

**BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH
NEW DELHI**

ORIGINAL APPLICATION No. 643 OF 2023

IN THE MATTER OF:

RAJESH KUMAR

.....APPLICANT

VERSUS

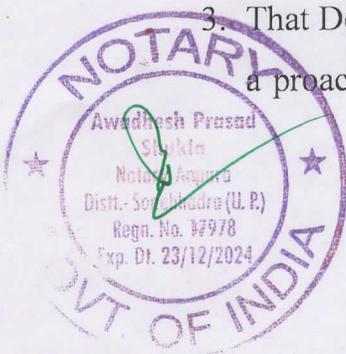
STATE OF UTTAR PRADESH & ORS.

...RESPONDENTS

**REPLY ON BEHALF OF RESPONDENT NO.4/ NORTHERN
COALFIELDS LTD, BINA PROJECT**

I, Pradip Kumar Jana, aged about 55 years, S/o Sh. Joykrishna Jana, presently working as General Manager (Mining)/ Staff Officer (Mining), Northern Coalfields Ltd, Bina Project, District- Sonebhadra, Uttar Pradesh-231220, do hereby solemnly affirm and declare as under: -

1. That I am working as the General Manager (Mining)/ Staff Officer (Mining), Northern Coalfields Limited, Bina Project, as such in my official capacity, I am well conversant with the facts and circumstances of the Present Case and also Competent to swear this Present Affidavit.
2. That the Bina coal mine is an opencast mine, operated by Northern Coalfields Limited, a subsidiary of Coal India, producing 10.5 million-tonnes-per-annum, in Singrauli/Sonebhadra, Madhya Pradesh/Uttar Pradesh State.
3. That Deshaling is the process of removing high density rock from coal. In a proactive initiative to ensure quality coal supply to its customers, Coal



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India Limited is using its de-shaling plants to improve the quality of coal. One such plant with a capacity of 4.5 million tonnes per year is functioning at Bina in Northern Coalfields Ltd. De-shaling is a coal beneficiation process. Shale and other naturally occurring impurities are separated from the mined coal in this process. This results in better and finer quality coal, thereby upholding the quality commitment of CIL to its customers.

4. That it is an admitted position that a deshaling plant is in operation at Bina Project, NCL situated at Sonebhadra District, Uttar Pradesh. The operation and maintenance of Bina Deshaling plant is under Bina Area. After deshaling process, the Byproduct-R is being stacked near weigh bridge no.3.
5. That the average price at which the byproduct from deshaling was sold in the financial year 2023 (till date) is Rs. 2203.54 per tonne. Sh. Rajeev Singh was posted as Area General Manager, Bina Project from 03.04.2022 to 05.07.2023.
6. That due to inherent property of coal, spontaneous heating occurred and immediate action was taken to quench the same and the fire was controlled. In the month of June 2023, the book stock was 68000 tonnes only. As the fire was not for prolonged duration; therefore, there was no loss of reject coal as well as no financial loss to the company. A copy of the month wise position of By-product- R is annexed herewith and marked as ANNEXURE- R4/1.

7. That there was no impact on environment. Ambient air quality monitoring report for quarter ending June, 2023 and September, 2023



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carried by CMPDIL would show that all the parameters in the mine area are within permissible limits. A copy of Ambient Air Quality data is annexed herewith and marked as ANNEXURE- R4/2.

8. That in order to control the dust emission various measures are being taken at Bina project which are as follows:-.

- i) Proper water sprinkling is done by 29 nos. (7nos. deptt.+ 22 nos. outsourcing) watersprinklers of capacity 70 KL, 28KL and 9 KLto suppress fugitive dust emission.
- ii) Presently 5 nos of Fog Canons are installed at Bina Project. They are installed at various locations such as coal stock yards, mine entry, etc.
- iii) 1 no. of road sweeping machine is working Bina Extn project for mechanized sweeping.
- iv) 2 no. of truck mounted mist spray guns are working in Bina Extn. Project for further reduction in the fugitive dust emission.
- v) Fixed sprinklers are installed on stretch of about 2.0 KM along the RCC Road and CHP.
- vi) Fixed sprinkler along complete length of Bina Wharfwall (700m).
- vii) Wheel washing facility commissioned and in operation at Bina project
- viii) Total plantation done in the year 2023-24: 72500 no. of sapling including Miyawaki plantation in 1 ha area.

