



To

**Divisional Forest Officer,  
Cuttack Forest Division,  
At/Po: Ghatakula,  
Dist: Cuttack, Odisha**

Ref: SCM/ L&L/ 187/15  
Date: 11<sup>th</sup> March' 2015

**Sub: 3<sup>rd</sup> Renewal of Diversion over 73.697 ha of forest land for mining of Chromite & Pyroxenite ore by M/s Tata Steel Ltd, in Cuttack Forest Division Jajpur District of Odisha in respect with the Sukinda Chromite Mine.**

**Ref: MoEF, Govt. of India letter No 8-78/96-FC (pt.I), dated 03.11.2014.**

Dear Sir,

This is in connection with Stage-I approval of MoEF, Govt. of India vide letter no. F.No. 8-78/96-FC (pt.I), dated 03.11.2014 over 73.697 ha with respect to our Sukinda Chromite Mine Lease over 406 ha. We are enclosing herewith the Stage-I condition compliance. We request your kind recommendation for Stage-II approval as per provision given under FC Act, 1980.

Thanking you,

Yours faithfully,  
For Tata Steel Limited

For TATA STEEL LTD  
By their Constituted Attorney  
By their Constituted Attorney  
(Ganesh Prasad Sahu)  
Head, FAP Bamnipal  
(GANESH PRASAD SAHU)  
Head (Ferro Alloys Production)  
Ferro Alloys & Minerals Division  
Encl: As above

Received  
11/3/15  
Head Clerk  
Cuttack Forest Division  
Cuttack

For TATA STEEL LTD.  
By their Constituted Attorney  
(GANESH PRASAD SAHU)  
Head (Ferro Alloys Production)  
Ferro Alloys & Minerals Division



**STAGE-1 FOREST CLEARANCE (F.No. 8-78/96-FC (pt.I), dated 03.11.2014)**  
**CONDITIONS & COMPLIANCE STATUS**  
**SUKINDA CHROMITE MINE (TATA STEEL LIMITED)**

SI No.	CONDITION	COMPLIANCE
(i)	Legal Status of diverted Forest Land shall remain unchanged	Legal Status of diverted Forest Land shall remain unchanged
(ii)	Following activity shall be undertaken by the user agency at the Project Cost:	It is being undertaken to carry out the following activity at the Project Cost. Undertaking to this effect is enclosed as Annexure-A.
a	A plan containing appropriate mitigative measures to minimize soil erosion and choking of streams shall be prepared and implemented;	A Scheme containing appropriate mitigative measures to minimize soil erosion and choking of streams has been prepared and same shall be implemented. Same is enclosed as Annexure-I.
b	Planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion;	A Scheme for planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion has been prepared. Same is enclosed as Annexure-II.
c	Construction of check dams, retention /toe walls to arrest sliding down of the excavated material along the contour;	A Scheme detailing the construction of check dams, retention /toe walls to arrest sliding down of the excavated material along the contour has been prepared. Same is enclosed as Annexure-III.
d	Stabilize the overburden dumps by appropriate grading/benching so as to ensure that that angles of repose at any given place is less than 28°;	A Scheme has been prepared to stabilize the overburden dumps by appropriate grading/benching so as to ensure that that angles of repose at any given place is less than 28°. Same is enclosed as Annexure-IV.
e	Strict adherence to the prescribed top soil management.	Scheme for Top soil Management has been prepared and same is enclosed as Annexure-V.
(iii)	State Government shall charge the Net Present Value (NPV) of the forest area diverted under this proposal from the user agency as per the Orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5- 3/ 2007-FC dated 05.02.2009 in this regard;	Divisional Forest Officer, Cuttack Forest Division vide Memo No 232 dated 09.01.2013 demanded a sum of Rs 5,37,98,810/- towards Net Present Value (NPV) over the already broken up forest area of 73.697 ha. Accordingly, we have already deposited the Rs 5, 37, 98,810/- on 09.01.2013 through RTGS mode in the State Specific CAMPA Account. Copy of the letters is enclosed as Annexure-VI.
(iv)	At the time of payment of the Net Present Value (NPV) at the present rate, the user agency shall furnish an undertaking to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India;	We undertake to pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India (Annexure-A).
(v)	All the funds received from the User Agency under the project shall be transferred to Ad-hoc CAMPA in the concerned Saving Bank Account in Corporation Bank. Lodi Road, New Delhi-110003;	To be taken care by State Forest Dept.

