

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES-OTHER THAN SMALL MINES

Criteria for Filing of Template

**Other Than Small Mines: All mines having lease area 25 ha or more
or
having ROM Production 50,000 T or more**

- Information pertaining to “Part-I: General Information” shall be auto-fetched from the details given in the Mining Plan/ Form-K, wherever applicable.
- Kml file from Mining Plan to be automatically fetched/ shown.
- Kml file for the RY (updated plans/ sections as per Rule 33 of MCDR 2017) to be uploaded.

REPORTING YEAR(RY): 2024 - 2025

ASSESSMENT YEAR(AY): 2025 - 2026

Part 1 : General Information

1.1 : Lease Details

Name of Mining Lease :	PANCHPATMALI SOUTH BLOCK 189 POINT 552 HA
Name of the Lessee : Phone of the Lessee : Email of the Lessee : Address of Lessee :	NATIONAL ALUMINIUM COMPANY LIMITED 9437095284 Gm_mines@nalcoindia.co.in NALCO BHAWAN P-1 NAYAPALLI BHUBANESWAR

State : District : Tehsil/ Taluk/ Mandal : Village :	Nil														
Mine Code (for ML):	07ORI09004														
IBM Registration Number (under rule 45 of MCDR, 1988):	IBM/116/2011														
Name of Minerals :	BAUXITE														
Total Lease Area (ha) : <ul style="list-style-type: none">(i) Forest Land (Ha)(ii) Private Land (ha)(iii) Revenue land (ha)(iv) Others, if any(Specify)	528.262 <ul style="list-style-type: none">189.55203.0600335.65000.0000														
Lease period (valid up to) :	2029-07-19														
Reserves (As per UNFC 111,121 & 122) as on End of the reporting year.(In million tonnes) :	68.298831														
Resources as on End of the reporting year. In million tonnes :	86.065847														
Method of Mining(Opencast/ Underground, Opencast & Underground) :	Opencast														
Category - A / B (as per Rule 55(2) of MCDR, 2017) :	A														
Captive/Non Captive :	Captive														
Name and contact details of all the members of Sustainable Development Unit (SDU) :															
<table><tr><th>SR.No</th><th>Name</th><th>Designation</th><th>Contact Number</th></tr><tr><td>1</td><td>Shri P Mohanta</td><td>GGM (Mines)</td><td>9437104164</td></tr><tr><td>2</td><td>Shri N K Jena</td><td>GGM (O&M)</td><td>9437966673</td></tr></table>				SR.No	Name	Designation	Contact Number	1	Shri P Mohanta	GGM (Mines)	9437104164	2	Shri N K Jena	GGM (O&M)	9437966673
SR.No	Name	Designation	Contact Number												
1	Shri P Mohanta	GGM (Mines)	9437104164												
2	Shri N K Jena	GGM (O&M)	9437966673												

3	Shri A Choudhury	GM (Mines)-CNB	9437035130
4	Shri R J Vinchurkar	GM (Mines)-SB	9437495139
5	Shri S K Mohapatra	GM (H&A)	7978174912
6	Shri M M Mishra	GM (Finance)	9437167616
7	Shri N S Sudhakar	GM (Electrical)	9437028234
8	Shri M R Panda	GM (Mechanical)-C&C	9437181172
9	Shri S C Mishra	GM (Mat)	9437124380
10	Shri R K Brahma	DGM (Mechanical)-HEMM	9437483270
11	Shri H K Bhagwani	DGM (Electrical)	9437960223
12	Shri D R Behera	DGM (System)	9437054733
13	Shri A Basu	DGM (Civil)	9437035207
14	Shri B C Mohanty	AGM (Mining)-CNB	9437201468
15	Shri R B Singh	AGM (Mining)-SB	9437577241
16	Shri A K Parida	AGM (Mining)-SB	9437091988
17	Shri M K Sahoo	AGM (Geology)	9438120989
18	Shri S R Pattnaik	SM (Geology)-Env	9438006907
19	Shri D K Sahu	SM (Mining)-Survey	9437113170

Production during reporting year(Tonnes) :

1190190.000000

Prominent surface feature of national importance,like monuments, place of worship, rivers, etc.