9. That necessary action is being taken by the management in order to ensure that there is no violation of any environmental norms. The compliance status of Environmental Clearance condition is being submitted on timely basis to SPCBs and Regional Office, MoEF&CC.



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10. That the photographs attached by the applicant in O.A do not depict the true picture of the instant case. Copy of the Google image of the location dated 12.02.2024 is annexed herewith and marked as ANNEXURE-R4/3.

11. That the Northern Coalfields Ltd is taking appropriate remedial action, in accordance with Statutory provisions for prevention, control and abatement of environmental pollution/degradation and for protection and improvement of environment.

12. That I say that the Annexure R4-1 to R4-3 annexed along with the present Affidavit are true copy of its respective original.

13. I say that averments of facts stated herein above are true to my knowledge, no part of it is false and has been derived from the official records and nothing material has been concealed therein.

 
DEPONENT

VERIFICATION

I, above named deponent mentioned above do hereby most solemnly affirm and verify that what is stated in the above affidavit is true to my knowledge and I believe the same to be true as per the official records of Northern Coalfield Ltd.

Verified at Sonebhadra on this 19th day of February, 2024.



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DEPONENT

NORTHERN COALFIELDS LIMITED, BINA PROJECT, DESHALING PLANT
O.D STATEMENT FOR THE YEAR 2022-23
Performance and stock figures of Bina Deshaling Plant for the Year 2022-23

S.N.	Particulars	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Total
A	RAW COAL													
1	Initial Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	Received From Bina Mines	254379.800	125463.260	0.000	0.000	0.000	165157.140	232534.460	213992.290	218154.380	186155.220	141640.040	158598.380	1696074.970
3	Input to Deshaling Plant	254379.800	125463.260	0.000	0.000	0.000	165157.140	232534.460	213992.290	218154.380	186155.220	141640.040	158598.380	1696074.970
4	Final Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B	DESHALED COAL													
1	Initial Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	Production	216579.800	106563.260	0.000	0.000	0.000	149957.140	218734.460	203792.290	207754.380	177355.220	134840.040	150998.380	1566574.970
3	Despatched	216579.800	106563.260	0.000	0.000	0.000	149957.140	218734.460	203792.290	207754.380	177355.220	134840.040	150998.380	1566574.970
4	Final Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C	By-product-R													
1	Initial Stock	14437.600	40457.200	37781.020	18632.050	18632.050	18632.050	33832.050	47632.050	57832.050	68232.050	77032.050	83832.050	14437.600
2	Production	37800.000	18900.000	0.000	0.000	0.000	15200.000	13800.000	10200.000	10400.000	8800.000	6800.000	7600.000	129500.000
3	Sale of By-product-R	11780.400	21576.180	19148.970	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52505.550
4	Final Stock	40457.200	37781.020	18632.050	18632.050	18632.050	33832.050	47632.050	57832.050	68232.050	77032.050	83832.050	91432.050	91432.050
5	By-product-R %	14.86	15.06	0.00	0.00	0.00	9.20	5.93	4.77	4.73	4.80	4.79	7.64	7.64

As per 21/12/23
Pranav K

NORTHERN COALFIELDS LIMITED, BINA PROJECT, DESHALING PLANT
O.D STATEMENT FOR THE YEAR 2023-24
Performance and stock figures of Bina Deshaling Plant for the Year 2023-24