**TATA STEEL LIMITED**

Sukinda Chromite Mine PO Kalarangiatta Dist Jajpur Odisha 755028

Phone no 91 6726 268763 Fax 91 6726 268734

Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India

Tel 91 22 6665 8282 Fax 91 22 66657724

Corporate Identity Number L27100MH1907PLC000260 Website [www.tatasteel.com](http://www.tatasteel.com)



Sl No.	CONDITION	COMPLIANCE
(vi)	User agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986;	Environment Clearance already obtained from MoEF, Govt. of India vide letter no. J-11015/96/2011-IA.II (M), dated 06.09.2013 under the EIA Notification, 2006. Copy of the Environmental Clearance is enclosed as Annexure-VII.
(vii)	User agency shall maintain 7.50 meters wide strip all along the periphery of the mining lease as safety zone. No mining activity shall be undertaken in the safety zone;	<p>Presently Safety Zone of 15 ha is maintained at the Southern boundary of the ML area as approved by State Govt.</p> <p>Matter on Safety Zone was also appraised to the EAC during 12.03.2013 &amp; 14.04.2013 for grant of EC. Finally, on recommendation of EAC, MoEF, Govt. of India granted the Environmental Clearance vide letter no. J-11015/96/2011-IA.II (M), dated 06.09.2013 with following condition:</p> <p><i>"Plantation shall be raised in an area of 384.44 ha including a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around the higher benches of excavated void etc. after the completion of opencast mining activity by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per ha."</i></p> <p>Representation for the above purpose has been made to MoEF, Govt. of India and clarification to this effect is awaited.</p>
(viii)	State Government shall ascertain the status, as on 25th October 1980, of the area located in the mining lease which has been treated as 'non-forest' as per the Hal(present) record of rights and intimate the same to the Ministry of Environment and Forests, Government of India within a period of one month from the date of grant of Stage-I approval;	To be replied by State Government.
(ix)	User agency shall prepare a schedule of the surrender of the fully(biologically)reclaimed mined out forest land and submit the same to the Ministry of Environment and Forests before grant to stage-II approval under the FC Act;	Due to Continuation of opencast mining and subsequently underground mining in future the surrender of fully reclaimed mined out forest area is not envisaged during next 20 years.
(x)	The User Agency shall pay the proportionate cost of implementation of Regional Wildlife Management Plan at revised cost; and	We have already submitted proportionate cost towards implementation of Regional Wild Life Management Plan @ Rs 81,20,000/- and Rs 24,36,000/- through DD No. DD no. 111682, dated 21.07.2009 and through RTGS mode on 07.03.2014 respectively in the State Specific CAMPA account

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SI No.	CONDITION	COMPLIANCE
		towards the cost of Wildlife Management Plan @ Rs 26,000/- per ha of ML area for implementation of Regional Wildlife Management Plan. Copy of the above letters is enclosed an Annexure-VIII.
(xi)	The user agency shall pay towards the cost of site specific conservation plan to be approved by the CWLW, Odisha for its implementation in leasehold as well as surrounding area.	The Site Specific Wild Life Conservation Plan has already been resubmitted to DFO, Cuttack vide our letter no. SCM/L&L/06/15, dated 14.01.2015 and same was recommended by DFO, Cuttack to RCCF, Angul vide his Memo no. 2025/ 5F (Misc)/2015, dated 27.02.2015 (Copy of the letter is enclosed as Annexure-IX) after complying with the necessary scrutiny remarks. Further, we undertake to pay towards the cost of site specific conservation plan after same is being approved by the CWLW, Odisha for its implementation in leasehold as well as surrounding area. Copy of the Undertaking is enclosed as Annexure-A.
(xii)	User agency in consultation with the State Forest Department shall create and maintain alternate habitat/ home for the avifauna, whose nesting trees are to be cleared in this project. Bird nests artificially made out of eco-friendly materials shall be used in the area, including forest area and human settlements, adjoining the forest area being diverted for the project;	There is no proposal for felling of trees within the leasehold area. However, company in consultation with the State Forest Department shall create and maintain alternate habitat/ home for the avifauna, whose nesting trees are to be cleared in this project if any such situation arises.
(xiii)	User agency either himself or through the State Forest Department shall undertake fencing, protection and afforestation of the safety zone area (7.5 meter strip all along the outer boundary of the area identified to undertake mining), at the project cost;	Presently Safety Zone of 15 ha is maintained at the Southern boundary of the ML area as approved by State Govt.
(xiv)	User agency either himself or through the State Forest Department shall undertake afforestation on degraded forest land, one and half time in extent to the area used for safety zone;	During the 2 <sup>nd</sup> Renewal period a sum of Rs 6,58,750/- towards the cost of fencing, protection and regeneration of safety zone area and also the cost of afforestation over one and half times of the safety zone area in degraded forest land elsewhere has already been paid vide DD no. 365200 & 365201 both dated 20.12.1997. Copy of the letter along with the DD is enclosed as Annexure-X. The Safety Zone area has already been fenced. 15 ha of block plantation raised in 2006-07 & 22.5 ha. RDF in 2007-08 in Mahagiri DPF
(xv)	Period of diversion of the said forest land under this approval shall be for a period co-terminus with the period of the mining lease proposed to be granted under the Mines and Minerals (Development and Regulation) Act, 1957, and the Rules framed there-	The 3 <sup>rd</sup> RML period over 406 ha is valid till 11.01.2033 and hence The period of diversion of the forest land over 73.697 ha shall be for a period co-terminus with the period of the mining lease i.e till 11.01.2033.