Nil

if any. :

1.2 Lease Area Utilisation

SR.NO.	Type Of Land Use(in ha)	Area put to use at the end of approved plan period	Area put to use at the beginning of RY	Area put to use during the RY	Cumulative area put to use at the end of RY	Remarks
1	Mining	35.4900	32.0500	3.4400	35.4900	Land use area utilisation 24-25-SB.pdf
2	Top Soil Preservation	0.6000	0.6000	0.0000	0.6000	
3	OB / waste dump	1.6800	1.6800	0.0000	1.6800	
4	Mineral Storage	0.9600	0.9600	0.0000	0.9600	
5	Infrastructure (Workshop,administrative building etc.)	62.2200	62.2200	0.0000	62.2200	
6	Roads	2.9200	2.9200	0.0000	2.9200	
7	Railways	0.0000	0.0000	0.0000	0.0000	
8	Tailing Pond	0.0000	0.0000	0.0000	0.0000	
9	Mineral Beneficiation plant	0.0000	0.0000	0.0000	0.0000	
10	Township	0.0000	0.0000	0.0000	0.0000	
11	Others	0.0000	0.0000	0.0000	0.0000	
12	Total area put to use	103.8700	100.4300	3.4400	103.8700	
13	Excavated area reclaimed	6.4500	4.3500	2.1000	6.4500	

14	Waste dump area reclaimed	0.0000	0.0000	0.0000	0.0000	
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1.3 Royalty & Other Contributions

SR.NO.	Details	Amount paid in RY in Rupees	Remarks
1	Royalty/Dead rent paid	354761598.0000	As per Annual return G1 G-1 IBM_SB_24-25.pdf
2	Contribution to DMF	106428479.0000	As per Annual return G1
3	Contribution to NMET	7095232.0000	As per Annual return G1
4	Amount Paid towards despatch sharing in Auction cases	0.0000	NIL
5	Total of other cess or taxes paid to Government,in addition to above	1635666.0000	Surface rent + User fee to DDM for mineral transit permit

1.4 Statutory Compliances

1.4.1. Environment Clearance, Order No. and validity :

Sr.No	Statutory Compliances	Letter No.	Date Approved	Validity	Annual Quantity Approved	Remarks
1	1.4.1. Environment Clearance, Order No. and validity :	J-11015/78/2010-IA.II(M)	2011-02-28	2029-07-19	3150000.0000 Ton	Attached EC copy EC_SB.pdf
2	1.4.2. SPCB Approvals : (i) Consent to Establish	12562/Ind-II-CTE- 6295	2019-11-22	2029-07-19	3150000.0000 Ton	Attached CTE copy CTE South block am

						ended.pdf
3	1.4.2. SPCB Approvals : (ii) Consent to Operate	4822/IND-I-CON-6387	2024-03-30	2026-03-31	3150000.0000 Ton	Attached CTO copy CTO South block 31 032026.pdf

1.4.3. Forest Clearance, Letter No. and details (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Area in hectares	Remarks
1	F.No.8-330/1983-FC (Pt-I)	2011-07-20	2029-07-19	110.3000	Attached the approval copy FC-11030 hectares.pdf
2	F.No.8-29/2015-FC	2018-04-19	2029-07-19	79.252	Attached the approval copy FC 79252 Ha.pdf

1.4.4. Wildlife Clearance (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Remarks
1				

1.4.5. Central Ground Water Authority No Objection Certificate (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Annual Quantity Approved	Remarks
1					

1.4.6. Land Acquisition details :

Total Area acquired/purchased so for	Total Ammount Paid
0.0000	0.0000

1.4.7. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace. : Implemented

Part 2 : Evaluation Template

Module I : Managing Impacts At The Mine Level

2.1.1 : Spending Towards SDF

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Constitution of SDU (Sustainable Development Unit) at Mine level - team of Mine management comprising of Technical, Financial, CSR, HRD, Environment heads for ensuring implementation of SDF principles.	Constituted	3	3	Constituted OO_SDU_CN B_SB_2005202 5.pdf

<p>* Total expenditure incurred for implementation of SDF at mine level including</p> <p>1.Environment Protection, 2.Welfare activities in and around peripheral area including CSR</p> <p>Explanation: Expenditure is not over and above the statutory levies imposed by the Government, However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .is over and above the statutory levies imposed by the Government. (Note:</p> <p>1.“Environment Protection” includes all activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc. 2:“Welfare activities in and around peripheral area including CSR” shall include all activities undertaken under Sustainable Mining of Mining Plan)</p> <p>* Committed Expenditure for “Welfare activities in and around peripheral area including CSR” shall be kept as Rs 10 per Ton (For Minerals having Rate of Royalty on Ad Valorem Basis) or Rs 5 per T (For minerals having Fixed rate of Royalty) total dispatches subject to a minimum of Rs 1 Lakh for small mines and 5 Lakh for other than small mines, or CSR as per Section 135 of the Companies Act, whichever is higher. Environment Protection Cost shall be the proposed/actual costs spent towards activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc.Total SDF expenditure shall be a sum of both attributes defined above.</p>	<table><tr><td>Committed Expenditure (a)</td><td>Total Expenditure for SDF implementation (b)</td></tr><tr><td>832.5710</td><td>848.8406</td></tr></table>	Committed Expenditure (a)	Total Expenditure for SDF implementation (b)	832.5710	848.8406	5	5	Calculation is attached SDF- Commitment Vs Actual Expenses SB 2024-25.pdf
Committed Expenditure (a)	Total Expenditure for SDF implementation (b)							
832.5710	848.8406							

