

### **Fuelling Sustainable** Growth

# सेंट्रल कोलिफल्डस लिगिटेड

## Central Coalfields Limited

(A Subsidiary of Coal India Limited) DARBHANGA HOUSE, RANCHI-834001 JHARKHAND, INDIA



Ref. No.: CCL/HQ/QM/2024/Prov.Gr.Decln./2972

Dated: 22 /11/2024

To The Coal Controller, Coal Controller Organisation, Scope Minar 5th Floor, Core-II Laxmi Nagar, Delhi - 110092

Sub.: Declaration of Provisional Grade of ROM coal produced from Sirka, Argada and Argada-A coal

seam of Sirka OCP of Argada Area in CCL.

Dear Sir,

In pursuance of Clause 4(1) & 4 (2) of Colliery Control Rules, 2004 and rule (4) of colliery control (amendment) rule 2021, Govt. of India based on Systematic Sampling & Scientific Analysis, the grade of ROM coal produced from Sirka, Argada and Argada-A coal seam of Sirka OCP of Argada Area is being declared in following manner:

Sl.No.	Name of Seam	Declared Grade (Provisional)		
1	Sirka	G5		
2	Argada	G5		
3	Argada-A	G5		

The analysis results of coal samples are being enclosed in Annexure.

These grades will have effect from 00.00 Hours of 23.11.2024

Encl.: Analysis Result (Annexure).

Sincerely,

Nominated Owner/Dir.(Tech/Oprn) CCL, Ranchi

Distribution:

Director (T/P &P), CCL, Ranchi

2. Director (F), CCL, Ranchi

3. OSD, CCO, CMPDIL, Gondwana Place, Kanke Road, Ranchi.

4. TS to CMD, CCL, Ranchi.

5. TS to Director (Tech.)(Oprns.), CCL, Ranchi.

6. General Manager (Oprns.), CCL, Ranchi.

7. General Manager (M&S), CCL, Ranchi.

8. General Manager(System), CCL, Ranchi for uploading on CCL website.

9. General Manager, Argada Area.

10. Project Officer, Sirka OCP.

11. Area QMO, Argada Area.

12. Area Sales Manager, Argada Area.



# CENTRALCOALTESTING LABORATORY

CENTRAL COAL FIELDS LIMITED

(A Subsidiary of Coal India Limited)
Quality Management Department, Darbhanga House,

Ranchi : 834 001 (Jharkhand) India Websitchttp://centralcoalfields.in



TC-12123

#### : TEST REPORT:

Test F	Report No.: TC121:	232400000253F	Testing S	ite: Permar	ent (at laboratory)	Report Type	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	
ate	of receipt of e				Issue of result	22-11-2024		
Custo	mer Details	G.M.(Q.M), C	CL IIQ, I	Ranchi.				
Custo	mer Request/letter	ref. No:- CCL(I	IQ)/QM/Ai	nalysis	The second secon	06-11-2024		
			: DETAILS	S OF SAM	PLE:	Ammout	wight OIV a	
Lab I	THE RESIDENCE OF THE PROPERTY	CCTL/2024/2	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	WANTED BY GROWING BUTCH	rial: Coal sample	Approxweight:01Kg		
Mater	ial Condition	Sealed plastic attached.		g Labor at the	ratory Temperature time of analysis	21 C		
	le Particulars as itted by customer	Colly. :- Sirka Seam :- Sirka Source :- Sean Sample no. :-(	n ,	repro	le Collected & depo escutative of QM D	eptt. CCL H	thorized Q.	
	le analysis Start	13-11-2024	=		le Analysis End	17-11-2024		
date	1.200		, FINESCIPE	date RESULTS				
Dinal	-line/Cuerns	Chemical/Solid		Materio		Chemical		
Disci S.	pline/Group:- Test Parameter	Unit of	Analysis	Analysis	1111	Deviation	Conformity	
No.	rest raianeer	Measurement	Result (ADB)	Result (EQB 40'C& 60%RH)	Test Method Reference	from test method, if any		
1	Moisture Content	% by mass	4.67	4.05	IS:1350(Part-1): 1984		<u>.</u>	
2	Ash Content	% by mass	20.98		IS:1350(Part-1): 1984	 yes	Not	
3	Volatile Matter	% by mass	28.11	10.00	IS:1350(Part-1): 1984	<b>.</b>	Applicable	
4	Gross Calorific Value (GCV)	Kcal/kg	5787	5825	IS:1350(Part-2): 2022			
Decla	rations:-							
а.	Samples will be de	stroyed after 30(1	hirty) days	from the da	te of issue of origina	al test report.		
b.	Test samples, groun	nd to pass inroug	n 212-micro	Coal Testir	prepared by laborating Laboratory only,	or sampled for	r testing as	
	per applicable para		u at Centrai	Coai restii	ig Laboratory only,	or sampled to	i testing as	
d.	Sampling at source	mine was not do	ne by labor	atory.				
d.	Test Report(s) shall	not be reproduc	ed except in	ı full withou	it approval of the lal	poratory can p	rovide	
	assurance that parts	of a report are n	ot taken ou	t of context.				
	e : Hema Kuman gnation: Asst. Che	ri/S. K.Saha mist / Chemist	22/419		ized Signatory:- Vinayak D. Shesha ation:-Dy. Manager( PRT*** 33,AmendNo.00,Am	dri (CP)	Manager (C.) Manager (C.) Manager (Alordio Manager (Alord	
-		*	**ENDOF	ESTREPO	RT***	74-7	विश्वक नास्ति	
			CONTRACTOR OF THE SAME AND ADDRESS OF THE SAME ADDRESS OF THE SAME AND ADDRESS	CONTRACTOR OF THE PARTY OF THE	The state of the s			

