

KIC METALIKS LTD.RATURIA,ANGADPUR,DURGAPUR - 15
HALF YEARLY COMPLIANCE REPORT
OCTOBER, 2015 – MARCH, 2016

A.	<i>SPECIFIC CONDITIONS:</i>
i.	<i>Efforts shall be made to mitigate RSPM levels in the ambient air and a time bound action plan shall be submitted. On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic Precipitator (ESP), gas cleaning plant, bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm³ by installing energy efficient technology. Fume extraction system shall be install to control the emissions within the prescribed standards.</i>
Com	<i>The unit installed modern air Gas cleaning plant(wet),ESPs and bag filters. The unit has carried out a study on Ambient Air Quality in & around the existing units. The report shows that the RSPM (Respirable Suspended Particulate Matter)level is found within the limit . (Copy enclosed herewith for your perusal ANNEXURE - A)</i>
ii.	<i>Pet coke shall be used as fuel instead of charcoal from unknown sources. No charcoal should be used as fuel.</i>
Com	<i>Coke is being used in the process instead of charcoal.</i>
iii.	<i>Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored Guidelines/Code of practice issued by the CPCB should be followed.</i>
Com	<i>It is expected that the fugitive emission is controlled.</i>
iv.	<i>The National Ambient Air Quality Standards issued by the Ministry vide G.S.R.No. 826(E) dated 16th November, 2009 shall be followed.</i>
Com	<i>The study for Ambient Air Quality as per the latest notification dtd. 26th Nov, 2009 will be undertaken next term. Presently we have done the Ambient Air Monitoring as per the previous notification.</i>
v.	<i>Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of practice issued by the CPCB shall be followed. New standards for the sponge iron plant issued by the Ministry vide G.S.R 414(E) dated 30th May, 2008 should be followed.</i>
Com	<i>The unit is following the new standards for the MBF & other such industries issued by MOEF dtd. 30.05.2008. The result of gaseous emission for different stacks report enclosed herewith for your perusal. ANNEXURE - B</i>
vi.	<i>Total makeup water requirement shall not exceed 4940 m³ /d. Permission to draw water from the competent authority shall be obtained. Efforts shall further be made to use maximum water from the rain water harvesting sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly. All the effluent should be treated and used for ash handling dust suppression and green belt development. No effluent shall be discharged and zero discharge shall be adopted Sanitary sewage should be treated in septic tank followed by soak pit.</i>
Com	<i>The unit has taken the appropriate steps as suggested in the directions. Company use maximum water from the rain water harvesting system .</i>
vii.	<i>Efforts shall be made to make use to rain water harvested if needed capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.</i>
Com	<i>Necessary Rain Water Harvesting System is under implementation as per the plan given in EIA/EMP report. First phase and second phase work complited and last phase work is under process.</i>

