



File No.: J-11015-31-2007-IA-II-M
Government of India
Ministry of Environment, Forest and Climate
Change
IA Division



Dated 23/07/2025



To,

Sh. Anil Kumar Panda
M/s National Aluminium Company Limited (NALCO)
NALCO Bhawan, P-1, Nayapalli P.O.-RRL, Bhubaneswar, Nayapalli, Khordha, Odisha, 751013
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Subject: **Modification of existing Environment Clearances (ECs) of Utkal D Coal Block (ML Area 301.28 ha with Granted production capacity 2.0 MTPA) and Utkal E Coal Block (ML Area 523.036 ha with Granted production capacity 2.0 MTPA) by amalgamating the D & E block with total coal production capacity of 4 MTPA and total lease area of 824.316 ha by M/s. National Aluminium Company Limited (NALCO) located at Village: Nandichhod (Gopiballavpur), Gopinathpur Jungle, Kosala, Kundajhari Jungle, Korada, Rajjharan, Similisahi, Tehsil: Chhendipada District: Angul, Odisha – Amendment in Environment Clearance – regarding**

Sir/Madam,

This is with reference to your online application vide proposal No. IA/OR/CMIN/540965/2025 dated 16.06.2025 along with written submission dated 09.07.2025 for seeking amendment in Environment Clearance accorded by the Ministry vide letter dated 07.12.2024, under the provisions of the EIA Notification, 2006 for the project mentioned above.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC25A0101OR5757667A
(ii) File No.	J-11015-31-2007-IA-II-M
(iii) Clearance Type	Amendment in EC
(iv) Category	A
(v) Schedule No./ Project Activity	1(a) Mining of minerals
(vi) Sector	Coal Mining
(vii) Name of Project	Modification in existing ECs of Utkal D Coal Block (ML Area 301.28 ha with Granted production capacity 2.0 MTPA) and Utkal E Coal Block (ML Area 523.036 ha with Granted production capacity 2.0 MTPA) by amalgamating

the D & E block with total coal production capacity of 4 MTPA and total lease area of 824.316 ha Revenue villages of Tehsil: Chhendipada District: Angul, Odisha - Environment Clearance under Para 7 (ii) of EIA Notification, 2006

(viii) Location of Project (District, State)

Anugul, Odisha

(ix) Issuing Authority

MoEF&CC

(x) EC Date

07/12/2024

(xi) Applicability of General Conditions

NO

(xii) Status of implementation of the project

3. M/s. Nalco Aluminium Company Limited (NALCO) has made an online application vide proposal no. IA/OR/CMIN/540965/2025 dated 16.06.2025 seeking for amendment in Environmental Clearance granted vide Letter No. J-11015-31-2007-IA-II(M) dated 07.12.2024.

4. The instant proposal was considered in 28th EAC meeting held during 30th June, 2025. The MoM for the same may be seen using the web link: parivesh.nic.in.

5. The instant proposal is for seeking amendment in EC Specific Condition no. 1.6 (i.e., regarding extension in timeline for operationalization of Kerjanga Railway Siding) of EC granted vide letter dated 07.12.2024.