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# CENTRALCOALTESTING LABORATORY

CENTRAL COAL FIELDS LIMITED

(A Subsidiary of Coal India Limited) Quality Management Department, Darbhanga House, Ranchi: 834 001 (Jharkhand) India Websitehttp://centralcoalfields.in



TC-12123

### : TEST REPORT:

est Report No.: TC121	232400000255F	Testing Si	te: Permane	nt (at laboratory)	Report Type:	Original		
Date of receipt of 06-11-2024 sample			,	Date of Issue of result 22-11-2024				
ustomer Details	G.M.(Q.M), C	CL IIQ, R	anchi.					
ustomer Request/letter	ref. No:- CCL(II	Q)/QM/An	alysis		06-11-2024			
	:	DETAILS	OF SAMP	LE:		Saht Olka		
ab ID	CCTL/2024/25		THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	lal: Coal sample	Approxweight:01Kg			
laterial Condition	Sealed plastic battached.	oag, with tag	g Labore at the	atory Temperature time of analysis	210			
ample Particulars as abmitted by customer	Colly. :- Sirka Seam :- Argad Source :- Sean	a	Sampl repres	e Collected & deposentative of QM D	osited by: Aut	horized Q.		
iomitica by casiomer	Sample no. :-							
ample analysis Start	13-11-2024			e Analysis End	17-11-2024			
ate		. epika cien	date					
	Cham! ==1/0=1!		RESULTS Materia		Chemical			
Discipline/Group:-	Chemical/Solid Fuels   Unit of Analysis   A		Analysis	.,	Deviation	Conformity		
Test Parameter	Unit of Measurement	Result (ADB)	Result (EQB 40°C& 60%RH)	Test Method Reference	from test method, if any			
Moisture Content	% by mass	5.12	4.16	IS:1350(Part-1): 1984				
2 Ash Content	% by mass	20.93		IS:1350(Part-1): 1984		Not Applicable		
3 Volatile Matter	% by mass	28.40	2 <b></b>	IS:1350(Part-1): 1984				
Gross Calorific Value (GCV)	Kcal/kg	5749	5807	IS:1350(Part-2): 2022	~	100		
Destauntiones								
Commiss will be d	estroyed after 30(	thirty) days	from the da	te of issue of origin	nal test report.			
T-4les are	und to page through	h 212-micro	on sieve are	prepared by labora	tory.			
ner applicable par	rameters.			ng Laboratory only	, or sampled to	er testing as		
1 Compling of cour	e/mine was not de	one by labor	ratory.					
d. Test Report(s) she assurance that pa	all not be reproducts of a report are	ced except in not taken ou	t of context	ut approval of the l				
		مرکد.	ox		لم	mediana		
Reviewed By 22 111	124 30	1 /20	Author	rized Signatory:-	VOS	-DITICP		
Marion Diff	ari/ S. K.Saha		Name	: Vinayak D. Shesh	nadri 🚬 🚯	anager		
Name : nema kum			Daging	ation: Dy Manage	rdCP) UV	12/2/14/20		
Name: Hema Kum Designation: Asst. Cl	nemist / Chemist	ALENDAE	TECTOES	Opress	ज्या मुबं	वक । जासी वर्ष		
Designation: Asst. Cl	ari/ S. K.Saha nemist / Chemist p.CCTL-TR-01,Is	**ENDOF	TESTREPO	rized Signatory:- : Vinayak D. Shesh nation:-Dy. Manage ORT***	mand Dobaria	anager (C.P.) (afrefir) <del>an</del> anager (C.P.)		

