



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



Ref. No. : CCL/HQ/QM/2023/Prov.Gr.Decln./ 2232

Dated: 14 /12/2023

To  
The Coal Controller,  
Coal Controller Organisation,  
Scope Minar 5<sup>th</sup> Floor,  
Core-II Laxmi Nagar,  
Delhi – 110092

**Sub. : Declaration of Provisional Grade of ROM coal produced from Seam II&III (combined) and seam I Top + Middle (combined) of Tetariakhar OCP of Rajahara 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 Seam II&III (combined) and seam I Top+Middle (combined) of Tetariakhar OCP of Rajahara Area is being declared as Grade **G-10 (Provisional)** and Grade **G-11 (Provisional)** respectively. The analysis results of coal samples are being enclosed in Annexure.

This grade will have effect from 00.00 Hours of 15 .12.2023.

Encl.: 1. Analysis Result.

Yours faithfully,

Nominated Owner/Dir.(Tech/Oprn)

**Distribution :-**

1. OSD, CCO, CMPDIL, Gondwana Place, Kanke Road, Ranchi.
2. TS to CMD, CCL, Ranchi.
3. TS to Director (Tech.)(Oprns.), CCL, Ranchi.
4. General Manager (Oprns.), CCL, Ranchi.
5. General Manager (M&S), CCL, Ranchi.
6. General Manager (System),CCL.-For uploading CCL Web site
7. General Manager, Rajahara Area.
8. Project Officer, Tetariakhar OCP.
9. Area QMO, Rajahara Area.
10. Area Sales Manager, Rajahara Area.





**CENTRAL COAL TESTING LABORATORY**  
**CENTRAL COALFIELDS LIMITED**  
 (A Subsidiary of Coal India Limited)  
 Quality Management Department, Darbhanga House: Ranchi 834  
 001 (Jharkhand) India  
 Website http://centralcoalfields.in



**: TEST REPORT :**

Test Report No. CCTL/2023/G-188	Testing Site : Permanent (at laboratory)	Report Type: Original
Date of receipt of sample	08-12-2023	Date of Issue of result
Customer Details	G.M (Q.M), CCL HQ, Ranchi	

Customer Request/letter ref. No.

**: DETAILS OF SAMPLE :**

Lab ID	CCTL/2023/307	Material: Coal sample	Approx weight: 01Kg
Material Condition	Sealed plastic bag with signed ID tag attached.	Laboratory Temperature at time of GCV analysis	21°C
Sample Particulars as submitted by customer	Colly: Tetariakhar OCP Seam: 1 Top + Mid. (comb.) Source: Seam Sample no: 01	Sample Collected & deposited by: Authorized Representative of Q.M. Deptt. CCL-HQ, Ranchi	
Sample analysis Start date	10.12.2023	Sample Analysis End date	13.12.2023

**: TEST RESULTS:**

Discipline/ Group :-		Chemical/ Solid Fuels		Material: -		Chemical	
S. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB at 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	Conformity
1	Moisture Content	% by mass	6.02	7.05	IS:1350(Part-1): 1984	--	Not Applicable
2	Ash Content	% by mass	36.82	--	IS:1350(Part-1): 1984	--	
3	Volatile Matter	% by mass	20.02	--	IS:1350(Part-1): 1984	--	
4	Gross Calorific Value (GCV)	Kcal/kg	4167	4121	IS:1350(Part-2): 2022	--	

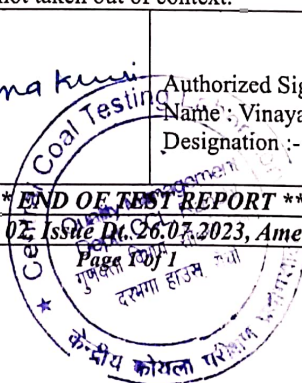
**Declarations:-**

- Samples will be destroyed after 30(thirty) days from the date of issue of original test report.
- Test samples, ground to pass through 212-micron sieve are prepared by laboratory.
- Test results relate to sample received at Central Coal Testing Laboratory only, or sampled for testing as per applicable parameters.
- Sampling at source/mine was not done by laboratory.
- Test Report(s) shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

Reviewed By, <i>S.K. Saha</i> Name : S.K Saha/Hema Kumari Designation : Asst. Chemist-QM	Authorized Signatory:- Name : Vinayak D. Sheshadri Designation :- Dy. Manager (CP) Q.M.
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\*\*\* END OF TEST REPORT \*\*\*