6. Details of previous approvals:

S. No	Details of letter No	EC/Amendment EC/Validity Extension /Transfer EC	Capacity (MTPA)	Area (Ha)	Date of Issuance	Status of implementation
Utkal D Block						
1.	J-11015/203/2006-IA. II (M) EC in the name of M/s Orissa Mining Corporation Limited transferred OMC to NALCO (Utkal-D Coal Block)	EC	2.0	301.28	29.01.2007	Implemented (CTO obtained under Air and water act for 2.0 MTPA capacity vide letter no. 4328/IND-I-CON-6762 dated 28.03.2024 valid up to 31.03.2025)
2.	J-11015/203/2006-IA. II (M) EC transferred from M/s OMC to M/s NALCO	EC transfer	2.0	301.28	11.08.2020	
Utkal E Block						
3.	J-11015/31/2007-IA. II (M) followed by corrigendum dated 26.12.2013	EC	2.0	729.49	10.12.2009	Implemented (CTO obtained under Air Act and
4.	J-11015/31/2007-IA. II (M) followed by corrigendum dated 26.12.2013 (EC transferred from NALCO to NALCO) Proposal No: IA/OR/CMIN/495414/2024	EC	2.0	523.036 (Area reduced from 729.48 Ha to 523.036 Ha)	14.11.2024	Water Act for 2.0 MTPA vide letter no. 13906 IND-I-CON-6791 dated 31.08.2024 valid up to 31.03.2025).
Modified EC of Utkal D block and Utkal E block by amalgamation						
5.	J-11015-31-2007-IA-II-M	Amalgamated EC	4.0	824.316	07.12.2024	Being implemented

W.r.t the previous approvals, PP submitted the actual production details of the concerned mine and submitted that the mine became operational from 09.11.2022 onwards. CTO for amalgamated EC was obtained from the SPCB on

28.03.2025 and is valid up to 31.07.2025. Details of the same are as follows:

Year	Actual production (MTPA)	EC sanctioned Capacity (MTPA)	Excess production beyond the EC sanctioned capacity
2023-24	Utkal D: 2 MTPA Utkal E: Nil	Utkal D: 2 MTPA Utkal E: 2 MTPA	Utkal D: Nil Utkal E: Nil
2024-25	2.82 MTPA	Utkal D&E: 4 MTPA	Nil

7. The details of the condition for which amendment is sought and justification for the same is as follows:

Specific/ General Condition No	Detail of condition as per EC	Amendment Sought	Justification
Specific Condition No. 1.6 of EC dated 07.12.2024	Project proponent shall ensure that operationalization of Kerjanga Railway Siding by July, 2025 to reduce the coal transportation by road (19 km distance)	Project proponent shall ensure that operationalization of Kerjanga Railway Siding by December 2026 to reduce the coal transportation by road (19 km distance)	Work completed and in progress: - Consent to Establish of Railway Siding obtained on 05.11.2024 valid up to 5 years - Rail Procurements for track making completed - Civil, S&T and OHE Package is in progress Work to be done - Construction of Railway Siding by Dec., 2025 - Construction of approach road by Feb., 2026 - Consent to Operate by June, 2026 - Unforeseen situation (if any) by Dec., 2026 (Six Month timeline has been kept for unforeseen situation and unavoidable circumstances)

8. Progress of work completed/ under progress for the Kerjanga Railway Siding:

S. No	Package	Present Status (As on May'25)	Remarks
1.	Consent to Establish (Railway Siding)	05.11.2024	-
2.	Rail Procurements for track making	Completed on 30.03.2024	-
3.	Civil Package	55% work completed.	- RUB construction already started. - Minor bridge construction also started. - Rail linking work started from take up point.
4.	S&T Package	80% material received at site.	Erection/commissioning of work will be started from July, 2025. These work will start only after substantial progress in Civil infrastructure and railway track work.
5.	OHE Package	80% material received at site.	Erection/commissioning of work will be started from July, 2025. These work will start only after substantial progress in Civil infrastructure and railway track work.

9. Work Pending and required extra time for completion:

S. No	Nature of Job	Present Status (As on May'25)	Timeline for completion
1.	Construction of Railway Siding	Construction of Railway Siding is in advance stage of construction and is expected to complete in next six months. Although encroachment of land issue is there.	Till Dec., 2025
2.	Construction of approach road	Revised petition filed for Krushnachandrapur village plot where settlement was conducted on 01.05.2014. - Conversion of SABIK to HAL status for the plot is currently under progress. - The RDC court is scheduled on 06-06-2025 but the date has been cancelled on account of National Holiday being declared by Central Government. - ROB construction and road construction will take another 6-8 months.	Till Feb., 2026

