO 15/31.3.15/KOCP | 31.03.2015 | 20267.400 | 10.15 | 3.25 | 39.8 | 3979 | 6.06 | 38.64 | 3863 | G12 | |
| | | Wt/Average | 260787.600 | 9.42 | 3.17 | 38.30 | 4231 | 6.01 | 37.18 | 4108 | G11 | |

08/04/15 *Biswajit Dey*
 Signature of third Party: Biswajit Dey
 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

INSPECTORATE
 Vasundhara, 3rd Floor
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 (3) GM (O & M)

Coal Company

- (1) Concerned Area GM
 (2) Office of the GM (QC) Coal Co
 (3) ASM/AQCM/AQM of the concerned area.

Nandan Kumar Mishra
 नन्दन कुमार मिश्र
 NANDAN KUMAR MISHRA
 उप प्रबंधक (प्रज्ञा. एवं अनु. / रसायन)
 Dy. Manager (O&M/Chemistry)
 एनटीपीसी लिमिटेड/तालचेर कनिहा
 NTPC Limited / Talcher Kaniha

AW
 8.4.15
 Asst. Area Sales Manager
 KANIHA OCP