Doc. No. CCTL-TR-01, Issue 02, Issue Dt. 26.07.2023, Amend No. 00, Amend Date : 00



Controlled Copy

*Sin VS, CM(M)*  
*R. Singh* 13/12/23

	<b>CENTRAL COAL TESTING LABORATORY</b> <b>CENTRAL COALFIELDS LIMITED</b> (A Subsidiary of Coal India Limited) Quality Management Department, Darbhanga House: Ranchi 834 001 (Jharkhand) India Website http://centralcoalfields.in	
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**: TEST REPORT :**

Test Report No. CCTL/2023/G-189	Testing Site : Permanent (at laboratory)	Report Type: Original
Date of receipt of sample	08-12-2023	Date of Issue of result
Customer Details	G.M (Q.M), CCL HQ, Ranchi	
Customer Request/letter ref. No.		

**: DETAILS OF SAMPLE :**

Lab ID	CCTL/2023/308	Material: Coal sample	Approx weight: 01Kg
Material Condition	Sealed plastic bag with signed ID tag attached.	Laboratory Temperature at time of GCV analysis	21°C
Sample Particulars as submitted by customer	Colly: Tetariakhar OCP Seam: I Top + Mid. (comb.) Source: Seam Sample no: 02	Sample Collected & deposited by: Authorized Representative of Q.M. Deptt. CCL-HQ, Ranchi	
Sample analysis Start date	10.12.2023	Sample Analysis End date	13.12.2023

**: TEST RESULTS:**

Discipline/ Group :-		Chemical/ Solid Fuels		Material: -		Chemical	
S. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB at 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	Conformity
1	Moisture Content	% by mass	6.11	7.08	IS:1350(Part-1): 1984	--	Not Applicable
2	Ash Content	% by mass	36.75	--	IS:1350(Part-1): 1984	--	
3	Volatile Matter	% by mass	20.11	--	IS:1350(Part-1): 1984	--	
4	Gross Calorific Value (GCV)	Kcal/kg	4198	4154	IS:1350(Part-2): 2022	--	

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Reviewed By, <i>S.K. Saha</i> Name : S.K Saha/ Hema Kumari Designation : Asst. Chemist-QM	Authorized Signatory:- <i>Vinayak D. Sheshadri</i> Name : Vinayak D. Sheshadri Designation :- Dy. Manager (CP)
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\*\*\* END OF TEST REPORT \*\*\*


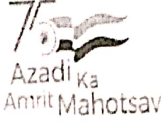
Doc. No. CCTL-TR-01, Issue 02, Issue Dt. 26.07.2023, Amend No. 00, Amend. Date : 00



*13/12/23*  
 Dy. Manager (C.P./Q.M)  
 प्रबंधक (सी.पी.)/ गु.प्र.  
 CCL Ranchi/सी.पी.एच. राँची

Controlled Copy.

*S.K. Saha, CM(M)*  
*R. Saha* 13/12/23

 <b>के.सी.एस.डी.</b> <b>Coal India</b>	<b>CENTRAL COAL TESTING LABORATORY</b> <b>CENTRAL COALFIELDS LIMITED</b> (A Subsidiary of Coal India Limited) Quality Management Department, Darbhanga House: Ranchi 834 001 (Jharkhand) India Website http://centralcoalfields.in	 <b>75</b> <b>Azadi Ka</b> <b>Amrit Mahotsav</b>
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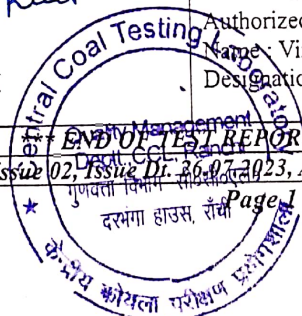
: TEST REPORT :			
Test Report No. CCTL/2023/G-191	Testing Site : Permanent (at laboratory)	Report Type: Original	
Date of receipt of sample	08-12-2023	Date of Issue of result	13-12-2023
Customer Details	G.M (Q.M), CCL HQ, Ranchi		
Customer Request/letter ref. No.			