S. No	Nature of Job	Present Status (As on May'25)	Timeline for completion
		· Issue has been taken up for early resolution through PRAGATI Portal & State Govt. on 16.06.2025. Secretary Mines discussed with Chief Secretary Odisha.	
3.	Consent to Operate	· Application for CTO of Railway Siding will be applied in final stage of construction work. · Period of 3-4 month will be required for issue of 1st CTO by SPCB	Till June, 2026
4.	Unforeseen situation	· This project is green field project and various unforeseen issues and disturbances are arising during the actual construction period. · So additional time of six months is considered as buffer period for any unexpected issues in future.	Till Dec., 2026

10. Present and future mode of transportation:

A. Transportation till commissioning of Kerjanga Railway siding (expected by December 2026):

Present means of transportation: Till commissioning of Kejerenga railway Siding, transportation of coal from mine to Captive Power Plant is being done through road over a distance of 40 km [2 km within the lease area (In pit to ML boundary) + 38 km outside the ML Area (Approach Road to SH-63, SH-63 & NH-55)].

It is pertinent to mention that 2.5 km of the forest road is an already existing road of Angul forest division and the same is being used with the permission obtained from the Divisional Forest Officer, Angul Division vide letter no 4989 dated 21.06.2017.

B. Transportation after commissioning of Kerjanga Railway siding:

After commissioning of Kejerenga railway siding: Transportation of coal from mine to Captive power plant will be done by road (21 km) which will reduce distance of another 19 km on SH -63 & NH-55. Kejerenga Railway siding is not on the route of SH-63. It will be in Western direction from SH-63 over a distance of ~4 km. Thus, total distance from Mine pit to Kejerenga railway siding will be 25 km [21 km (Approach Road to SH-63 & SH-63) + 4 km (SH-63 to Kejerenga Railway Siding)]

C. Future Plan after commissioning of Inner Corridor Phase – II of MCRL:

Transportation of coal from mine to coal handling plant (1.4 km from mine) at proposed Railway Siding platforms planned for Utkal group of blocks through conveyors and then Nalco Captive Power plant by railway (Inner rail corridor being developed by MCRL)

11. Traffic Assessment Study Report:

Details of the road:

Out of total distance of 40 km, 2 km will be covered inside mining lease area and 38 km will be covered outside the mining lease area

S. No.	Road Name	Distance (in km)	Width (m)	Shoulders (m)	Type of Road
1.	Approach Road	5.0	4.0	0.5*2=1.0	Bituminous top
2.	Angul - Deogarh Highway (SH - 63)	21.0	8.0	1.5*2=3.0	State Highway - Bituminous top
3.	Kusupanga - Paranga Road (NH - 55)	12.0	10.0	1.0*2=2.0	National Highway - Bituminous top

Road	V (Volume in PCU/hr.)	C (Capacity in PCU/hr.)	Existing V/C Ratio	LOS
Approach Road	93	2400	0.038	A
Angul - Deogarh Highway (SH - 63)	354	1500	0.23	B
Kusupanga - Paranga Road (NH - 55)	551	1500	0.36	B

55)				
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Existing Coal transportation from mine to CPP:

- Annual Coal production capacity = 4.0 MTPA
- Working days = 330
- Coal production per day = 12122 Tonnes per day
- Capacity of Tippers = 60 Tonnes
- No. of Trips /day = 12122/60 = 202
- No. of Trips per hour = 202/12 = 17 (Consider transportation from 10:00 PM to 6:00 AM)

There will be no additional traffic on SH-63 & NH-55, as this is an existing mine and transportation is being done already from the mine to Captive Power Plant. Present proposal is for amendment only. No increase in traffic load due to the project.

