

COMPLIANCE TO THE STAGE II CONDITIONS GRANTED BY GOVERNMENT OF INDIA, MINISTRY OF ENVIRONMENT & FORESTS (F.C. DIVISION)
VIDE F. NO. 8-80/2004-I, DATED 28.03.2007 WITH RESPECT TO TIRINGPAHAR IRON AND MN. MINE OF TATA STEEL LTD.

CONDITION I: Legal status of the forest land shall remain unchanged.

COMPLIANCE: The legal status of the diverted forest land shall remain unchanged. In this regard the User Agency has provided an undertaking. (Enclosed vide Annexure No. - 1)

CONDITION II: Compensatory afforestation shall be raised over 40.698 ha (fresh area) of non-forest land and shall be maintained at the project cost.

COMPLIANCE: The user agency has deposited an amount of Rs 1493000.00 i.e Rs. 13,56,700.00 dated 14.12.2005 vide SBI DD No-062994 and Rs. 1,36,300.00 on 29.05.2006 vide challan No-4, which has been paid in favour of Adhoc. CAMPA Fund, towards the cost of raising compensatory afforestation over an area of 40.698 ha. in the non-forest land located in village Asanbahali and Nua Baripal under Anandpur Tahasil. The infrastructural facilities stipulated in the scheme have also been provided by the User Agency. Plantation over the said area is yet to be carried out.

CONDITION III: The non-forest land identified for Compensatory Afforestation shall be declared as Reserved Forest/Protected Forest under the Indian Forest Act,1927/State Forest Act. The Nodal Officer shall report compliance within three months in this regard.

COMPLIANCE: The draft notification for declaration of PF/RF of the non-forest land located in village Asanbahali and Nua Baripal under Anandpur Tahasil has been submitted by the Divisional Forest Officer, Keonjhar (Wildlife) Division, Anandapur to the Chief Conservator of Forests (Nodal), O/o- The PCCF, Odisha vide his memo no. 1752 dated 03.06.2006 and memo no. 1758 dated 03.06.2006. The draft notification for declaration of P.F of Non Forest Land identified in Village Rugudikasada under Telkoi Tahasil has been submitted to the Chief Conservator of Forests, (Nodal), O/o- The PCCF, Odisha vide memo no. 3924 dated 30.06.2006 of Divisional Forest Officer, Keonjhar Division. The said area is yet to be notified as P.F.

CONDITION IV: The Concurrent Reclamation Plan shall be executed by the user agency from the very 1st year and an annual report shall be sent to the Nodal Officer and the RCCF, Bhubaneswar. If it is found from the annual report that the concurrent reclamation plan is not being adhered to by the user agency, the mining activities shall remain suspended till such time, the annual programme is completed for that year.

COMPLIANCE:-Concurrent Reclamation is being carried out in consonance to the reclamation and afforestation plan submitted along with the diversion proposal from the very first year and the details of the same is given in table below. The details of actual reclamation and afforestation against the plan are given in table below.

Table: Reclamation & Afforestation (Plan Vs. Actual)

Block Year	Plan		Till 2017-2018	
	No. of saplings to be planted	Area to be covered (ha)	No. of saplings to be planted	Area covered (ha)
2017-2018 to 2021-2022	3800	1.50	15000	1.25

CONDITION V: The State Government shall deposit NPV and all other funds with the Ad-hoc Body of Compensatory Afforestation Fund Management and Planning Authority (CAMPA), in Account No. CA 1585 of Corporation Bank, Block-11,ground Floor, C.G.O. Complex, Phase-1, Lodhi Road, New Delhi-110003, as per instructions communicated vide Letter No. 5-2/2006-FC dated 20.05.2006.

COMPLIANCE: The User Agency has deposited an amount of Rs. 96283480.00 towards NPV for the entire Forest Land of 133.174 ha including 64.260 ha of Non-Forest land recorded as Forest in Government records as on 25.10.1980. The details of payments are as follows:

1. Rs. 37280500.00 vide SBI DD No -062994 on dated 14.12.2005 over 52.348 ha.
2. Rs. 12093180.00 vide SBI DD' No 771230 on dated 01.07.2010 over 16.566 ha.
3. Rs. 46909800.00 vide RTGS vide UTR No. SBIN516173371865 on dated 21.06.2016 over 64.260 ha.