viii.	<i>Regular monitoring of influent and effluent surface, sub-surface and ground water (including chromite) should be ensured and treated wastewater should meet the norms prescribed by the State Pollution Control Board or described under the E(p) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.</i>
Com	<i>Analysis of the effluent is done. ANNEXURE - C</i>
ix.	<i>The water consumption shall not exceed as per the standard prescribed for the steel plants.</i>
Com	<i>The standard is maintained as prescribed for the steel plants.</i>
x.	<i> Vehicular pollution due to transportation of raw material and finished products shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product.</i>
Com	<i>Any vehicles allowed to enter the Factory premises proper checking vehicles Emission Certificate ,cover with the Materials and speed limit 10 KM/ph in side the plant.The measure mentioned in EIA/EMP report is followed.</i>
xi.	<i>All internal roads shall be black topped. The roads shall be regularly cleaned with mechanical sweepers. A 3-tier avenue plantation using native species shall be developed along the roads. Facilities for parking of trucks carrying raw coal from the linked coalmines shall be created within the Unit.</i>
Com	<i>The necessary steps are under implementation stage.already 60 % completed.</i>
xii.	<i>Proper handling, storage, utilization and disposal of all the solid waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition end use of slid/hazardous waste should be submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.</i>
Com	<i>No disposal of solid waste is being done as all are reused in the Blast Furnace.</i>
xiii.	<i>A time bound action plan shall be submitted to reduce solid waste its proper utilization and disposal.</i>
Com	<i>The action plan for reduction of solid waste will be made after installation of all the units as per the EC.</i>
xiv.	<i>Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB within 3 months of issue of environment clearance letter.</i>
Com	<i>The preparation of Risk & Disaster Management Plan along with the mitigation measures under progress</i>
xv.	<i>As proposed green belt shall be developed in 33% of plant area as per the CPCB guidelines in consultation with the DFO.</i>
Com	<i>The Green Belt Plan is done & it is under implementing .Our plant consist approx 75.73 acres of land out of which we have planted approx 22 acres of land for plantation . More then 946 Nos,of trees are existing in the plant of different species such as Shiris,Mango,Sal,Saigon,Mahogany,Devdaru,etc.and 3 (three) acres for gardening consisting verious types of flowers such as rose,chrysanthemun,palm tree,mari gold,rubber plant boganvally, jasmine,papaya, guava,banana tree and verious type of herbs for hedging,</i>
	Plan for 2016 : <i>In this monsoon we are going to develop a green belt for plantation of more then 250 trees of different species.</i>
xvi.	<i>All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel Plants should be implemented.</i>
Com	<i>The CREP charter for Steel Plant will be implemented.</i>
xvii.	<i>All the commitments made to the public during the Public Hearing/Public Consultation meeting held on 19th August, 2010 shall be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.</i>

Com	<i>In the year of 2015 – 2016, a budget is allocated as per the commitments made to the public during public hearing.</i>			
xviii.	<i>At least 5% of the total cost of project should be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar Implementation of such program should be ensured accordingly in a time bound manner.</i>			
Com	<i>5% of the total cost of project will earmarked towards the CSR & the plan is under preparation / Progress.It will be provided shortly.</i>			
xix.	<i>The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</i>			
Com	<i>Already the unit has obtained the Consent to Operate certificate for Power Plant, Sinter Plant & Mini Blast Furnace. The details herein below.</i>			
	<i>KIC METALIKS LTD." Consent to Operate " letter No.C0090244 Memo No. 441 - 7/WPBD - Cont (756) /99 Dated 18.03.2016 and valid upto 31.03.2019 (copy enclosed herewith) ANNEXURE - D</i>			
	GENERAL CONDITION			
ii.	<i>No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.</i>			
Com	<i>No further expansion will be taken up beyond the scope of EC.</i>			
iii.	<i>The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The WBPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.</i>			
Com	<i>This is seen that the gaseous emission from Sinter unit & Mini Blast Furnace is conforming to the load/mass based standards. Gaseous emission report enclosed herewith for your perusal. ANNEXURE - E</i>			
iv.	<i>The overall noise levels in and around the plant area shall be kept well within the standards (85dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).</i>			
Com	<i>The noise level study is done & it is seen that the level is well within the standards of 85 dB(A). The Sampling date of Test Report as on 02.12.2015 ANNEXURE - F</i>			
SL.NO.	TIME	LOCATION	MINIMUM (dBA)	MAXIMUM (Dba)
1	12:10 - next day 11:30 AM	BACK SIDE POWER PLANT	69.3	72.5
2	11:00 - 11:20 AM	NEAR SINTER PLANT	55.2	63.8
3	11:00 - 11:20 AM	NEAR MAIN GATE	60.2	69.4
v.	<i>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</i>			
Com	<i>Occupational health very shortly check-up for the period of 2015-2016 details herein below and regular basis and records maintained as per the Factories Act.and also they are covered -under ESIC for medical facilities.(Order copy enclosed herewith for your perusal) ANNEXURE -G</i>			
Sl.No.	Name of Medical Test Examination		Test Nos. of Employee	
1	Digital X-ray		300 Nos.	
2	Pulmonary Funtion Test (PFT)		300 Nos.	
3	E C G		300 Nos.	
4	Blood Test with Grouping		300 Nos.	
5	Eye Test		30 Nos.	