Sh VD Sherhodi

Oualty Management Deptt, CCL, Ranchi गुणवला विभाग सीठरीकाल



# CENTRALCOALTESTING LABORATORY

CENTRAL COAL FIELDS LIMITED

(A Subsidiary of Coal India Limited) Quality Management Department, Darbhanga House, Ranchi: 834 001 (Jharkhand) India Websitehttp://centralcoalfields.in



TC-12123

#### : TEST REPORT:

Report No.: TC1212		Testing S				Report Type	: Original		
le s				Date of Issue of result 22-11-2024					
omer Details	G.M.(Q.M), (	CCL HQ, I	Ranchi.						
omer Request/letter	ref. No:- CCL(I	IQ)/QM/Ai	nalysis		Dt:-	06-11-2024			
Δ	CCTI nosan	DETAILS							
							eight:01Kg		
	attached.		_			21°C			
	Seam :- Argad Source :- Sear	la n							
le analysis Start	13-11-2024				nalysis End	17-11-2024			
		: TEST							
	Chemical/Solid	d Fuels	Mai	terial:-		Chemical			
Test Parameter	Unit of Measurement	Analysis Result (ADB)	Result (EQB 40°C	t Te Re		Deviation from test method, if any	Conformity		
Moisture Content	% by mass	5.09	4.3				4 12 14		
Ash Content	% by mass	20.89					Not		
Volatile Matter	% by mass	28.05					Applicable		
Gross Calorific Value (GCV)	Kcal/kg	5763	58			·,	4 - 10 v.		
arations:-							11 <sup>7</sup> L		
Samples will be des	troyed after 30(t	hirty) days	from the	e date of	issue of origina	al test report.			
Test samples, groun	d to pass throug	h 212-micro	n sieve	are prep	pared by laborat	ory.			
		at Central	Coal I	esting La	aboratory only,	or sampled to	r testing as		
Sampling at source	ameters.								
Test Report(s) shall	not be reproduce	ed except in	full wi	thout ap	proval of the la	boratory can p	provide		
		ot taken out	or cont	iexi.		or A. endo	10		
Hema	Kour	My					wed rupos		
ewed By, 22 [1]	127	aln la			Signatory:-	4	Manager (C.I		
	/SK Saha 📿	TYV\"	Nar	me : Vin	ayak D. Shesha	arı Dy. N	Idina . ,		
e: Hema Kumari	nist / Chemist  **  CTL-TR-01,Issi	·			n:-Dy. Manager	(CP) 711-Ud	lanager (०.) हाक (सी०पी०)		
	of receipt of le omer Details omer Details omer Request/letter of le omer letter of le omer letter of le omer letter of	of receipt of le  omer Details  Omer Request/letter ref. No:- CCL(le  omer Request/letter ref. No:- Collea  omer Period of Sealed plastic  statached.  Colly.: - Sirks  Seam :- Argad  Source :- Seam Sample no.:-  letter of No:- Chemical/Solid  Noisture of No:- Chemical/Solid  Seam :- Argad  Source	of receipt of le  Omer Details  G.M.(Q.M), CCL IIQ, I  Omer Request/letter ref. No:- CCL(HQ)/QM/An  : DETAILS  DETAILS  CCTL/2024/256  Sealed plastic bag, with ta attached.  Colly.:- Sirka OCP  Seam:- Argada  Source:- Seam  Sample no.:- 01  13-11-2024   Test Parameter  Unit of Measurement  Measurement  Ash Content  Ash Content  Ash Content  Ash Content  We by mass  Content  Ash Content  Ash Content  Samples will be destroyed after 30(thirty) days:  Test results relate to sample received at Central per applicable parameters.  Sampling at source/mine was not done by laborat assurance that parts of a report are not taken out  Samples will be destroyed after and taken out  Sampling at source/mine was not done by laborated assurance that parts of a report are not taken out  Sampling at source/mine was not days as the out  Sampling at source/mine was not days as t	of receipt of le  omer Details  G.M.(Q.M), CCL HQ, Ranchi.  omer Request/letter ref. No:- CCL(HQ)/QM/Analysis  : DETAILS OF S  : DETAILS OF S  interpolation  Sealed plastic bag, with tag attached.  Colly.:- Sirka OCP Seam:- Argada Source:- Seam Sample no.:- 01  ole analysis Start  Test Parameter  Unit of Measurement  Measurement  Moisture Content  Ash Content  Ash Content  We by mass  Content  Ash Content  We by mass  Content  Ash Content  Content	Date of Issuer Details  Omer Details  G.M.(Q.M), CCL IIQ, Ranchi.  Omer Request/letter ref. No:- CCL(IIQ)/QM/Analysis  : DETAILS OF SAMPLE	Date of Issue of result    Comer Details   G.M.(Q.M), CCL HQ, Ranchi.	Date of Issue of result   C2-11-2024   Date of Issue of result   C2-11-2024   C2-11-2024   C3-11-2024   C3-		