CSR (Corporate Social Responsibility) spending at the mine level in Reporting Year (as per Companies Act, 2013 or otherwise)	Committed (in Lakhs)	Utilised (in Lakhs)	3	6	Calculation is attached CSR Commitment SB 2024-25.pdf
	37.0238	713.5520			
Reporting of CSR on National CSR Portal https://www.csr.gov.in	Reported		2	2	Reported in NALCO's website

2.1.2 : Exploration Activity

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks									
<p>Exploration carried out (as per approved Mining Plan/ Review/ Modification in the Approved Mining Plan for the Reporting Year)</p> <p>Note: “Boreholes and Meterage” to be filled by the leaseholder under this item may be cumulative till the reporting year (in the current Mining Plan proposal period) as there are cases where the proposals are achieved at an early stage. Additional options for Pitting/ Trenching may be provided. Actual exploration shall be primarily measured on the basis of meterage, then secondary consideration shall be total number of boreholes/ Pit/ Trenches, however, Pit/ Trenches shall be considered only for the Small Mines having Surficial Deposits like Bauxite/ Floats etc.</p>	<p>Has the entire potential mineralised area been explored 100% :</p> <table><tr><td></td><td>Proposed</td><td>Achieved</td></tr><tr><td>Boreholes:</td><td>54.0000</td><td>54.0000</td></tr><tr><td>Meterage:</td><td>1080.0000</td><td>1259.1100</td></tr></table>		Proposed	Achieved	Boreholes:	54.0000	54.0000	Meterage:	1080.0000	1259.1100	10	11	Achieved and figured in Annual Return
	Proposed	Achieved											
Boreholes:	54.0000	54.0000											
Meterage:	1080.0000	1259.1100											
G Axis area status as on the beginning of RY	<table><tr><td>Area under G1: 306.5390</td><td rowspan="3">% age of potential mineralized area explored at G1 level</td></tr><tr><td>Area under G2: 0.0000</td></tr><tr><td>Area under G3: 0.0000</td></tr></table> <table><tr><td>100.0000</td></tr></table>	Area under G1: 306.5390	% age of potential mineralized area explored at G1 level	Area under G2: 0.0000	Area under G3: 0.0000	100.0000	0	0					
Area under G1: 306.5390	% age of potential mineralized area explored at G1 level												
Area under G2: 0.0000													
Area under G3: 0.0000													
100.0000													

G Axis area status as on the end of RY	<div> <div>Area under G4: 0.0000</div> <div>Non Mineralised Area: 12.8770</div> <div>Total potential mineralised area : 306.5390</div> </div> <div> <div>Area under G1: 306.5390</div> <div>Area under G2: 0.0000</div> <div>Area under G3: 0.0000</div> <div>Area under G4: 0.0000</div> <div>Non Mineralised Area: 12.8770</div> <div>Total potential mineralised area : 306.5390</div> </div>	5	5	
Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation	Yes	5	5	Use of SURPAC & AUTOCAD software for resource estimation and mine planning

