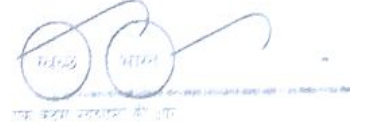




**CENTRAL COALFIELDS LIMITED**  
**DARBHANGA HOUSE, RANCHI**  
(A subsidiary of Coal India Limited)



Ref. No. : CCL/HQ/QM/2024/Prov.Gr.Decln./ 2560

Dated: 06 /05/2024

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 STEAM coal produced from Karo Seam VIII and Karo Seam VII & VI of Karo Open Cast Mine, B&K 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 STEAM coal produced from Karo Seam VIII and Karo Seam VII & VI of Karo Open Cast Mine, B&K Area is being declared (both) as Grade W-III (Provisional). The analysis results of coal samples are being enclosed in Annexure.

This grade will have effect from 00.00 Hours of 07.05.2024.

Yours faithfully,

Encl.: 1. Analysis Result.

  
Nominated Owner/Dir.(Tech/Oprn)

**Distribution :-**

1. 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, B&K Area.
10. Project Officer, Karo O.C.M..
11. Area QMO, B&K Area.
12. Area Sales Manager, B&K 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



TC-12123

**: TEST REPORT :**

Test Report No. : TC121232400000161F	Testing Site : Permanent (at laboratory)	Report Type: Original
Date of receipt of sample	02-05-2024	Date of Issue of result
Customer Details	G.M, Q.M, CCL HQ, Ranchi	

Customer Request/letter ref. No:- nil

**: DETAILS OF SAMPLE :**

Lab ID	CCTL/2024/161	Material: Coal sample	Approx weight: 1.5Kg
Material Condition	Sealed plastic bag, with tag attached.	Laboratory Temperature at time of GCV analysis	29 °C
Sample Particulars as submitted by customer	Colly:- Karo OCP Seam :- Karo VIII Source:- STEAM (Blasted coal from seam) Sample no. - 01 Sample Collected & deposited by : Authorized representative of G.M (QM), CCL Ranchi.		
Sample analysis Start date	04-05-2024	Sample Analysis End date	04-05-2024

**: TEST RESULTS:**

Discipline/ Group :-		Chemical/ Solid Fuels		Material: -		Chemical	
Sl. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	Conformity
1	Moisture Content	% by mass	0.80	--	IS:1350(Part-1):1984	--	Not Applicable
2	Ash Content	% by mass	26.38	--	IS:1350(Part-1):1984	--	
3	Volatile Matter	% by mass	21.57	--	IS:1350(Part-1):1984	--	
4	Gross Calorific Value (GCV)	k Cal/kg	-	-	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: *Hema Kumari*  
 Name : Hema Kumari/K.N.Jha  
 Designation : Asst Chemist/Chemist

Authorized Signatory:- *Vinayak D. Sheshadri*  
 Name : Vinayak D. Sheshadri  
 Designation :- Dy. Manager (CP)

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

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

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*Cam (min)/cam*  
*on 06/5/24*  
*6/5/24*



**CENTRAL COAL TESTING LABORATORY**  
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 Quality Management Department, Darbhanga House:  
 Ranchi 834 001 (Jharkhand) India  
 Website http://centralcoalfields.in



TC-12123

**: TEST REPORT :**

Test Report No. TC121232400000162F Testing Site: Permanent (at laboratory) Report Type: Original  
 Date of receipt of sample: 02-05-2024 Date of Issue of result: 06-05-2024

Customer Details: G.M, Q.M, CCL HQ, Ranchi

Customer Request letter ref. No:- nil

**: DETAILS OF SAMPLE :**

Lab ID	CCTL/2024/162	Material: Coal sample	Approx weight: 1.5 Kg
Material Condition	Sealed plastic bag, with tag attached.	Laboratory Temperature at time of GCV analysis	29 °C
Sample Particulars as submitted by customer	Colly:- Karo OCP Seam :- Karo VIII Source:- STEAM (Blasted coal from seam) Sample no. - 02	Sample Collected & deposited by: Authorized representative of G.M (QM), CCL, Ranchi.	
Sample analysis Start date	04-05-2024	Sample Analysis End date	04-05-2024

**: TEST RESULTS:**

Discipline Group -		Chemical/ Solid Fuels		Material -		Chemical	
S. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	Conformity
1	Moisture Content	% by mass	0.76	--	IS:1350(Part-1): 1984	--	Not Applicable
2	Ash Content	% by mass	26.43	--	IS:1350(Part-1): 1984	--	
3	Volatile Matter	% by mass	21.48	--	IS:1350(Part-1): 1984	--	
4	Gross Calorific Value (GCV)	kCal/kg	--	--	IS:1350(Part-2): 2022	--	