: DETAILS OF SAMPLE :			
Lab ID	CCTL/2023/309	Material: Coal sample	Approx weight: 01Kg
Material Condition	Sealed plastic bag with signed ID tag attached.	Laboratory Temperature at time of GCV analysis	21°C
Sample Particulars as submitted by customer	<b>Colly: Tetariakhar OCP Seam: II &amp; III (Comb.)</b> <b>Source: Seam</b> <b>Sample no: 03</b> <i>Sample Collected &amp; deposited by: Authorized Representative of Q.M. Deptt. CCL-HQ, Ranchi</i>		
Sample analysis Start date	10.12.2023	Sample Analysis End date	13.12.2023

: TEST RESULTS:							
Discipline/ Group :-		Chemical/ Solid Fuels			Material: -		Chemical
S. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB at 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	Conformity
1	Moisture Content	% by mass	7.02	7.19	IS:1350(Part-1): 1984	--	Not Applicable
2	Ash Content	% by mass	34.33	--	IS:1350(Part-1): 1984	--	
3	Volatile Matter	% by mass	24.16	--	IS:1350(Part-1): 1984	--	
4	Gross Calorific Value (GCV)	Kcal/kg	4324	4316	IS:1350(Part-2): 2022	--	

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Reviewed By, Name : S.K Saha/Hema Kumari Designation : Asst. Chemist-QM <i>(Signature: Hema Kumari, 13-12-23)</i>	Authorized Signatory:- Name: Vinayak D. Sheshadri Designation :- Dy. Manager (CR) <i>(Signature: Vinayak D. Sheshadri, 13/12/2023)</i>
<b>END OF TEST REPORT ***</b> Doc. No. CCTL-TR-01, Issue 02, Issue Dt. 26.07.2023, Amend No. 00, Amend Date 08.08.2023 Page 1 of 1	



**Dy. Manager (C.P)/Q.M**  
 उप-प्रबंधक (सी.पी)/गु.गु  
 CCL, Ranchi

Ss vs, cm(m)

*(Signature: R. ...)*  
 13/12/23



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



**: TEST REPORT :**

Test Report No. CCTL/2023/G-190	Testing Site : Permanent (at laboratory)	Report Type: Original
Date of receipt of sample 08-12-2023	Date of Issue of result	13-12-2023
Customer Details	G.M (Q.M), CCL HQ, Ranchi	

Customer Request/letter ref. No.

**: DETAILS OF SAMPLE :**

Lab ID	CCTL/2023/310	Material: Coal sample	Approx weight: 01Kg
Material Condition	Sealed plastic bag with signed ID tag attached.	Laboratory Temperature at time of GCV analysis	21°C
Sample Particulars as submitted by customer	Colly: Tetariakhar OCP Seam: II & III (Comb.) Source: Seam Sample no: 04	Sample Collected & deposited by: Authorized Representative of Q.M. Deptt. CCL-HQ, Ranchi	
Sample analysis Start date	10.12.2023	Sample Analysis End date	13.12.2023

**: TEST RESULTS:**

Discipline/ Group :-		Chemical/ Solid Fuels		Material: -		Chemical	Conformity
S. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB at 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	
1	Moisture Content	% by mass	6.58	7.17	IS:1350(Part-1): 1984	--	Not Applicable
2	Ash Content	% by mass	34.21	--	IS:1350(Part-1): 1984	--	
3	Volatile Matter	% by mass	24.17	--	IS:1350(Part-1): 1984	--	
4	Gross Calorific Value (GCV)	Kcal/kg	4367	4339	IS:1350(Part-2): 2022	--	

**Declarations:-**

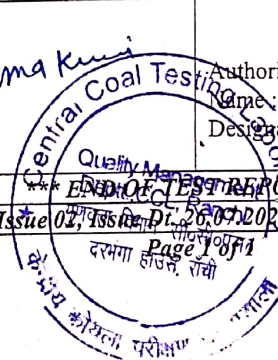
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Reviewed By, S.K Saha/Hema Kumari 13/12/23  
 Name : S.K Saha/Hema Kumari  
 Designation : Asst. Chemist-QM

Authorized Signatory:- Vinayak D. Sheshadri 13/12/23  
 Name: Vinayak D. Sheshadri  
 Designation :- Dy. Manager (C.P)/Q.M

\*\*\* END OF TEST REPORT \*\*\*

Doc. No. CCTL-TR-01, Issue 02, Issue Date: 26.07.2023, Amend No. 00, Amend Date: 13/12/23



**Dy. Manager (C.P)/Q.M**  
 उप-प्रबंधक (सी.पी)/ गुण प्रो.  
 CCL, Ranchi

Sri VS, CM(M)  
R. Singh  
 13/12/23