2.1.3 : Mining Operation : Opencast

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
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Production of mineral in tonnes mineral wise (Run of Mine)	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>1767782.2600</td><td>1190190.0000</td></tr></table>				Proposed	Actual	1767782.2600	1190190.0000	5	3	As per the internal requirement of Alumina Refinery, the production proposal for South Block is achieved.																																				
Proposed	Actual																																														
1767782.2600	1190190.0000																																														
Removal of waste/ over burden in cubic meters	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>192723.1400</td><td>75125.0000</td></tr></table>				Proposed	Actual	192723.1400	75125.0000	5	2																																					
Proposed	Actual																																														
192723.1400	75125.0000																																														
Bench Height	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>8.0000</td><td>8.0000</td></tr></table>				Proposed	Actual	8.0000	8.0000	3	3																																					
Proposed	Actual																																														
8.0000	8.0000																																														
Bench Width	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>75.0000</td><td>75.0000</td></tr></table>				Proposed	Actual	75.0000	75.0000	3	3																																					
Proposed	Actual																																														
75.0000	75.0000																																														
Excavation	As per proposal				3	3	Nalco_South_2 4-25.kmz																																								
<table><tr><td colspan="8">Lateral Extent</td><td colspan="2">Vertical Extent (in MRL)</td></tr><tr><td colspan="4">Proposed</td><td colspan="4">Actual</td><td rowspan="2">Proposed</td><td rowspan="2">Actual</td></tr><tr><td colspan="2">E/W</td><td colspan="2">N/s</td><td colspan="2">E/W</td><td colspan="2">N/s</td></tr><tr><td>709010.0000</td><td>709417.0000</td><td>2080605.0000</td><td>2080956.0000</td><td>709126.7400</td><td>709505.1100</td><td>2080636.5600</td><td>2081062.0800</td><td>1310.0000</td><td>1310.0000</td></tr></table>										Lateral Extent								Vertical Extent (in MRL)		Proposed				Actual				Proposed	Actual	E/W		N/s		E/W		N/s		709010.0000	709417.0000	2080605.0000	2080956.0000	709126.7400	709505.1100	2080636.5600	2081062.0800	1310.0000	1310.0000
Lateral Extent								Vertical Extent (in MRL)																																							
Proposed				Actual				Proposed	Actual																																						
E/W		N/s		E/W		N/s																																									
709010.0000	709417.0000	2080605.0000	2080956.0000	709126.7400	709505.1100	2080636.5600	2081062.0800	1310.0000	1310.0000																																						

2.1.5 : Zero Waste Mining

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks																														
Alternative use / Disposal as a percentage of total waste generation (excluding top soil) (Note: For underground mines, waste filled underground may be considered under “Alternative use”. Further, permission granted under Rule 12(1)(k) of MCR 2016 may also be allowed to be included under this item.) Not Applicable if mine has permission for caving	Disposal as minor mineral:	0	0																															
Waste dumping (Locational aspects may be verified from KML files) Not Applicable if mine has permission for caving		0	0																															
<table><tr><th colspan="4">Proposal</th><th colspan="4">Actual</th></tr><tr><th colspan="3">Lateral</th><th rowspan="2">Vertical</th><th colspan="3">Lateral</th><th rowspan="2">Vertical</th></tr><tr><th colspan="2">E/W</th><th>N/S</th><th colspan="2">E/W</th><th>N/S</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					Proposal				Actual				Lateral			Vertical	Lateral			Vertical	E/W		N/S	E/W		N/S								
Proposal				Actual																														
Lateral			Vertical	Lateral			Vertical																											
E/W		N/S		E/W		N/S																												

2.1.6 : Mineral Conservation

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Beneficiation practices for ROM/mineral reject / subgrade		0	0	

Not Applicable																																																
Blending of mineral reject / sub-grade Not Applicable				<table><tr><td>Quantity blended</td><td colspan="3">Total mineral reject</td></tr><tr><td></td><td colspan="3"></td></tr></table>				Quantity blended	Total mineral reject							0		0																														
				Quantity blended	Total mineral reject																																											
Separate stacking of mineral rejects/ subgrade mineral in earmarked area Not Applicable								0		0																																						
<table><tr><td colspan="6">Proposed</td><td colspan="6">Actual</td></tr><tr><td>#</td><td colspan="3">E/W</td><td colspan="2">N/s</td><td>Quantity</td><td colspan="3">E/W</td><td colspan="2">N/s</td><td>Quantity</td></tr><tr><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>												Proposed						Actual						#	E/W			N/s		Quantity	E/W			N/s		Quantity	1	0	0	0	0	0	0	0	0	0	0	0
Proposed						Actual																																										
#	E/W			N/s		Quantity	E/W			N/s		Quantity																																				
1	0	0	0	0	0	0	0	0	0	0	0																																					

2.1.7 : Environment Compliances

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks				
Topsoil utilisation/stacking Not Applicable	Not Done		0	0					
Construction or maintenance of check dams Not Applicable	<table><tr><td>Proposed</td><td>Achievement(%)</td></tr><tr><td>0.0000</td><td>0.0000</td></tr></table>		Proposed	Achievement(%)	0.0000	0.0000	0	0	
Proposed	Achievement(%)								
0.0000	0.0000								
Construction or maintenance of garland drains	Proposed (in meters)	Achieved (in meteres)	1	1					