Details of ambient air quality in the transportation route:

Sampling Location	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
Raijharan Village	73.1	48.2	5.6	15.1
Kankara Village (Near Monnet Power Plant)	86.8	51.5	19.4	31.2
Angul Town	90.3	51.5	20.8	31.3

Details of noise levels sampling:

SAMPLING LOCATIONS	DAY TIME [dB(A)] (6:00 AM TO 10:00 PM)	NIGHT TIME [dB(A)] (10:00 PM TO 6:00 AM)
Raijharan Village	53.7	40.3
Kankara Village (Near Monnet Power Plant)	57.8	50.2
Angul Town	62.6	49.9

Protection measures being and proposed to be undertaken:

- Vehicle with valid PUC are being/will be used for transportation.
- Tarpaulin covered trucks are being/will be used for transportation.
- Overloading of the material is being/will be avoided.
- Regular maintenance of HEMMs & transportation vehicles.
- Vehicular emission is being/ will be kept under control.
- Regular monitoring of the emission levels.
- Regular water spraying on the haul roads to suppress the fugitive dust emissions.
- Personal protective equipment is being/will be provided to all workers.
- Training is being/will be given to all drivers about safe and responsible driving.
- GPS tracking system in all the vehicle to monitor the vehicle speed
- Avenue plantation is already being/will be done and same will be continue in future also.

12. Details of pending Legal Issues/ Violation: PP reported that there is no legal issue/ violation w.r.t i) Environment (Protection) Act, ii) Air (P&CP) Act, Water (P&CP), Act, Van (Sanrakshan Evam Samvardhan) Adhiniyam, Wildlife Protection Act, MMDR Act, Factories Act. Further, there is no court case on the project.

13. Written Submissions: PP submitted the following details and information during the meeting:

Point No. 1	Details of Forest clearances for Forest Land involved need to be submitted		
Reply	Total Mine Lease area is 824.316 ha. Out of which 157.8903 ha is Government Land, 353.7275 ha is Private Land and 312.6979 ha is Forest Land. Details of Forest Clearances for 312.697 ha is given in the table below:		
	S. No.	Forest Clearance Details	Proposal No. & Date
	A.	Stage - I Forest Clearance for 13 ha of Forest Land	FP/OR/MIN/QRY/456337/2023 dated

