



MCL

महानदी कोलफील्ड्स लिमिटेड
ମହାନଦୀ କୋଲଫିଲ୍ଡ୍ସ ଲିମିଟେଡ୍
Mahanadi Coalfields Limited

(A Subsidiary of Coal India Limited)

Sambalpur - 768020 (Odisha)

वार्षिक कोल ग्रेड - 2016-17
ANNUAL COAL GRADE 2016-17



Coal → Power → Smile

MCL *Bring Smile In Every Hut ...*



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

ANNUAL COAL GRADE

2016 - 17



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QUALITY CONTROL DEPARTMENT

MAHANADI COALFIELDS LIMITED

(A Mini Ratna Company)

AT/P.O. JAGRUTI VIHAR, BURLA

Dist.- Sambalpur - 768020 (Odisha)

**GRADE FOR 2016-17
TALCHER AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	TALCHER	Talcher Seam-I (Top)	G 7(P)	G 7(P)
2	NANDIRA	Talcher Seam-I (Top & Bottom)	G 7(P)	G 7(P)

(P) - Indicates Provisional


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[9]

**GRADE FOR 2016-17
LINGARAJ AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	LINGARAJ OCP	Composite Grade Coal of Talcher Seam II, III,	---	G 12
		Composite Grade Coal of Talcher Seam IVA, IVB, V, VIA, VIB & VII	---	G 13 (P)
2	DEULBERA SIDING	Composite Grade Coal of Seams of Lingaraj OCP (Talcher II & III)	---	G 12
		Composite Grade Coal of Seams of Lingaraj OCP (Talcher IVA, IVB, V, VIA, VIB & VII)	---	G 13 (P)
3	MGR SIDING	Composite Grade Coal of Seams of Lingaraj OCP (Talcher II & III)	---	G 12
		Composite Grade Coal of Seams of Lingaraj OCP (Talcher IVA, IVB,V, VIA, VIB & VII)	---	G 13 (P)

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A. SAMRAI PIR

**GRADE FOR 2016-17
JAGANNATH AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	JAGANNATH OCP	Composite Grade Coal of Talcher Seam-II , III & IV	G10	G12
2	BHUBANESWARIOCP	Composite Grade Coal of Talcher Seam-II & III & IV	G10	G12
3	SIDING NO. I & II	Composite Grade Coal of Seams Of Jagannath & Bhubaneswari OCP	---	G12
4	SIDING NO. III & IV	Composite Grade Coal of Seams Of Jagannath OCP & Bhubaneswari OCP	---	G12

[8]

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**GRADE FOR 2016-17
BHARATPUR AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	BHARATPUR OCP	Composite Grade Coal of Talcher Seam-II,III & IV	G10	G12
2	ANANTA OCP	Composite Grade Coal of Talcher Seam-II & III	G10	G12
3	MGR(BHARATPUR)	Composite Grade Coal of Seams of Bharatpur OCP	---	G12
4	SIDING NO.VII & VIII	Composite Grade Coal of Seams of Bharatpur OCP, Hingula OCP, Balram OCP & Bhubaneswari OCP	---	G12
5	SIDING NO.V & VI	Composite Grade Coal of Seams of Bharatpur OCP, Ananta OCP & Bhubaneswari OCP	---	G12


[6]


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**GRADE FOR 2016-17
HINGULA AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	HINGULA OCP	Composite Grade Coal of Talcher Seam VIII & IX	G12	G13
2	BALARAM OCP	Composite Grade Coal of Talcher Seam II(D+E), IIIA, IIIB, IIIC & IIIE	G12	G13
3	BALARAM SIDING -IX	Composite grade coal of seams of Balaram OCP & Hingula OCP	---	G13

[10]


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**GRADE FOR 2016-17
KANIHA AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	KANIHA OCP	Composite Grade Coal of Talcher Seam II : T4 to T2, B1, T1 to B2 & T4 to B2	---	G 12
2	MGR SIDING	Composite Grade Coal of Seams of Kaniha OCP	---	G 12

[11]


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**GRADE FOR 2016-17
ORIENT AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	ORIENT MINE NO.2	Composite Grade Coal of Himgir Rampur Seam III & IV	G 8	G 9
2	ORIENT MINE NO.3	Lajkura Seam IV (Bottom)	G 8	G 9
3	ORIENT MINE NO.4	Composite Grade Coal of Himgir Rampur Seam (Top & Bottom)	G 7	G 9
4	HIRAKHANDA BUNDIA MINE	Himgir Rampur Seam (Sec. A, B, C, C1)	G 9(P)	G 10(P)
5	ORIENT SIDING	Composite grade coal of Seams of Mine No 2,3,4	---	G 9

[12]

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**GRADE FOR 2016-17
IB VALLEY AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	LAJKURA OCP	Composite Grade Coal of Lajkura Seam (Top & Bottom)	G12	G13
2	SAMLESWARI OCP	Composite Grade Coal of Lajkura Seam(Top & Bottom) & Local Seam (Found in Patches)	G12	G13
3	LAJKURA SIDING-I	Composite Grade Coal of Seams of Samaleswari OCP	---	G13
4	LAJKURA SIDING II	Composite Grade Coal of Seams of Samaleswari OCP	---	G13
5	LAJKURA SIDING-III	Composite Grade Coal of Seams of Samaleswari OCP & Lajkura OCP Coal of HR Seam of HBM	---	G13 G10 (P)

[13]

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**GRADE FOR 2016-17
LAKHANPUR AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	BELPAHAR OCP	Composite Grade Coal of Rampur (Top & Bottom) & IB Seam	G12	G13
2	LAKHANPUR OCP	Lajkura Seam	G12	G13
3	LILARI OCP	Lajkura Seam	G12	G13(ROM)
4	BELPAHAR Y - CURVE SIDING NO. IV & V (BOCM - I & II)	Composite Grade Coal of Seam of Lakhanpur & BOCM	---	G13
5	BOCM SIDING -VI & VII	Composite Grade Coal of Seam of Lakhanpur & BOCM	---	G13
6	BOCM SIDING - III	Composite Grade Coal of Seam of Lakhanpur & BOCM	---	G13
7	LAKHANPUR MGR	Coal of Seam of Lakhanpur OCP	---	G13

[14]



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**GRADE FOR 2016-17
BASUNDHARA - GARJANBAHAL AREA**

SL. NO.	NAME OF COLLIERY/ SIDING	NAME OF SEAM	EFFECTIVE GRADE 2016-17	
			STM	ROM (Sized)
1	BASUNDHARA (WEST)	IB Bottom IB Top Rampur	G 8 G 11(P) G 11(P)	G 9 G 12(P) G 12(P)
2	KULDA OCP	Rampur II Rampur III (Top) Rampur III (Bottom) Rampur IV	G 11(P) G 11(P) G 11(P) G 11(P)	G 12(P) G 12(P) G 12(P) G 12(P)
3	KANIKA SIDING	Composite grade coal of Ib Top & Rampur of Basundhara (W) and Rampur-II & III Top & Bottom and Rampur IV of Kulda OCP	-	G 12 (P)

[15]

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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