



# MCL

महानदी कोलफील्ड्स लिमिटेड  
प्रदाप्रदा कोलफील्ड्स लिमिटेड  
Mahanadi Coalfields Limited  
(A Subsidiary of Coal India Limited)  
Sambalpur - 768020 (Odisha)

वार्षिक कोल ग्रेड - 2018-19  
ANNUAL COAL GRADE - 2018-19



Coal → Power → Smile

*MCL Bring Smile In Every Hut ...*



गुणबत्ता नियंत्रण विभाग, एम.सी.एल. मुख्यालय  
QUALITY CONTROL DEPARTMENT, MCL HQ

# **ANNUAL COAL GRADE**

## **2018 - 19**



**QUALITY CONTROL DEPARTMENT**  
**MAHANADI COALFIELDS LIMITED**  
*(A Mini Ratna Company)*

**AT/P.O. JAGRUTI VIHAR, BURLA**  
**Dist.- Sambalpur - 768020 (Odisha)**





## MISSION

**“The Mission of Coal India Limited is to produce and market, the planned quantity of Coal and Coal products, efficiently and economically in an eco-friendly manner with due regard to Safety, Conservation and Quality.”**

**ANNUAL GRADE DECLARATION 2018-19**

In pursuance of provisions of sub-rule (2) of Rule 4 of Colliery Control Rules, 2004 and sub rule 2 of rule 18B of Coal Mines (Conservation & Development) amendment Rule 2011, as amended by Govt. of India, I being the competent authority of the Company, hereby declare the coal grade of seams/sidings of different collieries, to be worked in Mahanadi Coalfields Ltd for the year 2018-19 to be effective from "00" Hours of 01.04.2018.

  
26/3/18

( J.P. Singh )

Director Tech.(Operation).

(Signature of the Owner/Nominated Owner)

Name & Designation with Seal.

## MCL – Brief

Mahanadi Coalfields Limited is one of the eight Subsidiary Companies of Coal India Limited. The company came in to being on 3<sup>rd</sup> April, 1992 after bifurcation from South Eastern Coalfields Ltd. At present MCL has mining operations in the State of Odisha spread over the districts of Angul, Jharsuguda, Sundargarh with its HQ at Sambalpur (Burla). There are 2 Under Ground mine and 8 Open Cast Projects at Talcher Coalfields and 4 Under Ground mines and 7 Open Cast Projects at Ib Valley Coalfields.

To give impetus to the Quality Control activities for utmost consumer satisfaction, MCL has established 10 (ten) well equipped coal testing laboratories having most sophisticated and modern instruments like Proximate Analyzer and Auto Bomb Calorimeter. Coal Analysis Laboratory of Ib Valley, Bharatpur, Jagannath, Kaniha & Hingula Area have been conferred with NABL accreditation certificate. The rest five laboratories are being taken up for accreditation by NABL in a phased manner.

1. Regd. Office - Jagriti Vihar (Burla), Sambalpur – 768 020.
2. Location - 10 K.M. from Sambalpur town.
3. Nearest Rly. Station - Hirakud.
4. No. of CHPs - 2 (Major).  
34 (Mini/FB).
5. No. of Rly. Siding - 23 (Out of which 4 are MGR Sidings from which coal is being dispatched to NALCO, NTPC and OPGC).
6. Auto Bomb Calorimeter - 18 Nos.

### Important Telephone Numbers

	<u>Office</u>	<u>Res.</u>
1. CMD	0663 2542855	2542866
2. D(T)/OP	0663 2542772	2542427
3. D(P)	0663 2542332	2542090
4. D(T)/P&P	0663 2542775	2542766
5. C.V.O.	0663 2542751	2542761
6. D(F)	0663 2542628	2542284
7. GM(QC)	0663 2542061	
8. HOD(M&S)	0663 2542870	
9. CENTRAL PBX	0663 2542461 to 2542469	

**Fax Number**

1.	CMD	0663	2542366
2.	D(T)/OP	0663	2542844
3.	D(P)	0663	2542508
4.	D(T)/P&P	0663	2542360
5.	C.V.O.	0663	2542506
6.	D(F)	0663	2542914
7.	GM(QC)	0663	2542091
8.	HOD(M&S)	0663	2542307

Web: [www.mahanadicoal.in](http://www.mahanadicoal.in)