	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>619.0000</td><td>620.0000</td></tr></table>	Proposed	Actual	619.0000	620.0000							
Proposed	Actual											
619.0000	620.0000											
Construction or maintenance of retaining walls Not Applicable	<table><tr><td>Proposed</td><td>Achievement(%)</td></tr><tr><td>0.0000</td><td>0.0000</td></tr></table>	Proposed	Achievement(%)	0.0000	0.0000	0	0					
Proposed	Achievement(%)											
0.0000	0.0000											
Tailings disposal (applicable if beneficiation facility exists) Not Applicable	Conventional disposal methods	0	0									
Tailings Utilization (%age) Not Applicable	No Utilization	0	0									
Dust suppression measures undertaken in mining operation	<table><tr><td>Water sprinkling on haulage road</td><td>Wet drilling/Dust collector</td><td>Water mist spray at crusher</td><td>Covering of inactive dumps by geotextiles/plantation etc.</td></tr><tr><td>Yes</td><td>Yes</td><td>Yes</td><td>Yes</td></tr></table>	Water sprinkling on haulage road	Wet drilling/Dust collector	Water mist spray at crusher	Covering of inactive dumps by geotextiles/plantation etc.	Yes	Yes	Yes	Yes	4	4	
Water sprinkling on haulage road	Wet drilling/Dust collector	Water mist spray at crusher	Covering of inactive dumps by geotextiles/plantation etc.									
Yes	Yes	Yes	Yes									
Disposal of used oil, lubricants through authorized vendors.	Yes	1	1	Disposal of used oil.pdf								

2.1.8 : Ground Water Monitoring

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks

Central Ground Water Authority NOC obtained Not Applicable	Whether CGWA NOC obtained as per the Guidelines or not for abstraction of groundwater	0	0	
Monitoring of Ground water as per CGWA NOC	Monitoring mechanism	1	1	Attached Monitoring of Ground water Mechanism and result.pdf
Ground Water Quality status (with reference to CGWA/ CGWB/ CPCB parameters)	Details about the GW Quality assessment Within permissible limits	2	2	With in limit Ground water monitoring 31 st March 2025 .pdf

2.1.9 : Water Usage

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Use of mine Water consumption pattern, if applicable Not Applicable	Usage of mine water by proper treatment and use for: Discharge without treatment	0	0	
Quantity of recycled water as a % of total water drawl from external sources such as bore wells, rivers or piped water, if applicable	Quantity of recycled water / Quantity of water drawn from external sources 56700000.0000 Litre 108591840.0000 Litre	5	5	Water consumption 2024-25 SB.pdf

Innovative approach to save and conserve water in the process (Reduction of pumping with use of technology for mining and water management to minimize and mitigate the adverse impact on ground water, based on local conditions)	Zero leakage/ water loss in water pipelines, storage tanks and water use processes Yes	2	2	Float valves are installed to avoid the overflow. Controlled pumping is being done. Regular inspection of pipeline is being carried out. Salient points on Water conservation.pdf
	Drip irrigation or other conservation techniques Yes	2	2	Salient points on Water conservation.pdf

2.1.10 : Environmental Monitoring

Environmental Monitoring Standards	Core Zone	Buffer Zone	Applicable Max Points	Points scored	Remarks
a)Ambient Air Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Environmental parameter in core zone and buffer zone are measured monthly and found with in the limit Ambient Air Quality 31st March 2025.pdf
	PM10,2.5	PM10,2.5			

b) Surface Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Environmental parameter in core zone and buffer zone are measured monthly and found with in the limit Surface water monitoring 31st March 2025 .pdf
	PH,DO,TDS,TH,SS	PH,DO,TDS,TH,SS			
c) Ground Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Environmental parameter in core zone and buffer zone are measured quarterly and found with in the limit Ground water monitoring 31st March 2025 .pdf
	PH	PH			
d) Noise Level Standards laid down by DGMS	Within Limit	Within Limit	3	3	Environmental parameter in core zone and buffer zone are measured monthly and found with in the limit Noise level monitoring 31st March 2025.pdf
	Day time:75 and Night Time:70	Day time:75 and Night Time:70			

e) Ground Vibration Standards laid down by DGMS	Within Limit	Within Limit	3	3	Attached the study report Ground vibration standard Scientific Study report by NIT RKL.pdf
	10mm/Sec	10mm/Sec			