vi.	<i>All the environment management measures given in the EIA/EMP shall be implemented and complied with.</i>
Com	<i>Yes,all the Environment Management measure given in the EIA/EMP are implemented & complied .</i>
vii.	<i>The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.</i>
Com	<i>The system is under implementation. The plan for Rain Water Harvesting first and second phase work complited and third phase is under process.</i>
viii.	<i>Proper house keeping and adequate occupational health programmes shall be taken up as per the Factory Act.</i>
Com	<i>Proper steps towards house keeping & occupational health programmes are taken up as per the Factory Act.</i>
ix.	<i>The company shall undertake eco-development measures including community welfare measures in the project area.</i>
Com	<i>The company has undertaken the plan for implementation of community welfare measures in the project area. (Copy enclosed ANNEXURE - H)</i>
x.	<i>A separate environmental management cell to carry out various management and monitoring functions shall be set up under the control of Senior Executive.</i>
Com	<i>A separate Environmental Management Cell is created to monitor the monitoring & management functions.</i>
xi.	<i>Requisite funds shall be earmarked towards total capital cost and recurring cost/annum for environmental pollution control measures and used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.</i>
Com	<i>Adequate funds is earmarked towards Capital Cost & recurring cost it is under process and Company regularly monitorong pollution control devices ,Community development and CSR activities .Total cost will be provided as early as possoble.</i>
xii.	<i>The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.</i>
Com	<i>The project is being giving the Consent to Operate by WBPCB for Mini Blast Furnace , Sinter Plant ,Cement Plant & Power Plant. The details herein below.</i>
I	<i>KIC METALIKS LTD." Consent to Operate " letter No.C0090244 Memo No. 441 - 7/WPBD - Cont (756)/99 Dated 18.03.2016 and valid upto 31.03.2019 (copy enclosed herewith) ANNEXURE - I</i>
xiii.	<i>A copy of clearance letter shall be sent by the proponent to concerned Panchayat Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.</i>
Com	<i>Done as per the direction.</i>
xiv.	<i>The project proponent shall uplod the status of compliance of the stipulated enviroment clearance condition including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional office of the MOEF,the respective Zonal office of CPCB and the WBPCB. The criteria pollutant levels namely,RSPM, SO₂,NO_x (ambient levels as well as stack emissions) or critical sectoral parameters indicated for the projects shall be monitored and displayed at a convenient location near the Main gate of the Company in the public domain.</i>

<i>Com</i>	<i>Done as per the direction.</i>
<i>xv</i>	<i>The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental condition including results of monitored data (both in hard copies as well as email to the respective regional office of MOEF, the respective zonal office of CPCB and the WBPCB. The regional office of this ministry at Bhubaneswar /CPCB/WBPCB shall monitor the stipulated conditions .</i>
<i>Com</i>	<i>Done as per the direction.</i>
<i>xvi.</i>	<i>The environmental statement for each financial year ending 31st March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by e-mail.</i>
<i>Com</i>	<i>Done as per the direction.(Copy enclosed herewith ANNEXURE - I)</i>
<i>xvii.</i>	<i>The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the W.B. Pollution Control Board and may also be seen at the Website of the Ministry of Environment and Forests at http://envfor.nic.in. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office at Bhubaneswar.</i>
<i>Com</i>	<i>The advertisement is given in two popular news papers No. 1. ANANDA BAZAR PATRIKA and 2. THE STATESMEN published on 19.07.2010 (Details of Expansion and Instalation of plant at Raturia, Durgapur - 15 (copy enclosed herewith ANNEXURE - J)</i>