**Regional Sales Offices, Coal India Limited**

		<u>STD Code</u>	<u>Tel. No.</u>	<u>Fax</u>
1.	Ahmedabad	079	27540531	27540718
2.	Bengaluru	080	22261459	22266343
3.	Chandigarh	0172	2702989	2704464
4.	Chennai	044	28294845	28294238
5.	Delhi	011	22421325/26	22421324
6.	Hyderabad	040	23302062	23391299
7.	Jaipur	0141	2229954	2229953
8.	Lucknow	0522	2355967	2355827
9.	Mumbai	022	66101202/302	22151771
10.	Patna	0612	2541156	2540833

**MAIN CONSUMERS OF MCL (STATEWISE)**

1. Odisha	-	(a) OPGC	(b) NTPC-Kaniha	(c) NALCO
		(d) NTPC-TTPS	(e) SAIL/RSP	(f) ICCL(IMFAL)
		(g) OCL	(h) Vedanta Ltd.	(i) Bhushan
		(j) ACC-Bargarh	(k) Jindal	(l) GMR Ltd.
2. Maharashtra	-	MAHAGENCO, Adani		
3. West Bengal	-	WBPDC, DVC, DPL		
4. Tamilnadu	-	TANGEDCO		
5. Karnataka	-	KPCL		
6. Andhra Pradesh	-	APGENCO, NTPC-Simhadri, VSPS, HNPCL		
7. Telengana	-	TSPGENCO		
8. Haryana	-	HPGCL		
9. Gujrat	-	Adani		
10. Punjab	-	TSPL		

**GRADE FOR 2018-19**  
**JAGANNATH AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Jagannath Colliery	OC	Talcher Seam-II, III & IV	Steam	G11
2	Jagannath Colliery	OC	Talcher Seam-II, III & IV	ROM	G12
3	Bhubaneswari OCP	OC	Talcher Seam-II, III & IV	Steam	G10
4	Bhubaneswari OCP	OC	Talcher Seam-II, III & IV	ROM	G12
5	Ananta OCP	OC	Talcher Seam-II & III	Steam	G10
6	Ananta OCP	OC	Talcher Seam-II & III	ROM	G12
7	Bhubaneswari OCP/Sdng	Siding	Siding-I & II	ROM	G12
8	Bhubaneswari OCP/Sdng	Siding	Siding-III & IV	ROM	G12
9	Ananta OCP/Sdng	Siding	Siding-V & VI	ROM	G12

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24/3/2018

**GENERAL MANAGER(QC)**  
**MAHANADI COALFIELDS LIMITED**  
**SAMBALPUR**

**GRADE FOR 2018-19  
BHARATPUR AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Bharatpur OCP	OC	Talcher Seam- II, III & IV	ROM	G13
2	Bharatpur OCP Silo-1&2	OC	Talcher Seam- II, III & IV	ROM	G13
3	Bharatpur Siding VII & VIII	Siding	Talcher Seam- II, III & IV	ROM	G13
4	Bharatpur MGR	Siding	Talcher Seam- II, III & IV	ROM	G13

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SAMBALPUR**



**GRADE FOR 2018-19  
HINGULA AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Hingula OCP	OC	Talcher Seam-IX	Steam	G12
2	Hingula OCP	OC	Talcher Seam-IX	ROM	G13
3	Hingula OCP	OC	Talcher Seam-VIII	Steam	G12
4	Hingula OCP	OC	Talcher Seam-VIII	ROM	G13
5	Balram OCP	OC	Seam-II DE & II C	Steam	G12
6	Balram OCP	OC	Seam-II DE & II C	ROM	G13
7	Balram OCP	OC	Seam-III A & III E	Steam	G12
8	Balram OCP	OC	Seam-III A & III E	ROM	G13

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24/3/2018

**GRADE FOR 2018-19  
TALCHER AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Talcher Colliery	UG	Talcher Seam-I Top section	Steam	G9
2	Talcher Colliery	UG	Talcher Seam-I Top section	ROM	G11
3	Nandira Colliery	UG	Talcher Seam-I Top section	Steam	G8
4	Nandira Colliery	UG	Talcher Seam-I Top section	ROM	G8