Doc, No. CCTL-TR-01, IssueQ2, IssueDt. 26.07.2023, AmendNo.00, Amend. Dine:00

Quality Management Deptt, CCL, Ranchi णवता विभाग, सी०सी०एल०

VA Sherhodin

दरभंगा हाउस, राँची



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Quality Management Department, Darbhanga House, Ranchi: 834 001 (Jharkhand) India Websitehttp://centralcoalfields.in



TC-12123

#### : TEST REPORT:

est R	leport No.: TC1212	232400000257F	Testing S	ite: Perm	anent (at laboratory)	Report Typ	e: Original	
Date sample				Date	Date of Issue of result 22-11-2024			
	mer Details	G.M.(Q.M), C	CL HQ, F	Ranchi.		7 1 2		
Custo	mer Request/letter	ref. No:- CCL(I	IQ)/QM/Ar	alysis	Dt:-	06-11-2024		
	•		: DETAILS	OF SAN	MPLE:			
Lab II		CCTL/2024/2			erial: Coal sample		veight:01Kg	
Mater	rial Condition	Sealed plastic bag, with tag attached.			oratory Temperature he time of analysis	21°C		
. " "	poster, gran	Colly. :- Sirk						
	le Particulars as	Seam :- Argad			ple Collected & dep			
submi	itted by customer	Source :- Sear		rep	resentative of QM I	Jeptt. CCL H	iQ.	
Came	le analysis Start	Sample no.:- (	71	San	ple Analysis End	17-11-2024		
samp date	ne analysis Start	13-11-2024		date		17-11-2024		
date	e - 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	7938	: TEST	RESULT				
Disci	pline/Group:-	Chemical/Soli	d Fuels	Mater	ial:-	Chemical		
S.	Test Parameter	Unit of	•	Analysis	I	Deviation	Conformity	
No.		Measurement	Result (ADB)	Result (EQB 40°C&	Test Method Reference	from test method, if any	us I	
1	Moisture Content	% by mass	4.62	60%RH) 4.02	IS:1350(Part-1): 1984			
2	Ash Content	% by mass	20.81		IS:1350(Part-1): 1984	- ds	Not Applicable	
3	Volatile Matter	% by mass	28.76	<b></b>	IS:1350(Part-1): 1984			
4	Gross Calorific Value (GCV)	Kcal/kg	5783	5819	IS:1350(Part-2): 2022			
Decl	arations:-		will di	連 も	190	T. Val.		
a.					ate of issue of origina		8	
b.					e prepared by laborat			
c.		•	d at Central	Coal Test	ing Laboratory only,	or sampled fo	r testing as	
d.	per applicable para Sampling at source		ne by Jahora	tory		a de la companya de l		
d.					out approval of the lal	horatory can n	rovide	
	assurance that parts	s of a report are n	ot taken out	of contex	t.	bolatory can p	a conde	
-	jewed By,22 111 V	<u>uui</u>	N2/11/91	1	rized Signatory:- : Vinayak D. Shesha nation:-Dy. Manager( ORT***	لامر	1 2 lun	
Revi	iewed By, 22 111 1	21 3	92	Autho	rized Signatory:-	28.25	lager and	
	ne : Hema Kumai	ri/ S. K.Saha		Name	: Vinayak D. Shesha	dri Dy. Min	\$ (4)0410)	
Desi	ignation: Asst. Che	mist / Chemist	*ENDOET	Design Testin ESTREP	nation:-Dy. Manager(	(CP) JU-VAEL	anchive Pottion	
	Doc.No.	CCTL-TR-01,Issi	1 (02) IssueD	1.26.07.20	MyendNo.00.Am	end Dute:00		
()	DOC.NO.	Mr My Con	O Quality Deptt., Judan fa	Managem CCL, Ranc	rized Signatory:- : Vinayak D. Sheshanation:-Dy. Manager(  ORT***  CATAMA  Part SalamendNo.00,Am	end.Dute:00		

