

COAL GRADES

2022 - 2023



Quality Management Department
CENTRAL COALFIELDS LIMITED

(A Miniratna Company)

DARBHANGA HOUSE, RANCHI - 834029



CENTRAL COALFIELDS LIMITED
DARBHANGA HOUSE : RANCHI
(A subsidiary of Coal India Limited)



Ref. No. : CCL/HQ/QM/Annual Grade/2022-23/335; Dated: 31-03-2022

To
The Coal Controller,
Office of the Coal Controller,
Ministry of Coal, Govt. of India,
1, Council House Street,
Kolkata – 700001

Sub. : Declaration of Grades of Coal Seams being worked in Central Coalfields Limited for the Year 2022-23.

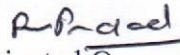
Dear Sir,

In reference to your letter no. CC/Tech/Annual Grade/CCL/2022-23 dated, the 30th March, 2022 and in pursuance of rule (4) of colliery control (amendment) rule 2021, Govt. of India based on Systematic Sampling & Scientific Analysis, the grades of coal seams being worked at different collieries of Central Coalfields Limited for the Year 2022-23 are being declared and enclosed herewith.

These grades will have effect from 00:00 hrs of 1st April 2022.

Encl. : As above.

Yours faithfully,


Nominated Owner/31/03
Director (Tech./Oprns)



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Note : Prov. – Indicates Provisional Grade.

CENTRAL COALFIELDS LIMITED
AREA : PIPARWAR
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	Piparwar	Up.Dakra	O/C	4301-4600	G10
2		Lr.Dakra	O/C	4301-4600	G10
3		Bukbuka	O/C	4601-4900	G9
4		Bukbuka (Top)	O/C	4301-4600	G10
5		Bisrampur	O/C	4601-4900	G9
6		Karkata	O/C	4601-4900	G9
7	Ashok	Up. Dakra	O/C	4601-4900	G9
8		Lr. Dakra	O/C	4001-4300	G11
9		Bukbuka	O/C	4601-4900	G9
10		Up. Bisrampur	O/C	4901-5200	G8
11		Lr. Bisrampur	O/C	4901-5200	G8
12		Karkata	O/C	4901-5200	G8
13		K-1	O/C	3701-4000	G12 (Prov.)
14		K-2	O/C	4301-4600	G10 (Prov.)

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding	Grade for 2022-23
1	Piparwar	RCM	G7/G8/G9/G10/G11/G12
2		Bachra Spur	WC(NC)/G9/G10/G11

CENTRAL COALFIELDS LIMITED
AREA : NORTH KARANPURA
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	KDH	Dakra	O/C	4001-4300	G11
2		Bukbuka	O/C	4301-4600	G10
3		Bisrampur	O/C	4601-4900	G9
4	Dakra	Dakra	O/C	4001-4300	G11
5		Bukbuka	O/C	4301-4600	G10
6		Bisrampur	O/C	4601-4900	G9
7	Churi Re-Orgn.	Lr.Bachra	U/G (Bottom 4.6 M)	5201-5500	G7
8		Up.Bachra	U/G	4601-4900	G9
9	Karkata	Dakra	O/C	--	--
10		Bukbuka	O/C	4301-4600	G10
11		Bisrampur	O/C	--	--
12	Rohini	Up.Dakra	O/C	4301-4600	G10
13		Top Lr.Dakra	O/C	3701-4000	G12
14		Midd. Lr.Dakra	O/C	3401-3700	G13
15	Purnadih	Midd.Lr.Dakra	O/C	4001-4300	G11
16		Bot.Lr.Dakra	O/C	5201-5500	G7

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding	Grade for 2022-23
1	North Karanpura	KD (New)	G9/G10/G11/G12/ G13
2		Dakra (Manual)	G5/G6/G7/G9/G10/ G11/G12/G13
3		KD (Old)	G9/G10/G11