2.1.11 : Green Energy Sourcing & Climate Change Initiatives

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Total Energy requirement in KWH Sourced from Green /renewable sources	328139.0000 8313.0000	4	0	
Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	Yes	1	1	Implemented Energy audit report and its compliance.pdf
Use of sensors and low energy consumption devices	Yes	2	2	Sensors and low energy consumption devices are being used.
Innovation in energy saving				

Conservation of Fuel	Yes	2	2	Reduced diesel consumption by using fuel additive. Also maintaining the haulage road in good condition through out the year.
Conservation through other technical intervention. Please list.	Yes	2	2	Installation of level monitoring devices on over head water storage tanks for proper interface with pumping system to prevent over flow of water.

2.1.12 : Compliance Status

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Violations pointed out by IBM	Total no. of violations pointed out	Violations complied with	8	6	IBM_Violation Compliance.p df
	2.0000	2.0000			
Note: Proposal and achivement coloumns are with respect to the reporting year.					

Summary of Points obtained in Module-I	Module-I Applicable Maximum Points(1)	Module-I Points Scored(i)
Only Opencast	19	14

Final Submitted

Module II : Final/ Progressive Mine Closure & Landscape Restoration

2.2.1 : Particulars

Particulars	Details (To be filled up by Lessee)			Applicable Max Points	Points scored	Remarks
1) Backfilling as per approved Mining Plan Backfilling Area (Ha.)	Proposed	Actual	Percentage (%)	3	3	Figure in Ha
	3.2300	3.3000	102.1672			
2) Water Reservoir, ground water recharge, and pisciculture, if applicable Area under water reservoir	Proposed	Actual	Percentage (%)	5	5	Figure in Ha
	0.1000	0.5000	500.0000			
2(a) Efforts towards Rainwater (RW) Harvesting, Groundwater (GW) Recharging and artificial recharge measures for groundwater recharge Details	GW Proposed	GW Actual	Reason	3	3	
	0.0100	1.0000	Rain Water harvesting with GW recharging			
	Harvesting Proposed	Harvesting Actual				
	0.0100	1.0000				
Plantation over backfilled area	Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)	3	3	Figure in sqm
	20600.0000	21000.0000	101.9417			

Plantation over dump area Not Applicable	0.0000	0.0000	0.0000	0	0	
Plantation over virgin area(Green belt development)	5150.0000	27546.0000	534.8738	3	4	Total plantation inside lease area
Agroforestory Area	Yes			2	2	5500 no of fruits bearing saplings are distributed among the periphery villagers for agro-forestry development.
3 (a) Efforts for faster restoration Details * (Soil- moisture conservation, fencing of area, drip irrigation, etc.)	Yes			2	2	A Miyawaki garden of 0.50 Acre is developed inside the lease area for faster restoration. Another 0.50 Ha area is under progress for Miyawaki plantation in side the lease. _Effort_for_fast er_restoration _Miyawaki_Pla ntation.pdf

3 (b) Treatment of problematic soils, if applicable Details * (Treatment with soil amendments, manuring, bio fertilizers etc.)	Yes		2	2					
4) Creation of Eco tourism/ recreational facility if applicable Area reshaped by pitching & recontouring	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>5.0000</td><td>6.0000</td></tr></table>		Proposed	Actual	5.0000	6.0000	2	2	"I LOVE PAN CHPATMALI" structure is developed for eco-tourism. Bird_eye_view _of_reclamatio n_&_rehabilitat ion_area.pdf
Proposed	Actual								
5.0000	6.0000								
5) Dump area stabilisation and development, if applicable Area covered by Geo textiles or similar techniques in Ha Not Applicable	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>0.0000</td><td>0.0000</td></tr></table>		Proposed	Actual	0.0000	0.0000	0	0	
Proposed	Actual								
0.0000	0.0000								
Summary of Points obtained in Module-II			Module-I Applicable Maximum Points(3)		Module-I Points Scored(iii)				
			25		26				

Module III : Addressing Social Impacts Of R&R Requirements, Community Engagement & Welfare Programmes

2.3.1 : Rehabilitation & Resettlement for Project Affected People

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
No. of Project Affected People (PAP) as per approved EIA-EMP / SIA-SMP/ R&R , if applicable	0.0000			
% of PAP for whom alternate arrangements made for sustained livelihood (Indirect employment/Created source of income other than direct employment) Not Applicable	0.0000	3	0	
% of project affected families given employment (Direct Employment) Not Applicable	0.0000	0	0	
% of project affected families who have been skilled by the lessee and absorbed (% of total employment given to affected families by imparting training for becoming electrician, mechanic, tailoring) Not Applicable	0.0000	0	0	
*PAP - Indicates the persons who have been displaced due to land aquisition for mining lease.				