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गुणवता विनाग सी०सी०एत० दरभंगा हाउस, राँची



### CENTRALCOALTESTING LABORATORY CENTRAL COAL FIELDS LIMITED

(A Subsidiary of Coal India Limited) Quality Management Department, Darbhanga House, Ranchi: 834 001 (Jharkhand) India Websitehttp://centralcoalfields.in



TC-12123

#### · TEST REPORT ·

Test I	Report No.: TC121	232400000258F	Testing S	ite: Perma	nent (at laboratory)	Report Type	e: Original	
Date sampl	of receipt of	06-11-2024			f Issue of result	22-11-2024		
Custo	omer Details	G.M.(Q.M), (	CCL HQ, I	Ranchi.	-7	<del></del>		
Custo	mer Request/letter	ref. No:- CCL(I	IQ)/QM/Ai	nalysis	Dt:-	06-11-2024		
			: DETAILS					
Lab I		CCTL/2024/2	58	Mat	erial: Coal sample	Approxw	eight:01Kg	
Mater	rial Condition	Sealed plastic attached.	bag, with ta		oratory Temperature e time of analysis	21°C		
- 1200 - 1200		Colly Sirka						
Sample Particulars as		Seam- Argada		Sam	ple Collected & dep	osited by: Au	horized	
Submi	itted by customer	Source- Seam		repr	representative of QM Deptt. CCL HQ.			
C	1 1	Sample no0	2					
Samp. date	le analysis Start	13-11-2024		date	ole Analysis End	17-11-2024		
D: .	1: (0			RESULT		1111		
	oline/Group:-	Chemical/Solid		Materi	al:-	Chemical		
S. No.	Test Parameter	Unit of Measurement	Result (ADB)	Analysis Result (EQB 40'C&	Test Method Reference	Deviation from test method, if any	Conformity	
				60%RH)		any		
1	Moisture Content	% by mass	4.90	4.09	IS:1350(Part-1): 1984	-		
2	Ash Content	% by mass	20.94		IS:1350(Part-1): 1984		Not	
3	Volatile Matter	% by mass	28.61	, <b></b>	IS:1350(Part-1): 1984	-	Applicable	
4	Gross Calorific Value (GCV)	Kcal/kg	5765	5814	IS:1350(Part-2): 2022			
	rations:-		5,000	N <sub>u</sub>		to eti	8.1	
					ate of issue of origin			
					prepared by laborat			
	per applicable parai	neters.			ng Laboratory only,	or sampled for	r testing as	
	Sampling at source				2,3			
	Test Report(s) shall assurance that parts				ut approval of the la	boratory can p	rovide	
Revie	Jema &	124 S	22 July	Autho	rized Signatory:-	vá	du Silasia du Silasia saci (C.P.)(	
Name				patient person	: Vinayak D. Shesha			

\*\*\*ENDOF JESTREPORT

Doc.No.CCTL-TR-01, Issue07, IssueDt. 20.07. 1023, AmendNo.00, Amend. D

Sh VD Steinader