Point No. 1	Details of Forest clearances for Forest Land involved need to be submitted				
		granted by MoEFCC (Forest Conservation Division)	20.08.2024 (letter submitted)		
	B.	Stage - I Forest Clearance for 299.697 ha of Forest Land granted by MoEFCC (Forest Conservation Division)	FP/OR/REDIV/456767/2023 dated 18.12.2024 (letter submitted)		
	C.	Stage - II Forest Clearance for 13 ha of Forest Land granted by MoEFCC (Forest Conservation Division)	FP/OR/MIN/QRY/456337/2023 dated 25.02.2025 (letter submitted)		
	D.	Stage - II Forest Clearance for 299.697 ha of Forest Land granted by MoEFCC (Forest Conservation Division)	FP/OR/REDIV/456767/2023 dated 27.02.2025 (letter submitted))		
Point No. 2	Details of Greenbelt/Plantation within the ML area (done /to be done) along the roadside of Transportation Route need to be submitted				
Reply	- At present 9297 no of trees has been planted over an area of 3.0 ha area (safety zone, residential area & road side) - At Conceptual Stage, Greenbelt/Plantation will be covered over an area of 63.968 ha (Greenbelt: 8.670 ha, Safety Zone: 41.962 ha, Settling Pond 1.00 ha, Rationalization Area: 11.656 ha, Garland Drains: 0.680 ha). - In addition to this, an area of 305.990 ha of waste dump and 6.708 ha safety zone to be covered with plantation which will be developed as forest land. - Budget: Rs 14.29 crore has been earmarked for greenbelt and plantation (Rs 12 Crore under EMP and Rs. 2.29 crore undermine closure plan) - Plant Species: Neem, Shisham, Arjun, Karanja, Sisso, Mango, Jamun, Panasha, Ghambhari, Ashok, Deodar etc. - In addition to this, 20000 no of saplings will be planted along the approach road with an amount of Rs. 60 Lakh in consultation with concerned Department.				
Point No. 3	Proof of exclusion of 2.33 ha Durgapur Forest area need to be submitted.				
Reply	2.33 ha of Durgapur reserved forest has already been excluded from the mining lease area and same will not be used for coal evacuation. Chronology with supporting for surrender of 2.33 ha of Durgapur Reserved Forest is given below: - Company decided to exclude the 2.33 hectares of Durgapur Reserve Forest land from the proposal. Letter was submitted to APPCF on 28.07.2014 for exclude this 2.33 ha of forest land. Copy of submitted. - Confirmation for the reduction for the ML area from 526.06 ha to 523.73 ha after reduction of 2.33 ha of Durgapur Reserved Forest was received from Ministry of Coal vide letter No 103/34/2015/NA dated 15.01.2021. Copy of same is submitted.				
Point No. 4	Chronology of work done for construction of Railway Siding should be provided				
Reply	- Initially work awarded to RITES for construction work of Railway siding on 31.03.2021 for 16 months w.e.f 01.04.2021 (till 31.07.2022) 1st provisional time extension up to 30.12.2023 were given to Rites vide letter No NALCO/Coal Mines Division/405/2023 dated 28.08.2023. 2nd provisional time extension up to 31.03.2025 were given to Rites vide letter No NALCO/Coal Mines Division/138/2024 dated 23.02.2024. 3rd provisional time extension up to 30.11.2025 were given to Rites vide letter No NALCO/Coal Mines Division/138/2024 dated 28.03.2025. Copy of letter for awarding of work and extension to RITES time to time is submitted.				
Point No. 6	Plan for Implementing renewable energy inside mining lease area need to be submitted				
Reply	Company will explore possibility to install solar lightning of 2.0 MW in haul roads, workshop area, settling pond, site office, laboratories, residential area, shopping complex area, school, hospital, administrative buildings etc.				
Point No. 7	Details of waste generation till conceptual period along with management plan need to be submitted				
Reply	Waste generation and its management is given the table below:				
	Year/Stage	OB Removal	External Dump	Internal Back	Embankment

Point No. 1	Details of Forest clearances for Forest Land involved need to be submitted										
			(Cumulative) (Million cum)			(Cumulative) (Million cum)		filling (Cumulative) (Million cum)		(Cumulative) (Million cum)	
	(Life of mine plus post closure period)		Top Soil	OB	Total	Top Soil	OB	Top Soil	OB	Top Soil	OB
	Up to Base Year	2023	0.146	0.694	0.840	0.0	0.694	0.0	0.0	0.0	0.0
	Y-1	2023-24	0.220	5.37	5.59	0.0	5.22	0.0	0.0	0.0	0.15
	Y-3	2025-26	0.445	28.645	29.090	0.146	27.696	0.0	0.799	0.0	0.15
	Y-5	2027-28	0.736	53.994	54.730	0.377	51.948	0.0	1.817	0.0	0.230
	Y-10	2032-33	1.157	101.573	102.73	0.836	89.017	0.0	12.32	0.0	0.230
	Y-15	2037-38	1.334	149.396	150.73	1.204	106.530	0.0	42.63	0.0	0.23
	Y-20	2042-43	1.511	195.200	196.711	1.572	124.043	0.0	70.92	0.0	0.23
	Y-25	2047-48	1.688	237.973	239.661	1.957	133.522	0.0	104.221	0.00	0.23
	Y-30	2052-53	1.864	280.746	282.610	2.343	143.00	0.110	137.516	0.00	0.23
	Y-35	2057-58	2.041	323.519	325.56	2.459	143.00	0.226	180.289	0.0	0.23
	Y-40	2062-63	2.286	366.224	368.510	2.691	143.00	0.342	222.994	0.0	0.23
	Y-44	2066-67	2.286	382.824	385.110	2.807	143.00	0.446	239.594	0.0	0.23
	Post Closure										
Y-49	2071-72	2.286	382.824	385.110	2.807	27.226	1.315	355.397	0.0	0.23	
Source: Approved mining Plan along with Mine Closure Plan											