CENTRAL COALFIELDS LIMITED
AREA : AMRAPALI-CHANDRAGUPT
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	Amrapali	I (Top)	O/C	3701-4000	G12 (Prov.)
2		I (T+M+B) Combined	O/C	4001-4300	G11 (Prov.)
3		I (T+M)	O/C	3401-3700	G13
4		I (Bottom)	O/C	3701-4000	G12
5		IV	O/C	4001-4300	G11
6		III C	O/C	4301-4600	G10
7		II (Top)	O/C	3701-4000	G12
8		II (Bottom)	O/C	4001-4300	G11

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding	Grade for 2022-23
1	Amrapali- Chandragupta	Shivpur (Line No.4)	G10/G11/G12/G13
2		Shivpur (Line No.1)	G10/G11/G12/G13

CENTRAL COALFIELDS LIMITED
 AREA : MAGADH SANGHMITRA
 COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	Magadh	IV	O/C	4001-4300	G11
2		III	O/C	4001-4300	G11
3		II (Top)	O/C	3701-4000	G12
4		I (Top)	O/C	4301-4600	G10
5		I (Middle)	O/C	3701-4000	G12
6		I (Bottom)	O/C	4001-4300	G11
7		(III Bottom+II) Comb.	O/C	4001-4300	G11

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding	Grade for 2022-23
1	Magadh-Sanghmitra	BALUMATH (Line No.4)	G10/G11/G12/G13
2		BUKRU (Line No.4)	G10/G11/G12/G13
3		PHULBASIYA	G10/G11/G12/G13

CENTRAL COALFIELDS LIMITED
AREA : RAJHARA
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	Rajhara	Rajhara Bott.	O/C	4601-4900	G9
2	Tetariakhar	III/II	O/C	4001-4300	G11
3		I	O/C	4301-4600	G10

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding	Grade for 2022-23
1	Rajhara	Rajhara	G9
2		Tori	G10/G11/G12

CENTRAL COALFIELDS LIMITED
AREA : BARKA-SAYAL
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	Bhurkunda	Up. Semana	U/G	6101-6400	G4
2		Lr.Semana	U/G	5201-5500	G7 (Prov.)
3		Up. Nakari	U/G	---	---
4		Lr. Nakari	U/G	---	---
5		Hathidari	U/G	5201-5500	G7
6		Bansgarha	U/G	5201-5500	G7
7		Argada (Sangam)	O/C	5801-6100	G5
8		Up./Lr. Sirka	O/C	6101-6400	G4
9		Argada-A	O/C(Qry.3)	5501-5800	G6
10		Sayal	O/C	4601-4900	G9
11		Up. Balkudra	O/C	4901-5200	G8
12		Lr. Balkudra	O/C	4901-5200	G8
13	Urimari U/G (Sayal-D)	Hathidari	U/G	5801-6100	G5 (Prov.)
14		Bansgarha	U/G	5201-5500	G7
15	Urimari	Saunda	O/C	4601-4900	G9
16		Up. Balkudra	O/C	4601-4900	G9
17		Lr. Balkudra	O/C	4901-5200	G8
18		Sayal	O/C New Patch Gandhania	3701-4000	G12
19		Balkudra - A	O/C	4901-5200	G8
20	N. Urimari (Birsa)	Argada	O/C	6101-6400	G4
21		Argada-A/Argada-B	O/C	5801-6100	G5
22		Argada (Top)	O/C	5201-5500	G7
23		Argada (Middle)	O/C	4901-5200	G8
24		Argada (A+B)	O/C	4901-5200	G8
25		Argada (M+B)	O/C	5201-5500	G7
26		Argada (Bottom) Comb.	O/C	4901-5200	G8
27	Hindegir	IV	U/G	---	---

STEAM COAL GRADES
FOR THE YEAR 2022-23

Sl. No.	Area	Colliery	Coal Seam	GCV Band	Grade for 2022-23(STEAM)
1	Barka-Sayal	Birsa OCP	Argada (A+B)	5501-5800	G6
2		Birsa OCP	Argada (M+B)	6101-6400	G4(Prov.)
3		Urimari OCP	Upper Balkudra	5201-5500	G7(Prov.)