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SI No.	CONDITION	COMPLIANCE
	under, subject to a maximum period of 20 years;	
(xvi)	User agency either himself or through the State Forest Department shall undertake gap planting and soil & moisture conservation activities to restock and rejuvenate the degraded open forests (having crown density less than 0.4), if any, located in the area within 100 meters from outer perimeter of the mining lease;	Kindly refer the Plate-I submitted along with the FDP. The mine is shares common boundary with M/s OMC Ltd. in the north, M/s Jindal Ltd. in the east, M/s FACOR Ltd. in the west. Company has been allotted with additional area of 100ha at south of the mining leasehold area and bears the common boundary. Some patches of land in the South-west and North-west side of the lease are still vacant. However, the said area is mineralized and forms a part of erstwhile lease of 1261.476 ha of the Company now has been kept under the custody of M/s OMC Ltd. In such a situation there is no land located in the area within 100 meters from outer perimeter of the mining lease having crown density less than 0.4 where gap plantation soil & moisture conservation activities can be taken up.
(xvii)	User agency shall undertake de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks/water bodies, whenever required;	Tata Steel undertakes de-silting of the village tanks and other water bodies located within 10 km from the mine lease boundary as a part of regular CSR activity under the banner of TSRDS (Tata Steel Rural Development Society). However, a scheme has been prepared for de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks/water bodies. Copy of the Scheme is enclosed as Annexure-XI.
(xviii)	User agency shall undertake mining in a phased manner and take due care for reclamation of the mined over area. The concurrent reclamation plan shall be executed by the User Agency as per the approved mining plan/scheme and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, Government of Odisha and the Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (Eastern Zone), Bhubaneswar. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the user agency, the Nodal Officer or the Addl. Principal Chief Conservator of Forests(Central) may direct that the mining activities shall remain suspended till such time, such reclamation activities are satisfactorily executed;	The Mining activity and reclamation of mined out area is being taken up as per the approved Mining Plan/ Scheme and the annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, Government of Odisha and the Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (Eastern Zone), Bhubaneswar. Undertaking to this effect is enclosed as Annexure-A.

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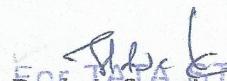
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SI No.	CONDITION	COMPLIANCE
(xix)	No labour camp shall be established on the forest land;	There is no labour camp within the Forest land.
(xx)	User agency shall provide firewood preferably alternate fuel to the labourers and the staff working at the site so as to avoid any damage and pressure on the adjacent forest areas;	Company staffs are using LPG and electricity as Alternate fuel so as to avoid any damage and pressure on the adjacent forest areas.
(xxi)	Boundary of the mining lease and safety zone shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar;	Boundary Pillars for mining lease and Safety Zone area has already been demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, forward and back bearing and distance from pillar to pillar. Photograph showing the same is enclosed as Annexure-XII.
(xxii)	Forest land shall not be used for any purpose other than that specified in the proposal;	The Forest land shall not be used for any purpose other than that specified in the proposal. Undertaking to this effect is enclosed as Annexure-A.
(xxiii)	State Government shall complete settlement of rights, in term of the Scheduled 'Tribes and Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, if any, on the forest land to be diverted and submit the documentary evidence as prescribed by this Ministry in its letter No. 11-9/1998-FC (pt.) dated 3rd August 2009,in support thereof;	FRA Certificate already obtained from Collector, Jajpur vide Memo 2202, date 06.12.2012. The forest land is already broken up prior to 1980 and there is no Scheduled 'Tribes and Traditional Forest Dwellers as per (Recognition of Forest Rights) Act, 2006, staying on the forest land to be diverted. Copy of the FRA Certificate is enclosed as Annexure-XIII.
(xxiv)	Any other condition that the Regional Office (Eastern Zone), Bhubaneswar of this Ministry, Bhubaneswar may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife; and	No such conditions imposed till date. However, company would abide by any other condition that the Regional Office (Eastern Zone), Bhubaneswar of this Ministry, Bhubaneswar may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife. Undertaking to this effect is enclosed as Annexure-A.
(xxv)	User agency and the State Government shall ensure compliance to provisions of the all Acts, Rules & Regulations and Guidelines, for the time being in force, as applicable to the project.	Tata Steel shall ensure compliance to provisions of the all Acts, Rules & Regulations and Guidelines, for the time being in force, as applicable to the project. Undertaking to this effect is enclosed as Annexure-A.