Observations and deliberation of the Committee:

14. The EAC noted the following:

i. MoEF&CC had granted amalgamated EC vide letter dated 07.12.2024 to M/s National Aluminium Company Limited (NALCO), by amalgamating Utkal D Block and Utkal E Block (area: 824.316 Ha having production capacity of 4 MTPA, located at villages: Nandichhod (Gopiballavpur), Gopinathpur Jungle, Kosala, Kundajhari Jungle, Korada, Raijharan, Similisahi, Tehsil: Chhendipada District: Angul, State: Odisha.

ii. The above project is under implementation presently.

iii. The instant proposal is submitted for seeking amendment in specific condition no. 1.6 of EC letter dated 07.12.2024, wherein it was stipulated that "Project proponent shall ensure that operationalization of Kerjanga Railway Siding by July, 2025 to reduce the coal transportation by road (19 km distance)". Now the extension in timeline has been sought by the PP for operationalization of Kerjanga Railway Siding till December 2026.

iv. Committee sought justification in this regard, as the EC has been granted on 07.12.2024, where PP himself committed to commission the Kerjanga Railway Siding by July 2025. During deliberation the Committee observed that, due to delay in acquisition of certain patch of land, the work has been delayed.

v. Committee deliberated on the condition of the road, through which transportation of coal is being done and further proposed till December 2026 and observed that, coal is being transported upto 40 km through road, out of which 2 km falls within the ML area remaining 38 km includes, approach road of 5 km, 21 km of State Highway and 12 km of National Highway.

vi. Committee deliberated on the air quality parameters of the transportation road and observed that, all the parameters are within the permissible limits. However, AAQ parameters at Angul town (falling on the coal transportation route), are on the higher side of the permissible limit. EAC opined that PP shall take adequate measures to bring down the AAQ

parameters in the said area. Committee opined that, road side plantation with native species shall be done on the entire transportation route with the consent of highway authorities. Along with that, PP shall also carryout community plantation in Angul town with the fruit bearing species. Continuous dust suppression shall be done on the coal transportation road.

vii. Committee sought the details of the plantation already done and further proposed and observed that, total plantation to be carried out at conceptual stage will be over an area of 63.968 Ha, out of which the plantation has already been done over an area of 3 Ha (including safety zone, residential area & road side). In addition to this, an area of 305.990 ha of waste dump and 6.708 ha safety zone to be covered with plantation which will be developed as forest land. Committee opined that the plantation to be done on the transportation road and the nearby villages shall be completed within 1 year from the grant of EC amendment.

viii. Committee further deliberated on the carbon sequestration activities proposed by the PP in order to mitigate the carbon emission being done due to the mining activities. PP submitted that along with the plantation activities, company will explore the possibility to install solar lightning of 2.0 MW in haul roads, workshop area, settling pond, site office, laboratories, residential area, shopping complex area, school, hospital, administrative buildings etc.

ix. Committee also deliberated on the 2.33 Ha of forestland which was to be surrendered by the PP as per EC dated 07.12.2024. PP submitted the letter they have submitted for to APCCF on 28.07.2014 for excluding the 2.33 Ha of forestland from the ML area. PP also submitted confirmation for the reduction for the ML area from 526.06 ha to 523.73 ha after reduction of 2.33 ha of Durgapur Reserved Forest received from Ministry of Coal vide letter No 103/34/2015/NA dated 15.01.2021.

x. Committee further deliberated on the protection measures being undertaken by the PP during coal transportation of coal and observed that, PP is complying with all the protection measures as previously stipulated. Committee opined that PP shall continue with the same and shall increase the protection measures as and when required.