2.3.2 : Grievance Redressal

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks

Whether a public grievance redressal mechanism is in place	Yes	1	1	Grievance Handling Committee2024-25.pdf
Name, Address and Phone no./Email of Committee Members responsible displayed publicly	Yes	1	1	Grievance Redressal Committee2024-25.pdf

2.3.3 Stakeholder Participation

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Participation of stakeholders, host communities and community groups in various activities of the companies such as Environment Management, CSR activities and Capacity expansion plans	Yes	3	3	Safety week, MEMC week, World Environment day, SGAT programme, Van Mahostav programme have been conducted every year in our Mines for environmental awareness amongst stakeholders. Fruit bearing saplings has been distributed amongst periphery villagers for

				<p>agro forest development. Employee retirement plantation programme has been conducted for each retiring employee inside the Panchpatmali Udyan. Swachhata Pokhwada programmes have been conducted among the periphery villagers and employee for cleanliness awareness. Sanitary pads have been distributed in nearby villages and awareness programme has also been conducted to improve hygiene among the women. Stakeholder Participation2024-25.pdf</p>
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2.3.4 Support for Drinking Water & Agriculture

Particulars	Details (To be filled up by Lessee)		No. of Benefic iaries	Applicable Max Points	Points scored	Remarks
Water storage tanks, drinking water supply facility & irrigation support to agriculture	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	500	3	3	Water supply to Puturaghati Village
	1.0000	1.0000				

2.3.5 Support to Health & Medical Services

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Benefic iaries	Applicable Max Points	Points scored	Remarks
Preventive measures for mitigation of mine related health problems	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	17377	3	3	SI No.6 of CSR Expenditure MHU NALC O Binder com pressed.pdf
	38.3320 Operation of Medical Health Units (MHUs) at periphery villages of M&R Complex, Damanjodi & Pottangi Buxite Mines.	38.3320 Operation of Medical Health Units (MHUs) at periphery villages of M&R Complex, Damanjodi & Pottangi Buxite Mines.				

Promotion of Hygiene and Sanitation, public health initiatives	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	28000	3	3	SI No.7 of CSR Expenditure Sanitation_compressed.pdf
	282.8000 Financial Assistance to Saheed Laxman Nayak Medical College and Hospital, Koraput for strengthen and enhance heath delivery system.	282.8000 Financial Assistance to Saheed Laxman Nayak Medical College and Hospital, Koraput for strengthen and enhance heath delivery system.				

2.3.6 Support to Skill Development & Education

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Applicable Max Points	Points scored	Remarks
Skill development & Vocational Training programmes for local communities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	492	3	3	SI No. 3&5 of CSR Expenditure Skill Development Programme NALCO.pdf
	282.2344 To provide financial support to girl students as well as periphery students for education.	282.2344 To provide financial support to girl students as well as periphery students for education.				

Promotion of Literacy & Education	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	136	3	3	SI No. 4 of CSR Expenditure Promotion of Literacy & Education Nalco compressed.pdf
	91.1596 Supporting residential education to poor backward & tribal children from periphery villages of M & R Complex, Damanjodi & Pottangi.	91.1596 Supporting residential education to poor backward & tribal children from periphery villages of M & R Complex, Damanjodi & Pottangi.				

2.3.7 Social & Livelihood Support

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Applicable Max Points	Points scored	Remarks
Support to social, cultural, recreational activities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	29988	2	2	SI No. 1&2 of CSR Expenditure Support to social, cultural, recreational activities Binder.pdf
	16.8000 Assistance to Koraput Parab and Panchpatmali Natya Mahotsab.	16.8000 Assistance to Koraput Parab and Panchpatmali Natya Mahotsab.				
Livelihood & Socio-Economic standard improvement support	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	168	3	3	SI No. 8 & 9 of CSR Expenditure Support for Livelihood Binder1 compressed-1.pdf
	2.2260 Promotion of livelihood through Jackfruit Value addition in selected priority villages	2.2260 Promotion of livelihood through Jackfruit Value addition in selected priority villages				

2.3.8 Support to Transportation Services & Infrastructure

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Applicable Max Points	Points scored	Remarks
Improvement of Road connectivity and public transport and other infrastructure facilities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	0	2	0	
	0.0000	0.0000				