CONDITION VI: The Mining Lease period under the Forest (Conservation) Act, 1980 shall be co-terminus with the current lease granted under MMRD Act, 1957.

COMPLIANCE: The State Government vide letter no. III (MN) SM-45/2006/3278/SM dated 18.04.2015 extended the validity period of Tiringpahar Mining Lease up to 31.03.2030 under the section of 8A of the MMDR Amendment Act, 2015 and thereafter a supplementary lease deed was executed on 08.05.2015. Accordingly as per the guidelines issued by the MoEF and C.C vide F.No.11-51/2015-FC dated 01.04.2015 the Mining Lease period under Forest (Conservation) Act, 1980 was extended up to 31.03.2030.

CONDITION VII: The user agency shall raise, fence and maintain a safety zone around the mining area and will also raise and maintain plantation over an area one and half times of extent of the safety zone, over degraded forest land elsewhere, at the project cost.

COMPLIANCE: The User Agency has paid Rs.1,58,664/- through SBI DD No. 062994 dated 14.12.2005 towards the cost of fencing Protection and Maintenance of safety zone over 1.958 ha Safety Zone has been fenced and regeneration activity has been taken up in the safety zone and Rs. 15,936.00 /- vide challan No-4 on 29.05.2006 towards the cost of afforestation over one and half times of safety zone area in degraded forest, identified in Maaidankel RF over 3.00 ha. The State Forest Department has carried out plantation over an area of 3.000 ha. in the block year of 2011-12.

CONDITION VIII: RCC pillars 4 feet high shall be erected to demarcate the area by the user agency at the project cost and will be marked with forward and back bearings and distance from pillar to pillar.

COMPLIANCE: The User Agency has demarcated the area with four feet high RCC pillars and the pillar are inscribed with serial number, co-ordinate, forward and backward bearings and distance between two adjacent pillars.

CONDITION IX: The Regional Wildlife Management Plan, prepared for Bonai and Keonjhar Divisions for conservation of wildlife and their habitat, shall be implemented at project cost. State Government shall submit the progress of implementation of Wildlife Management Plan prepared for Bonai and Keonjhar Divisions. In addition the User Agency shall also implement site specific wildlife Management Plan in consultation with Chief Wild Life Warden (CWLW), Orissa.

COMPLIANCE: The User Agency has deposited Rs. 7267000.00/- @Rs. 43,000/- per Ha. towards implementation of regional Wildlife Management Plan prepared for Bonai and Keonjhar Division. The details of payment are as follows:

1. Rs.25, 20,385/- vide SBI DD No -062994 dated 14.12.2005.
2. Rs. 8,59,615.00 Vide Demand Draft No. 657488 dated 27.03.2013.
3. Rs. 38,87,000.00 through RTGS bearing UTR No. HDFCR52015073005436903 on 30.07.2015
4. In addition, Site Specific Wildlife Conservation Plan has been approved by PCCF, Odisha vide Memo No. 7724 dated 31.08.2015 with a financial outlay of Rs. 276.17 Lacs, the User Agency has deposited Rs. 2,40,47,000/- (Rupees Two crore forty lakh forty seven thousand only) through NEFT mode in the Odisha CAMPA Account No. 150825870400473, Corporation Bank, FCS Bangalore.

CONDITION X: The User Agency shall also implement a Conservation Plan in their leasehold area as per guidelines of the CWLW, Orissa.

COMPLIANCE: The User Agency has deposited Rs. 2,40,47,000/- (Rupees Two crore forty lakh forty seven thousand only) for buffer zone of the mining lease, through NEFT mode in the Odisha CAMPA Account No. 150825870400473, Corporation Bank, FCS Bangalore vide UTR No. SBINR5201803900004322 dated 09.03.2018 towards the Site Specific Wildlife Conservation Plan in respect of Tiringpahar Iron & Manganese Mine against the demand Notice of the Divisional Forest Office, Keonjhar vide No. 6956/Mining dated 16.09.2015.

CONDITION XI: The top soil shall be protected by the user agency at the project cost.

COMPLIANCE: The Top Soil generated earlier, in course of mining has been utilized by the User Agency for plantation purpose within the lease hold area and dumps, which is stacked properly at earmarked position and proper care is being taken for preservation of top soil.