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding/CHP	Grade for 2022-23
1	Barka-Sayal	Bhurkunda (CHP)	G4/G5/G6/G7
2		Saunda	G5/G6/G7/G8/G9/G10/G11/G12
3		Central Saunda	G4/G5/G6/G7

CENTRAL COALFIELDS LIMITED

AREA : ARGADA

COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	Gidi-A	Argada	O/C	5501-5800	G6
2		Argada-A	O/C	4901-5200	G8
3		Argada-B	O/C	4901-5200	G8
4	Religara	Argada	O/C	5501-5800	G6
5		Argada-A	O/C	4901-5200	G8
6		Argada-B	O/C	4601-4900	G9
7		Argada-C	O/C	4901-5200	G8
8		Argada-D	O/C	4901-5200	G8
9	Gidi-C	Argada-A	O/C	---	---
10		Argada-B	O/C	5501-5800	G6
11		Argada-C&D	O/C	5501-5800	G6
12		Argada-L,M,N,O(Comb.)	O/C	4001-4300	G11
13	Sirka	Argada/ Argada-A/Sirka	O/C	5801-6100	G5

STEAM COAL GRADES

FOR THE YEAR 2022-23

Sl. No.	Area	Colliery	Coal Seam	GCV Band	Grade for 2022-23(STEAM)
1	ARGADA	Religara	Argada-A	5801-6100	G5
2			Argada-B	5501-5800	G6
3			Argada-C	5501-5800	G6
4			Argada-D	5501-5800	G6
		Gidi-A	Argada-A	5801-6100	G5 (Prov.)
5		Gidi-C	Argada (LMNO)	5501-5800	G6

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding/CHP	Grade for 2022-23
1	Argada	Gidi-A(CHP)	G5/G6/G7/G8/G11
2		Gidi-Washery	WC (NC)
3		Sirka(CHP)	G5/G6/G7/G8/G11

CENTRAL COALFIELDS LIMITED

AREA : KUJU

COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	GCV Band	Grade for 2022-23 (ROM)
1	Ara	XI	O/C	-	WIII
2		X	O/C	-	WIII
3		V	O/C	-	WIII
4		VA	O/C	-	WIII
5		IV	U/G & O/C (Mixed)	-	WIV
6		III	O/C 16B Qr.	-	WIV
7	Sarubera	V/VA/IV/III	O/C	-	WIV
8		II/IIA	U/G 3C/10 No.Inc.	-	WIV
9		I	U/G/8ABC/3CInc.	-	W-V(Prov.)
10	Kuju	X(Top/Midd/Bott.)	O/C(Hesagora)	5801-6100	G5
11		X	O/C	5501-5800	G6
12	Pundi	VII	O/C		WIII
13		V	O/C		WIII
14		IV	O/C		WIV
15		III	O/C	----	----
16	Karma	VII	O/C	5201-5500	G7(Prov.)
17		VI	O/C	5201-5500	G7
18	Topa	XI	O/C	-	WIV
19		IX/X	O/C	-	WIV
20		VIII	O/C		WIV
21		VI/VII	O/C(Topa Re-Org.)		WIV
22		V	U/G&O/C (Topa Re-Org.)	-	WIV
23		VA	O/C(Topa Re-Org.)	-	WIII
24		IV/III	O/C(Topa Re-Org.)		WIV
25	Pindra	IX	U/G	-	WIV
26		VII/VI	U/G & O/C (Mixed)		WIII
27		V	O/C	-	WIII
28		IV/III	O/C	-	WIV

STEAM COAL GRADES

FOR THE YEAR 2022-23

Sl. No.	Area	Colliery	Coal Seam	GCV Band K.Cal/Kg	Grade for 2022-23(STEAM)
1	KUJU	Topa	V	---	WII
2		Karma	VII	6101-6400	G4