*(Signature)*  
24/3/2018

**GENERAL MANAGER(QC)  
MAHANADI COALFIELDS LIMITED  
SAMBALPUR**

**GRADE FOR 2018-19  
KANIHA AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Kaniha OCP	OC	Talcher Seam-II	ROM	G14
2	Kaniha OCP/MGR	Siding	Talcher Seam-II	ROM	G14

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MAHANADI COALFIELDS LIMITED  
SAMBALPUR**

**GRADE FOR 2018-19  
LINGARAJ AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Lingaraj OCP	OC	Talcher Seam-II, III & VII	ROM	G12
2	Lingaraj OCP	OC	Talcher Seam-IVA, IVB, V, VIA & VIB	ROM	G13
3	Lingaraj MGR	Siding	Composite Grade of Coal Seams of Lingaraj OCP	ROM	G13

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*M. B. H.*  
24/3/2018

**GENERAL MANAGER(QC)  
MAHANADI COALFIELDS LIMITED  
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**GRADE FOR 2018-19  
LAKHANPUR AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Lakhanpur OCP	OC	Lajkura seam	ROM	G14
2	Lakhanpur OCP/Sdgd	Siding	Y-Curve Siding-IV (BOCM-I)	ROM	G14
3	Lakhanpur OCP/Sdgd	Siding	Y-Curve Siding-V (BOCM-II)	ROM	G14
4	Lakhanpur OCP/Sdgd	Siding	BOCM-VII Siding	ROM	G14
5	Lakhanpur OCP/MGR	Siding	MGR 06	ROM	G14
6	Belpahar OCP	OC	Rampur & IB	Steam	G13
7	Belpahar OCP	OC	Rampur & IB	ROM	G14
8	Belpahar OCP/Sdgd	Siding	BOCM-3	ROM	G14
9	Belpahar OCP/Sdgd	Siding	BOCM-6	ROM	G14
10	Lilari OCP	OC	Lajkura seam	Steam	G12
11	Lilari OCP	OC	Lajkura seam	ROM	G14

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*24/3/2018*

GENERAL MANAGER(QC)  
MAHANADI COALFIELDS LIMITED  
SAMBALPUR

**GRADE FOR 2018-19  
IB VALLEY AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Lajkura OCP	OC	Composite grade coal of Lajkura seam Top & Bottom	Steam	G12
2	Lajkura OCP	OC	Composite grade coal of Lajkura seam Top & Bottom	ROM	G13
3	Lajkura OCP	OC	Composite grade coal of Parkhani & Local 2	ROM	G17
4	Lajkura OCP	OC	Local 3	ROM	G14
5	Samleswari OCP	OC	Lajkura seam Top & Bottom & local seam	Steam	G13
6	Samleswari OCP	OC	Lajkura seam Top & Bottom & Local seam	ROM	G14
7	Samleswari OCP/Sdg	Siding	Lajkura-I	ROM	G14
8	Samleswari OCP/Sdg	Siding	Lajkura-II	ROM	G14
9	Lajkura OCP/Sdg	Siding	Lajkura-III	ROM	G14

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*24/3/2018*

**GENERAL MANAGER(QC)  
MAHANADI COALFIELDS LIMITED  
SAMBALPUR**

**GRADE FOR 2018-19  
ORIENT AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Orient Colliery Mine No.2	UG	HR seam	Steam	G9
2	Orient Colliery Mine No.2	UG	HR seam	ROM	G10
3	Orient Colliery Mine No.3	UG	Lajkura seam	Steam	G9
4	Orient Colliery Mine No.3	UG	Lajkura seam	ROM	G10
5	Orient Colliery Mine No.4	UG	HR seam	Steam	G8
6	Orient Colliery Mine No.4	UG	HR seam	ROM	G9
7	Hirakhand Bundia Mine	UG	HR seam	Steam	G10
8	Hirakhand Bundia Mine	UG	HR seam	ROM	G11
9	Orient Siding	Siding	ROM sized coal from Mine- 2/ 3/ 4/ HBM	ROM	G10