2.3.9 Sourcing of Manpower Amongst Locals (from the State) in The Mines

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Total Local Manpower (% of total manpower)	Total local man power	Total man power	3	3	Data collected from HRD Manpower_SB_HRD.pdf
	173.0000	194.0000			
Skilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	89.0000	110.0000			
Unskilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	84.0000	84.0000			
Working in LWE affected districts (as per NITI Aayog list)			2	2	LWE_affected_districts.pdf

Working in Schedule V / Tribal area	Yes	3	3	List-Schedule-Areas-India.pdf
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2.3.10 Swatchata Programs: Creating/providing sanitation and healthy condition in and around the mine area

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Voluntary Adoption of Village for Health, Sanitation, Literacy (including Computer Literacy) & Infrastructure Support Programs:	All Four Identified Programs are conducted/ Support provided to the local community.	10	10	
General Cleanliness of mines area (Mine working faces, dump areas, roads)	Excellent	3	3	General Cleanliness of mines area.pdf
Cleanliness of workshop/Mines Office area	Excellent	3	3	General Cleanliness of mines area.pdf
Garbage collection and appropriate disposal	Yes	3	3	Garbage collection and appropriate disposal is being carried out through outsourcing agencies in the Mines as well as in Nalco township for green environment.

Providing drinking water for mining workers	Yes	2	2	Drinking water.pdf
Provision for greenage recreational facility	Yes	2	2	Developed many recreational facility in Nalco Township like Hanuman Vatika, Siridi Sai Temple, Rose garden, Jagannath Temple, Sabari Lake, Sudarsan Jhara, Community Centre, Club, etc.
Awareness program among Mine workers for Swatchata	Yes	2	2	Cleaning activities are carried out under Swatchha Bharat Mission program by mine workers. Swachha Bharat Mission & 5 S Certificate.pdf

Summary of Points obtained in Module-III	Module-I Applicable Maximum Points(2)	Module-I Points Scored(ii)
66	64	

Final Submitted

Module IV : Assurance And Reporting

2.4.1 : Lease Level Reporting - Disclosures and Assurances

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Availability of information on SDF and related Reports on Company's/Mine website/ Public Display at mine site	Yes	3	3	Yes and attached REPORTING OF CSR AT NALCO WEB SITE.pdf
Display of ambient air quality level on website and at prominent locations such as premises gate, mine-office, etc.	Yes	2	2	Displayed at Mines Main Gate through Air Quality Data Display.pdf
Internal auditing for information submitted.	Yes	3	3	Yes and attached MOM 31st I MS_MR_meeting_31052025.pdf

2.4.2 : Adoption of Related International Standards

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks

QMS (ISO_9001)	Yes	3	3	Yes attached QMS certificate valid 15122025.pdf
EMS (ISO-14001)	Yes	3	3	Yes attached EMS certificate 06112027.pdf
OHSAS (ISO-18001) or ISO 45001	Yes	3	3	Yes attached OHSMS Certificate 13122026.pdf
Swatchata Report	Yes	2	2	Yes attached Swachha Bharat Mission.pdf

Summary of Points obtained in Module-IV	Module-I Applicable Maximum Points(4)	Module-I Points Scored(iv)
	19	19

● **OVERALL PERFORMANCE & STAR RATING**

Module	Sum of Applicable Maximum Points in all Modules (a)	Applicants Ratings	
		Sum of Points Scored in all Modules (b)	Percentage (b/a)*100
Subtotal Module I	104	97	93.27%
Subtotal Module II	25	26	104.00%
Subtotal Module III	66	64	96.97%

Subtotal Module IV	19	19	100.00%
Overall	214	206	96.26%
% Obtained	96.26 %		
☆ Star Rating	★ ★ ★ ★ ★ 5 Star		

Criteria for Star Rating :

Percentage obtained	Criteria
=> 90 %	5 Star
=> 80 to < 90 %	4 Star
=> 60 to < 80 %	3 Star
=> 50 to < 60 %	2 Star
=> 25 to < 50 %	1 Star
< 25	No Rating

Certificate

I RAJESH VINCHURKAR, S/o JAGADISHRAO VINCHURKAR Designation Lease Secondary am authorized to fill and submit this document on behalf of lessee. It is further certified that

all the above furnished information is true to the best of my knowledge and based on records.

Date:

Lessee/Authorized person by lessee

Place:

(Name)

(Name)

Final Submitted

Esigned by: RAJESH
Date: 28/06/2025 02:47:49 PM