Recommendations of the Committee:

15. After deliberations, the Committee **recommended** the proposal for amendment in amalgamated EC granted vide file no. J-11015-31-2007-IA-II-M, dated 07.12.2024, as detailed below subject to stipulation of additional specific conditions (**Annexure-I**). Other terms and conditions prescribed in EC dated 07.12.2024 shall remain unchanged:

Condition No. as per EC dated 07.12.2024	Description as per approved EC	Amendment sought in EC	Recommendation of EAC
Specific Condition No. 1.6	Project proponent shall ensure that operationalization of Kerjanga Railway Siding by July, 2025 to reduce the coal transportation by road (19 km distance)	Project proponent shall ensure that operationalization of Kerjanga Railway Siding by December 2026 to reduce the coal transportation by road (19 km distance)	Agreed With regard to the changes in specific condition no. 1.6, Committee is of the opinion to amend specific condition no. 1.6 as follows: <i>“Project proponent shall ensure that operationalization of Kerjanga Railway Siding by December 2026 to reduce the coal transportation by road (19 km distance).”</i>

Decision of MoEF&CC:

16. The undersigned is directed to inform that Ministry of Environment, Forest and Climate Change has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Coal) hereby decided for grant of amendment in the EC dated 07.12.2024 as mentioned in table of above **Para 15**, under the provisions of Environmental Impact Assessment Notification, 2006 and its amendments subject to stipulation of additional specific conditions (**Annexure-I**).

17. All other terms and conditions prescribed in EC letter dated 07.12.2024 shall remain unchanged.

18. The project proponent shall obtain fresh Environment Clearance in case of change in scope of the project, if any.

19. This issues with the approval of the Competent Authority.

Yours faithfully,
(Sundar Ramanathan)
Scientist 'F'
Tel: 011- 20819378
Email- r.sundar@nic.in

Copy To

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi.
2. The Deputy Director General of Forests, Regional office (EZ), Ministry of Environment & Forests, A-31, Chandrasekharpur, Bhubaneswar- 751023 (Odisha).
3. The Secretary, Department of Environment & Forests, Government of Orissa, Secretariat, Bhubaneswar (Odisha).
4. The Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
5. The Chairman, Orissa State Pollution Control Board, Parivesh Bhawan, A/118, Nilkanthanagar, Unit VIII, Bhubaneswar - 751012 (Odisha).
6. District Collector, Angul, Government of Odisha.
7. PARIVESH Portal

Annexure 1

Specific EC Conditions for (Mining Of Minerals)

1. Additional Specific Conditions

S. No	EC Conditions
1.1	Project proponent shall carryout the plantation with the saplings of native species of not less than 2 meter height, on both the sides of the coal transportation route in consent with the highway authorities (wherever required). Along with this, PP shall also carry out the community plantation within the Angul town with fruit bearing species and ensure the survival of the same. This plantation shall be carried out in Monsoon 2025 itself and compliance of the same shall be submitted to the Ministry's RO along with the six – monthly compliance report.
1.2	Project proponent shall carryout regular maintenance of the potholes on roads, repair and maintenance of roads, scrapping of material fallen on roads, and removal of scraps from mining areas. Along with this, PP shall make sure that all the pollution control equipments are in good working condition and maintenance of those equipments is regularly carried out.
1.3	Project proponent shall explore the possibility to install solar power panels of atleast 2.0 MW to illuminate haul roads, workshop area, settling pond, site office, laboratories, residential area, shopping complex area, school, hospital, administrative buildings etc. and the same shall be implemented within 1 year from the date of grant of EC amendment.
1.4	Ambient Air Quality (AAQ) and Noise quality data along the entire coal transportation route shall be monitored and the data shall be submitted along with the six monthly compliance to the concerned Regional Office and also kept on the web portal of the company.

S. No	EC Conditions
1.5	All the recommendations made in the Traffic Assessment Study Report regarding coal transportation by road shall be strictly adhered with.