**Declarations:-**

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- Sampling at source/mine was not done by laboratory.
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Reviewed By: *Hema Kumari*  
 Name: Hema Kumari/K.N.Jha  
 Designation: Asst Chemist/Chemist

Authorized Signatory:  
 Name: Vinayak D. Sharma  
 Designation: Dy. Manager (QP)

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

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

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*CM (M+K) Karo  
 Son Umade Singh  
 6/5/2024*





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



TC-12123

**: TEST REPORT :**

Test Report No. : TC121232400000163F      Testing Site : Permanent (at laboratory)      Report Type: Original

Date of receipt of sample      02-05-2024      Date of Issue of result      06-05-2024

Customer Details      G.M, Q.M, CCL HQ, Ranchi

Customer Request/letter ref. No:- :- nil

**: DETAILS OF SAMPLE :**

Lab ID      CCTL/2024/163      Material: Coal sample      Approx weight: 1.5Kg

Material Condition      Sealed plastic bag, with tag attached.      Laboratory Temperature at time of GCV analysis      29<sup>o</sup>C

Sample Particulars as submitted by customer      **Colly:- Karo OCP**  
**Seam :- Karo (VII & VI)**  
**Source:- STEAM**  
**(Blasted coal from seam)**  
**Sample no. - 03**      Sample Collected & deposited by : **Authorized representative of G.M (QM), CCL Ranchi.**

Sample analysis Start date      04-05-2024      Sample Analysis End date      04-05-2024

**: TEST RESULTS:**

Discipline/ Group :-		Chemical/ Solid Fuels		Material: -		Chemical	
S. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	Conformity
1	Moisture Content	% by mass	0.57	--	IS:1350(Part-1): 1984	--	Not Applicable
2	Ash Content	% by mass	27.82	--	IS:1350(Part-1): 1984	--	
3	Volatile Matter	% by mass	17.25	--	IS:1350(Part-1): 1984	--	
4	Gross Calorific Value (GCV)	kCal/kg	--	--	IS:1350(Part-2): 2022	--	

**Declarations:-**

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Reviewed By: *Hema Kumari*  
 Name : Hema Kumari/K.N.Jha  
 Designation : Asst. Chemist/Chemist

Authorized Signatory:-  
 Name : Vinayak D. Sheshadri  
 Designation: Manager (QP)

\*\*\* END OF TEST REPORT \*\*\*  
 Doc. No. CCTL-TR-01, Issue 02, Issue Dt. 26.07.2023, Amend No. 00, Amend. Date: 09/21

*cm/min/am*  
*S. Umesh Saha*  
*6/5/2024*



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



TC-12123

**: TEST REPORT :**

Test Report No. : TC12123240000164F Testing Site : Permanent (at laboratory) Report Type: Original

Date of receipt of sample 02-05-2024 Date of Issue of result 06-05-2024

Customer Details G.M, Q.M, CCL HQ, Ranchi

Customer Request/letter ref. No:- :- nil

**: DETAILS OF SAMPLE :**

Lab ID CCTL/2024/164 Material: Coal sample Approx weight: 1.5 Kg

Material Condition Sealed plastic bag, with tag attached. Laboratory Temperature at time of GCV analysis 29 °C

Sample Particulars as submitted by customer  
 Colly:- Karo OCP  
 Seam :- Karo (VII & VI)  
 Source:- STEAM  
 (Blasted coal from seam)  
 Sample no. - 04  
 Sample Collected & deposited by : Authorized representative of G.M (QM), CCL Ranchi.

Sample analysis Start date 04-05-2024 Sample Analysis End date 04-05-2024

**: TEST RESULTS:**

Discipline/ Group :-		Chemical/ Solid Fuels		Material: -		Chemical	
S. No.	Test Parameter	Unit of Measurement	Analysis Result (ADB)	Analysis Result (EQB 40°C & 60%RH)	Test Method Reference	Deviation from test method, if any	Conformity
1	Moisture Content	% by mass	0.58	--	IS:1350(Part-1): 1984	--	Not Applicable
2	Ash Content	% by mass	27.14	--	IS:1350(Part-1): 1984	--	
3	Volatile Matter	% by mass	17.23	--	IS:1350(Part-1): 1984	--	
4	Gross Calorific Value (GCV)	kCal/kg	--	--	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.
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Reviewed By, Hema Kumari  
 Name : Hema Kumari/K.N.Jha  
 Designation : Asst Chemist/Chemist  
 06/05/24

Authorized Signatory:- Vinayak D. Sheshadri  
 Name : Vinayak D. Sheshadri  
 Designation :- Dy. Manager (CP)  
 06/05/24

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

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

cm (Min) GM  
 Sin...  
 06/05/24