  
 For TATA STEEL LTD.  
 By their Constituted Attorney  
 By their Constituted Attorney

(Ganesh Prasad Sahu)  
 Head, FAP Bamnipal  
 (GANESH PRASAD SAHU)  
 Head (Ferro Alloys Production)  
 Ferro Alloys & Minerals Division

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### LIST OF ANNEXURES

SL NO.	SUBJECT/ PARTICULARS	ANNEXURE NO.
1	Scheme containing appropriate mitigative measures to minimize soil erosion and choking of streams	Annexure-I
2	Scheme for planting of adequate drought hardy plant species and sowing of seeds in the appropriate area within the mining lease to arrest soil erosion	Annexure-II
3	Scheme detailing the construction of check dams, retention /toe walls to arrest sliding down of the excavated material along the contour	Annexure-III
4	Scheme has been prepared to stabilize the overburden dumps by appropriate grading/benching so as to ensure that that angles of repose at any given place is less than 28°	Annexure-IV
5	Scheme for Top soil Management	Annexure-V
6	Details of payment of NPV	Annexure-VI
7	Copy of the Environmental Clearance	Annexure-VII
8	Details of payment towards Regional Wildlife Management Plan	Annexure-VIII
9	Details of Site Specific Wild Life Conservation Plan	Annexure-IX
10	Details of payment towards one and half time in extent to the area used for safety zone	Annexure-X
11	Scheme for de-silting of the village tanks and other water bodies located within five km from the mine lease boundary so as to mitigate the impact of siltation of such tanks/water bodies	Annexure-XI
12	Photographs of Boundary Pillars for mining lease and Safety Zone pillars	Annexure-XII
13	Copy of the FRA Certificate obtained from Collector, Jajpur	Annexure-XIII
14	Undertaking	Annexure-A

For TATA STEEL LTD.  
By their Constituted Attorney  
*Ganesh Prasad Sahu*

(GANESH PRASAD SAHU)  
Head (Ferro Alloys Production)  
Ferro Alloys & Minerals Division

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## ANNEXURE-A

### UNDERTAKINGS

We hereby under take the following for compliance of Stage-I over 73.697 ha duly approved by MoEF, Govt. of India vide letter No 8-78/96-FC (pt.I), dated 03.11. 2014 in respect of our Sukinda Chromite Mine.

1. All the activity fall under Stage-I compliance condition No2(ii)(a), 2(ii)(b),2(ii)(c),2(ii)(d), (ii)(e),shall be strictly adhered and maintained by us at our project cost. **[Condition No2(ii)]**
2. We would pay the additional amount of NPV, if so determined, as per the final decision of the Hon'ble Supreme Court of India. **[Condition No2(iv)]**
3. We would pay towards the cost of site specific conservation plan after same is being approved by the CWLW, Odisha for its implementation in leasehold as well as surrounding area. **[Condition No2(xi)]**
4. The Mining activity and reclamation of mined out area would be taken up as per the approved Mining Plan/ Scheme and the annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, 1980, Government of Odisha and the Addl. Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (Eastern Zone), Bhubaneswar. **[Condition No2(xviii)]**
5. The Forest land shall not be used for any purpose other than that specified in the proposal. **[Condition No2 (xxii)]**
6. Company would abide by any other condition that the Regional Office (Eastern Zone), Bhubaneswar of this Ministry, Bhubaneswar may stipulate, from time to time, in the interest of conservation, protection and development of forests & wildlife. **[Condition No 2(xxiv)]**
7. We would ensure compliance to provisions of the all Acts, Rules & Regulations and Guidelines, for the time being in force, as applicable to the project. **[Condition No2 (xxv)]**

For TATA STEEL LTD.  
By their Constituted Attorney

By their Constituted Attorney

(GANESH PRASAD SAHU)  
(Ganesh Prasad Sahu)  
Head (Ferro Alloys, FAP, Bammipal)  
Head, FAP Bammipal  
Ferro Alloys & Minerals Division

#### **TATA STEEL LIMITED**

Ferro Alloys & Minerals Division, Malda Mn. Mines, At/P.O.: Malda  
Dist: Sundargarh, Orissa, Tel. 9238101370

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Tel 91 22 6665 8282 Fax 91 22 66657724

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