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding	Grade for 2022-23
1	Kuju	N.R	WIII/WIV/WVI/ G5/G6/G7/G8/G9/ G11/G12
2		Kuju New Siding	WIII/WIV/WVI/WVI/ G5/G6/G7/G8/G9/ G10/G11/G12

CENTRAL COALFIELDS LIMITED
AREA : HAZARIBAG
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	Grade for 2022-23 (ROM)
1	Tapin (S)	VIII	U/G	WII
2		VII	O/C	WII
3		VIIIA/VIIIB/VIIA/VIIIB/VI	O/C	WIV
4		VA	O/C	WIV
5		IV/III	O/C	WIV
6		IV/V	O/C	WIV
7	Tapin	II	O/C	WIV
8		IV/V	O/C	WIV
9		VA	O/C	WIV
10		VII	O/C	WII
11		VIIA/VIIIB (Combined)	O/C	WIV
12		VIII	O/C	WIII
13		IXA	O/C	WII
14		IX	O/C	WII
15	KUGP	VA	U/G	WII
16		VIII	U/G	WIV
17	Jharkhand	V	OC	WIV
18		IV/III	O/C	WIV
19		VA	O/C	WIV
20	KOCF	V	O/C	WIV
21		VA/VI/VII (Comb)	O/C	---
22	Laiyo	XI	U/G	WIV
23		V	U/G	WIII
24		VA	U/G	WIV
25	Parej-East	IV	O/C	WIV
26		III	O/C	WIV
27		II Top	O/C	WIV
28		II Bott.	O/C	WIV

STEAM COAL GRADES
FOR THE YEAR 2022-23

Sl. No.	Area	Colliery	Coal Seam	Grade for 2022-23(STEAM)
1	Hazaribag	PareJ East	II Top	WIII
			II Bottom	WIII (Prov.)
2			III	St.II
3		Tapin (S)	IV/V	WII
4			VA	WII
5		Tapin	IV/V	WII
6			VA	WI
7			VIIA/VIIIB (Comb)	WI
8		Jharkhand	IV	WII
9	III		WII	

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl.	Area	Name of the Siding	Grade for 2022-23
1	Hazaribag	Chainpur	WC (C)/WC (P)/G5

CENTRAL COALFIELDS LIMITED
AREA : RAJRAPPA
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	Grade for 2022-23 (ROM)
1	Rajrappa	VIII A	O/C	WII
2		VII Top	O/C	WII
3		VII Bottom	O/C	WIII
4		VI	O/C	WIV
5		V	O/C	WIV

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding/CHP	Grade for 2022-23
1	Rajrappa	Rajrappa Washery	WC(CC/PC)/WIV/WIII

CENTRAL COALFIELDS LIMITED
AREA : KATHARA
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	Grade for 2022-23 (ROM)
1	Kathara	Kargali	O/C	WII
2		Kathara	O/C	WIII
3	Jarangdih	Karo Maj.VIII	O/C	WIV
4		Karo Maj.X	O/C	WIV
5		Bermo	O/C	WIV
6	Sawang (O/C)	Bermo	O/C	WIV
7		Up.Karo	O/C	WIV
8		Lr.Karo	O/C	WIV
9	Govindpur Phase-II	Bermo	O/C	WIV
10		Up. Karo X	O/C	WIV
11		Lr. Karo VIII	O/C	WV
12		Lr. Karo VII (Top)	O/C	WIV
13		Lr. Karo VII (Bot.)	O/C	W-V
14		Lr. Karo VI	O/C	W-V
15	Govindpur	JRD 10'	U/G (3&4 Inc.)	WIV
16		JRD 6'	U/G (5&6 Inc)	WIII
17		JRD 18'	U/G (1&2 Inc.)	WIV
18		Kathara	U/G	WIII
19		Swang-C	U/G	WIV
20		Kargali Top/Bot	O/C	WIII
21		Bermo	O/C	WIV

STEAM COAL GRADES
FOR THE YEAR 2022-23

Sl. No.	Area	Colliery	Coal Seam	Grade for 2022-23(STEAM)
1	KATHARA	Jarangdih	X	WIII
2			VIII	WIII
3		GVP PH-II	VIII	WII