S.N.	Particulars	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	on 1st Jan, 2024
A	RAW COAL											
1	Initial Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	Received From Bina Mines	202317.460	210469.140	197078.800	232127.560	175899.840	318743.080	110340.420	334106.560	8324.360	1789407.220	0.000
3	Input to Deshaling Plant	202317.460	210469.140	197078.800	232127.560	175899.840	318743.080	110340.420	334106.560	8324.360	1789407.220	0.000
4	Final Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B	DESHALED COAL											
1	Initial Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2	Production	192717.460	200469.140	187678.800	225627.560	171899.840	314693.080	108940.420	329906.560	7891.140	1739824.000	0.000
3	Despatched	192717.460	200469.140	187678.800	225627.560	171899.840	314693.080	108940.420	329906.560	7891.140	1739824.000	0.000
4	Final Stock	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
C	By-product-R											
1	Initial Stock	91432.050	85006.890	68210.670	48263.220	21313.360	8368.930	4123.820	3261.210	7461.210	91432.050	0.000
2	Production	9600.000	10000.000	9400.000	6500.000	4000.000	4050.000	1400.000	4200.000	433.220	49583.220	0.000
3	Sale of By-product-R	16025.160	26796.220	29347.450	33449.860	16944.430	8295.110	2262.610	0.000	7894.430	141015.270	0.000
4	Final Stock	85006.890	68210.670	48263.220	21313.360	8368.930	4123.820	3261.210	7461.210	0.000	0.000	0.000
5	By-product-R %	4.75	4.75	4.77	2.80	2.27	1.27	1.27	1.26	5.20	2.77	0

Signature
 Incharge (DSP)
 Bina
 17/01/24

Signature
 SOE&M Bina
 Area General Manager
 Bina
 17.01.2024

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BINA OCP

CMPDI

AMBIENT AIR QUALITY DATA

Name of the Company : Northern Coalfield Limited Year : 2023-24.

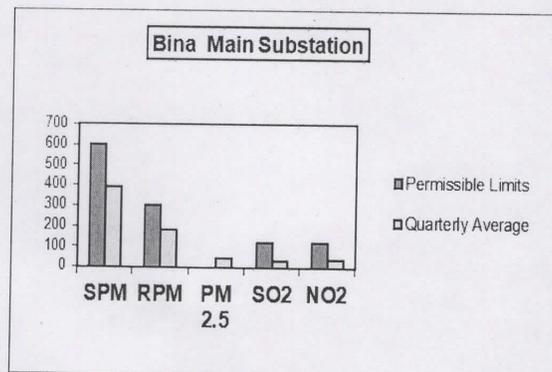
Name of the Project : Bina Opencast Project Q.E. : JUNE'2023.

Core Zone

Name of the Stations & Code :
 1. BA1- Main Sub. Station 2. BA2- OB Sub. Station
 3. BA3- Bina STP 4. BA4- DAV School

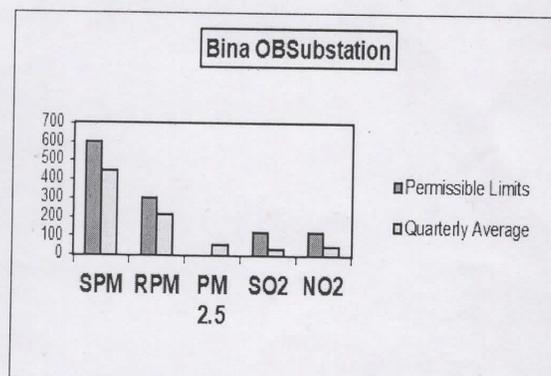
1. Station Code/Name: BA1- Main Sub. Station Category: Industrial.

Date of sampling	SPM	RPM	PM 2.5	SO2	NO2
05/06.04.2023	512	242	67	36	51
24/25.04.2023	460	219	58	32	45
04/05.05.2023	228	97	22	<25	22
23/24.05.2023	432	190	43	30	40
12/13.06.2023	418	204	46	36	48
27/28.06.2023	307	141	38	26	33
Quarterly Average	393	182	46	32	40
Permissible Limits	600	300	*NA	120	120



2. Station Code/Name: BA2 - OB Sub. Station Category: Industrial.

Dates of sampling	SPM	RPM	PM 2.5	SO2	NO2
05/06.04.2023	438	226	59	35	50
24/25.04.2023	405	194	48	31	46
08/09.05.2023	426	233	56	32	46
23/24.05.2023	493	286	65	36	55
12/13.06.2023	461	249	64	35	47
27/28.06.2023	466	114	38	27	30
Quarterly Average	448	217	55	33	46
Permissible Limits	600	300	*NA	120	120



Note: *NA- Standards for coal mines inserted in Environment (Protection) Rules, 1986 via Rule 2(1) of the Environment (Protection) Amendment Rules, 2000 notified vide notification G.S.R. 742(E), dated 25.9.2000. do not stipulate permissible limit for PM 2.5.