CONDITION XII: Trees will be felled in a phased manner over a period of 20 years in accordance with a plan prepared in consultation with the State Forest Department. Trees shall be felled only when it becomes necessary and that too under strict supervision of the State Forest Department and at the cost of the project.

COMPLIANCE: Tree Felling is done in phased manner and as per approved mining plan and as per requirement under strict supervision of the undersigned.

CONDITION XIII: No labour camps shall be established on the forest land.

COMPLIANCE: No labour camps have been established by the User Agency within the forest land. In this regard the User Agency has provided an undertaking. (Enclosed vide Annexure No.- 1)

CONDITION XIV: All necessary measures should be taken by the user agency to protect the environment.

The User Agency has taken the following measures- to protect the environment.

- A. Waste Management: The rejects are dumped in separate area to avoid mix-up from over burden. Once the dump is matured the fast growing local saplings have been planted over it. The slope of the dump is maintained by dozing and leveling at suitable intervals. Retaining walls of around 2490 m with Garland Drains have been provided at the toes of the dumps to prevent direct flow of surface run off to outside during rain.
- B. Air Pollution Control Measure
- Dust suppression systems (water jets) have been provided in drill machine.
 - Haul roads are regularly sprinkled with the help of mobile water sprinklers.
 - Dumping and screening are regularly sprinkled with the help of mobile water sprinklers.
 - Ore transportation trucks which transport ore from mine to different locations is fully covered by tarpaulin.
 - Green belt is developed around the road and mining to arrest propagation of dust, if any.
- C. Water Quality Management: There is no generation of mine drainage water as the mine is working at high hill slope area and not intersects with ground water table. Garland drains along with toe wall with settling pits at regular interval, have been provided all along the OB dumps
- Check dams have provided of surface runoff at appropriate place near dumps for proper siltation of surface runoff
- D. Afforestation:
- During the year 2015-16, 15400 nos. of sapling were planted in matured OB dumps covering an area of 1.2 ha
 - During the year 2016-17, 20820 nos. of sapling were planted in matured OB dumps covering an area of 3.6 ha
 - During the year 2017-18, 15000 nos. of sapling were planted in matured OB dumps covering an area of 1.25 ha

CONDITION XV: Sufficient firewood shall be provided by the user agency to the labourers at the project cost after purchase from the State Forest Department/Forest Development Corporation.

COMPLIANCE: The User Agency is providing free electricity to the employees residing in the camp area for cooking purpose.

CONDITION XVI: The forest land shall not be used for any purpose other than that specified in the proposal.

COMPLIANCE: The User Agency is using the forest land for the mining and allied activity as specified in the diversion proposal. In this regard the User Agency has provided an undertaking. (Enclosed vide Annexure No.- 1)

CONDITION XVII: The forest land thus diverted shall be non-transferable. Whenever the forest land is not required, it shall be surrendered to the State Forest Department under intimation to this Ministry.

COMPLIANCE: The forest land has not been transferred and the land would be surrendered to the State Forest Department under intimation to the Ministry, if in case the forest land is not required. In this regard the User Agency has provided an undertaking. (Enclosed vide Annexure No.-1)

Sankar
16/7/18
Divisional Forest Officer,
Keonjhar Division

ANNEXURE-1

UNDERTAKING

With reference to the Stage-II Conditions granted by Govt. of India, Ministry of Environment & Forests (F.C. Division) vide F. No. 8-80/2004-I, Dated 28.03.2007 with respect to Tiringpahar Iron and Mn. Mine of Tata Steel Ltd. we do hereby undertake that:

1. The Legal status of the forest land shall remain unchanged. **(Condition No. I)**
2. We would ensure that no labour camps shall be established on the forest land. **(Condition No. XIII)**
3. No forest land shall be used for any purpose other than that specified in the proposal. **(Condition No. XVI)**
4. We shall abide that the forest land thus diverted shall be non-transferable. Whenever the forest land is not required, it shall be surrendered to the State Forest Department under intimation to this Ministry. **(Condition No. XVII)**

COUNTERSIGNED

Divisional Forest Officer,
Keonjhar Division

FOR TATA STEEL LTD.
By their Constituted Attorney

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