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GENERAL MANAGER(QC)  
MAHANADI COALFIELDS LIMITED  
SAMBALPUR

**GRADE FOR 2018-19  
BASUNDHARA AREA**

SL. NO.	COLLIERY/SIDING	TYPE OF MINE	SEAM/ SECTION	SIZE OF COAL	APPROVED GRADE FOR 2018-19
1	Basundhara (W) OCP	OC	Rampur seam	ROM	G13
2	Kulda OCP	OC	Ib Bottom seam	ROM	G9(P)
3	Kulda OCP	OC	Ib Top seam	ROM	G9(P)
4	Kulda OCP	OC	Lajkura-I seam	ROM	G13(P)
5	Kulda OCP	OC	Lajkura-II seam	ROM	G13
6	Kulda OCP	OC	Lajkura-III seam	ROM	G13
7	Kulda OCP	OC	Lajkura-IV seam	ROM	G13(P)
8	Kulda OCP	OC	Rampur-IV seam	ROM	G13
9	Kulda OCP	OC	Rampur-III Bottom seam	ROM	G13
10	Kulda OCP	OC	Rampur-III Top seam	ROM	G13
11	Kulda OCP	OC	Rampur-II seam	ROM	G13
12	Kanika Sdg	Siding	Rampur seam of Basundhara OCP & all Rampur & all Lajkura seam of Kulda OCP	ROM	G13
13	Sardega Sdg	Siding	Composite grade coal of BOCP(W), Rampur-II, III (T&B), IV and Lajkura -I, II, III & IV of Kulda OCP	ROM	G13(P)