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BINA OCP

CMPDI

AMBIENT AIR QUALITY DATA

Name of the Company : Northern Coalfield Limited Year : 2023-24.

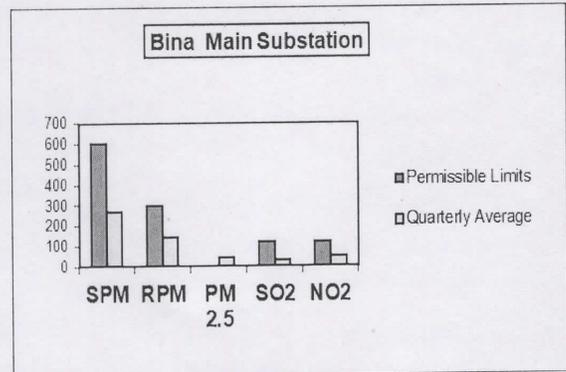
Name of the Project : Bina Opencast Project Q.E. : SEPT'2023.

Core Zone

Name of the Stations & Code :
 1. BA1- Main Sub. Station 2. BA2- OB Sub. Station
 3. BA3- Bina STP 4. BA4- DAV School

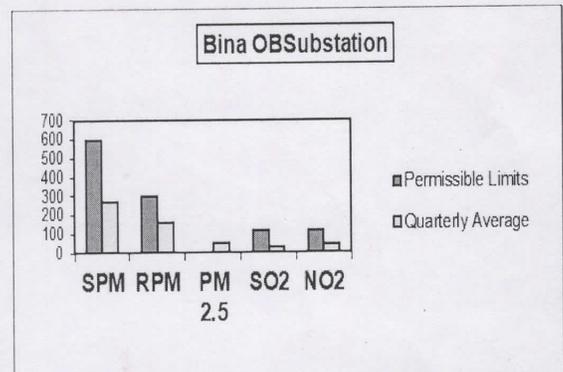
1. Station Code/Name: BA1- Main Sub. Station Category: Industrial.

Date of sampling	SPM	RPM	PM 2.5	SO2	NO2
10/11.07.2023	314	185	54	34	52
20/21.07.2023	302	177	52	33	50
10/11.08.2023	164	73	25	<25	38
25/26.08.2023	216	112	37	30	42
11/12.09.2023	290	154	46	35	53
21/22.09.2023	326	184	52	37	58
Quarterly Average	269	148	44	34	49
Permissible Limits	600	300	*NA	120	120



2. Station Code/Name: BA2 - OB Sub. Station Category: Industrial.

Dates of sampling	SPM	RPM	PM 2.5	SO2	NO2
10/11.07.2023	327	194	59	30	46
20/21.07.2023	292	179	54	32	49
10/11.08.2023	147	64	22	<25	35
25/26.08.2023	335	211	56	28	43
11/12.09.2023	213	137	48	28	36
21/22.09.2023	287	164	53	30	42
Quarterly Average	267	158	49	30	42
Permissible Limits	600	300	*NA	120	120



Note: *NA- Standards for coal mines inserted in Environment (Protection) Rules, 1986 via Rule 2(1) of the Environment (Protection) Amendment Rules, 2000 notified vide notification G.S.R. 742(E), dated 25.9.2000. do not stipulate permissible limit for PM 2.5.

OCP
28/12/23



 **GPS Map Camera**



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Long 82.764284°
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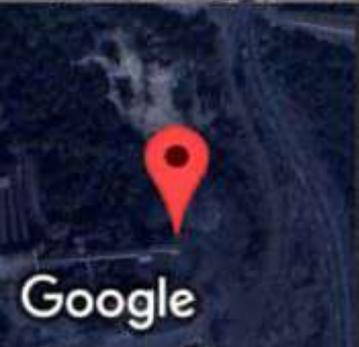
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 **GPS Map Camera**



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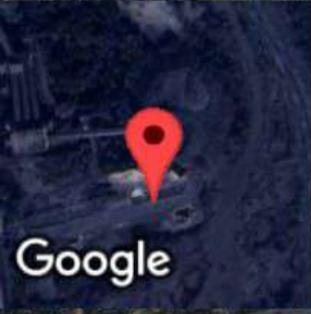
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Google



 **GPS Map Camera**



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