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding/CHP	Grade for 2022-23
1	Kathara	Jarangdih PF-II	W-V/WIV/WIII/ WC(P)/G8/G9/G10
2		Kathara (Washery)	WC(C)/WC(P)
3		Sawang (Washery)	WC(C)/WC(P)

CENTRAL COALFIELDS LIMITED
AREA : BOKARO & KARGALI
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	Grade for 2022-23 (ROM)
1	Bokaro	Kargali	O/C	WII
2		Bermo	O/C	WIV
3	Kargali	Kargali	O/C (Dhori Patch)	WIII
4	Karo-I Project	Karo XI	O/C	WIV
5		Karo X	O/C	WIV
6		Karo IX	O/C	WIV
7		Karo VIII	O/C	WIV
8		Karo VII & VI	O/C	W-V
9		Karo V	U/G	WIV
10	AKK OCP	Karo X	O/C	WIV
11		Karo VIII	O/C	W-V
12		Karo VII & VI	O/C	W-IV
13		Karo V	U/G	WIV
14		Karo III	U/G	WIII
15	Karo Proj.II (KSP Phase-II)	Karo V	U/G	WIV

STEAM COAL GRADES
FOR THE YEAR 2022-23

Sl. No.	Area	Colliery	Coal Seam	Grade for 2022-23(STEAM)
1	B&K	AKK OCP	VIII,VII & VI	WIII
2		Karo OCP	VIII, VII & VI (Comb.)	WIII
3		Karo OCP	X	WII

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl.	Area	Name of the Siding/CHP	Grade for 2022-23
1	Bokaro & Kargali	Jarangdih PF-I	WIV/W-V/G8/G9/G10
2		Kargali (Washery PF-II) Karo	WIV/W-V/G8/G9/G10
3		Kargali (Washery)	WC(C)/WC(P)

CENTRAL COALFIELDS LIMITED
AREA : DHORI
COAL GRADES FOR THE YEAR 2022-23

Sl. No.	Colliery	Coal Seam	Location	Grade for 2022-23 (ROM)
1	Sel.Dhori Open Cast Mine	Karo Maj.(IX-X)	O/C	WIII
2		Karo Maj. VIII	O/C	WIV
3		Karo Maj. VII&VI	O/C	WIV
4	Tarmi	Karo Maj V	O/C	W-VI
5		Karo Spl.III	O/C	WIII
6	Amlagamated Amlo Dhori Open Cast Mine	Karo Maj. (IX-X)	O/C	WIII
7		Karo Maj. VIII	O/C	WIV
8		Karo Maj. VII&VI	O/C	WIV
9		Bermo	O/C	WIV
10	Dhori (Khas)	Karo Spl.III (Chapri)	U/G	WII
11		Karo Bott. (Pichari)	O/C	WIV
12	Giridih	Khandia IV	O/C	---
13		Khandia III/II/I	O/C)PDS/Kabribad	G8
14		Balihill	O/C	G10
15		Jatkuti	O/C	G10

STEAM COAL GRADES
FOR THE YEAR 2022-23

Sl. No.	Area	Colliery	Coal Seam	Grade for 2022-23(STEAM)
1	Dhori	Sel.Dhori Open Cast Mine	VIII, VII&VI	WIII
2		Tarmi	V	WIII
3		Amlagamated Amlo Dhori Open Cast Mine	VIII, VII&VI	WIII
1	Giridih	Giridih OCP	Balihill	G7

GRADE FOR SIDING FOR THE YEAR 2022-23

Sl. No.	Area	Name of the Siding	Grade for 2022-23
1	Dhori	Tarmi	WVI/WV/WIV/G8/G10
2		Sel.Dhori	WIII/WIV
3		Dhori L-1	WIII/WIV/WV/G8/G10
4		Dhori L-2	WIV/W-V/G8/G10
5	Giridih	Giridih (CP)	G8/G10