(P) - Indicates Provisional

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24/3/2018

**GENERAL MANAGER(QC)  
MAHANADI COALFIELDS LIMITED  
SAMBALPUR**



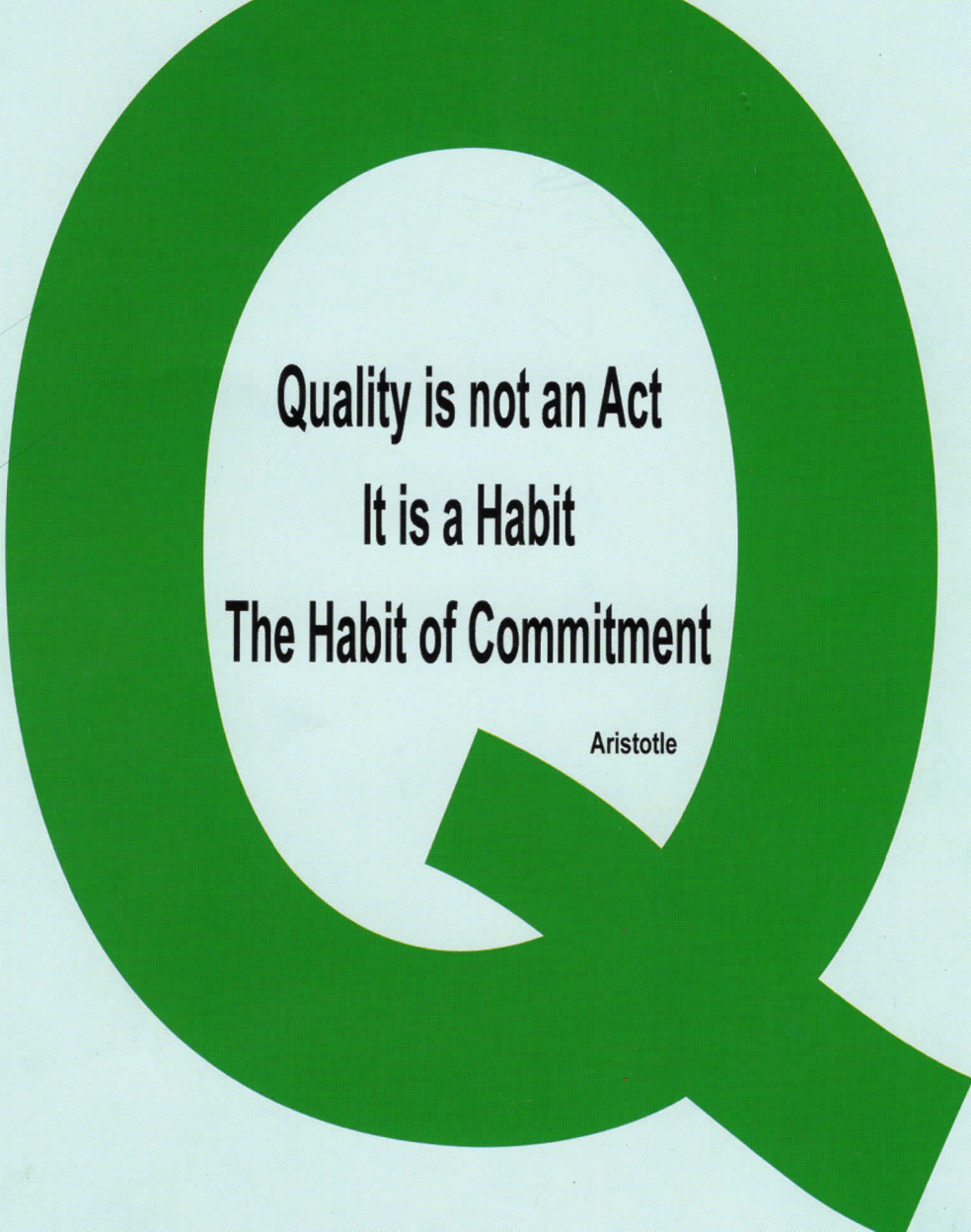
# GCV RANGE

GRADE	Gross Calorific Value (GCV Bands) (K.Cal/Kg)
G1	Exceeding 7000
G2	Exceeding 6700 & not exceeding 7000
G3	Exceeding 6400 & not exceeding 6700
G4	Exceeding 6100 & not exceeding 6400
G5	Exceeding 5800 & not exceeding 6100
G6	Exceeding 5500 & not exceeding 5800
G7	Exceeding 5200 & not exceeding 5500
G8	Exceeding 4900 & not exceeding 5200
G9	Exceeding 4600 & not exceeding 4900
G10	Exceeding 4300 & not exceeding 4600
G11	Exceeding 4000 & not exceeding 4300
G12	Exceeding 3700 & not exceeding 4000
G13	Exceeding 3400 & not exceeding 3700
G14	Exceeding 3100 & not exceeding 3400
G15	Exceeding 2800 & not exceeding 3100
G16	Exceeding 2500 & not exceeding 2800
G17	Exceeding 2200 & not exceeding 2500

**CONTACT NUMBER OF AREA HEADS RELATED TO SALES/QUALITY CONTROL**

Name	Desgn.	STD Code	Tel No.
<b>Jagannath Area</b> Shri M.G. Brahmpurkar Shri A.K. Lakra	General Manager Area Sales Manager	06760 06760	269242 269528 (PBX) 9438879717
<b>Bharatpur Area</b> Shri Charan Singh Shri A.K. Dash	General Manager Area Sales Manager	06760 06760	260324 260109 (PBX) 9438878214
<b>Lingaraj Area</b> Shri R.V. Ringe Shri S.C. Patra	General Manager Area Sales Manager	06760 06760	240589 241271 (PBX) 9438879824
<b>Hingula Area</b> Shri S. Roychoudhury Shri Sitaram Paul	General Manager Area Sales Manager	06760 06760	265350 265359 9438493491
<b>Talcher Area</b> Shri Narayan Dash Shri M. Panda	General Manager Area Sales Manager	06760 06760	269622 269131 (PBX) 9438878055
<b>Kaniha Area</b> Shri Ranjan Sah Shri M.M. Biswal	General Manager Area Sales Manager	06760 06760	240244 241265 (PBX) 9438877929
<b>Ib Valley Area</b> Shri M.S. Sharma Shri Vivek Kumar	General Manager Area Sales Manager	06645 06645	242140 240840 9437485259
<b>Orient Area</b> Shri V.G. Pratapan Shri R.K. Tarai	General Manager Area Sales Manager	06645 06645	242134 240332 9437090439
<b>Lakhanpur Area</b> Shri R.P. Gupta Shri S. Sharma	Chief General Manager Area Sales Manager	06645 06645	233202 233978 9438878023
<b>Basundhara Area</b> Shri N. Kalla Shri T.K. Pattnaik	General Manager Area Sales Manager	06621 06621	286133 286112 9438879825
<b>MCL, Bhubaneswar Office</b> Shri S.S.S. Panda	Dy.GM I/C	0674	2748042
<b>MCL, Kolkata Office</b> Shri S. Mallik	Ch. Manager(M&S)/ I/C Kolkata Office	033	22885571





**Quality is not an Act  
It is a Habit  
The Habit of Commitment**

Aristotle