



ARDENT STEEL LIMITED

CIN - U27310CT2007PLC007671

Ref : ASL/MoEF / 2017-18

Dt. 06.11.2017

The Additional Principal Chief Conservation of Forest,
Ministry of Environment and Forest and Climate Change,
Regional Office, Eastern Zone,
A/3, Chandrasekharapur,
Bhubaneswar - 751 023

Sub : Submission of Compliance Report to Environmental Clearance issued to us .

Ref : E.C. No.J-11011/112/2013-IA II (I), dt.29th March,2016.

Dear Sir,

Please find the point-wise compliance report to the Environmental Clearance issued to us as follows :

S/N	Specific condition as per E.C	Compliance
i)	Periodical medical examination of the workers engaged in the project shall be carried out and records maintained . for the purpose, a qualified doctor should be appointed and schedule of health examination of the workers should be drawn and followed accordingly.	Periodical medical examination of the workers engaged in our plant has been carried out by the qualified doctor and the records of the examination of the workmen is being maintained. Copy of the few medical examination of workmen is attached herewith for reference and record. ANNEXURE -A
ii)	The Project proponent shall ensure supply of safe drinking water to the nearby villages.	The nearby villages of plant viz. Phuljhar, Bhuyan Sahi is being supplied the drinking water through Pipe line and other villages such as Chachana, Balabhadrapur and Munda Sahi is being supplied through tankers.
iii)	The project proponent shall install 24 x 7 air monitoring devices to monitor air emission , as provided by the CPCB and submit to Ministry and its Regional Office.	Installation of 24 x 7 air monitoring device to monitor air emission is under progress.
iv)	Continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic Precipitator (ESP) , bag house, bag filters etc. shall be provided to keep the emission level below 50mg/Nm ³ and installing energy efficient technology.	Air pollution control devices such as ESP, Bag house, Bag filters etc has been provided tom keep the emission level below the standard norms. i.e. 50mg/Nm ³ .



R.O./ Corp. Off. : M/s. Ardent Steel Ltd., F-9 Hira Arcade, Near New Bus Stand, Pandri, Raipur, Chhattisgarh - 492004

B.O. : Plot No. 208, Mining New Colony, Jamuhota, Keonjhar-758001, Odisha, Tel:06766-258257, 258198, Fax:06766-258473

Fact. : Vill. & P.O. - Phuljhar, Via-Suakati, Distt.-Keonjhar, Odisha

S/N	Specific condition as per E.C	Compliance
v	The National Ambient Air quality Emission standard issued by the Ministry vide G.S.R. No. 826(E), dt. 16 th Nov.2009 shall be followed.	Yes , followed.
vi	Gaseous emission levels including secondary fugitive emission from all the sources shall be controlled within the latest prescribed limits issued by the ministry vide G.S.R.414(E) dated 30 th May,2008 and regularly monitored. Guidelines/Code of Pracice issued by CPCB shall be followed.	Yes, followed.
vii	Vehicular pollution due to transportation of raw material and finished products shall be controlled. Proper arrangements shall also be made to control dust emission during loading and unloading of the raw material	Sprinklers has been provided at road sides to control the dust emission during loading and unloading of the raw materials.
viii	'Zero ' effluent discharge shall be strictly followed and no waste water shall be discharged outside the premises.	Yes, followed.
ix	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated waste water shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act, whichever are more stringent.	Yes, followed.
x	Proper handling, storage utilization and dispose of all the solid/hazardous waste shall be ensured and regular report regarding toxic metal content in the waste material and its composition . end use of solid/hazardous waste shall be submitted to the Ministry Regional office, SPCB and CPCB. The proponent shall submit a copy of the agreement with the authorized vendor to the regional office as a part of compliance.	Our plant does not produce any toxic metal.
xi	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per the Factories Act and analysis shall be submitted to the regional office of the Ministry.	The dust generated in our plant is being suppressed by spraying the water through sprinklers in dust generated points. Adequate nos of dust masks is being provided to the workmen working in the dust generated areas.
xii	A time bound action plan shall be submitted to reduce solid waste generated due to the project related activities its proper utilization and disposal.	In our process, a negligible amount of solid waste is being generated and it is being kept separately. At the time of repairing of Roads, the same is being utilized.



S/N	Specific condition as per E.C	Compliance
xiii	Proper utilization of fly ash shall be ensured as per Fly Ashj Notification, 1999 and subsequent amendment in 2003 and 2009. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding shall be submitted to the Ministry's Regional office at Chennai.	Since we are not running the Gasifier unit now, hence no fly ash is being generated.
xiv	A Risk and Disaster Management Plan shall be prepared and a copy submitted to the Ministry's Regional Office, SPCB, and CPCB within 3 months of issue of environmental clearance letter.	The work order has been given to a consultant viz. M/s Centre for Envotech and Management Consultancy Pvt. Ltd of BBSR to prepare the Risk and Disaster Management Plan which is under process. The NLBA Certificate of the Consultant is attached herewith for your reference and record. ANNEXURE - B.
xv	The project proponent shall provide for solar light system for all common areas, street lights parking around project area and maintain the same regularly.	Solar Light system has not been provided. Lights have been provided at all common areas, Street and parking areas of the plant.
xvi	The project proponent shall provide for LED lights in their offices and residential areas	Yes, provided.
xvii	Green Belt shall be developed at least in 33% of the total project area with at least 10 meter wide green belt on all sides along the periphery of the project area and along road sides etc. by planting native and broad leaved species in consultation with local DFO, local community and as per CPCB guidelines.	Out of total plant area of 46.581 Ac, around 10.5 Ac has been developed by planting various trees. The details are annexed as ANNEXURE - C
xviii	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on public Hearing issues, local need and item wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional office. Implementation of such program shall be ensured by constituting a committee comprising of the proponent, representatives of village panchayat and District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office.	The local needs of the villagers have been taken care off. The list of such items are annexed as Annexure -



S/N	Specific condition as per E.C	Compliance
Xix	<p>The proponent shall prepare a detailed CSR plan for every year for the next five years for existing cum expansion project which includes village-wise, sector-wise(Health , Education, Sanitation, skill development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc.) activities in consultation with the local communities and administration. The CSR plan will include the amount of 2% retain annual profits as provided in nthe clause 135 of the Companies Act,2013 which provides for 2% of average net profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the plan shall be submitted as part of the compliance report to RO. The details of the CSR plan shall also be uploaded on the Company website and shall also be provided in the Annual Report of the Company.</p>	<p>Yes, CSR activities is being taken up by the Company. The detailed year-wise Report of CSR activities carried out by the company is attached herewith for your reference and record.</p> <p><u>ANNEXURE -D</u></p>
xx	<p>The Company shall submit within three months their policy towards Corporate Environmental Responsibility which shall inter-alia address (1) Standard operating process / procedure to being into focus any infringement / deviation / violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issue s and ensuring compliance to the environmental clearance conditions and (iii) system of reporting of non-compliance /violation environmental norms to the Board of Directors of the Company and/or stakeholders or share holders.</p>	<p>Standard Operating Process has been prepared and the procedures as per the guide line is being followed.</p>
Xxi	<p>Provision shall be made for the housing of 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, crèches etc. The housing may be in the form of temporary structures to be removed after the completion of the project.</p>	<p>Provisions has been made for the housing of labour with all necessary infrastructure and other facilities such as cooking, toilets, drinking water , medical facilities etc.</p>



GENERAL CONDITIONS

S/N	Specific condition as per E.C	Compliance
i	The Project authority must strictly adhere to the stipulations made by the Odisha Pollution Control Board and the State government.	Yes followed strictly.
ii	No further expansion, modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and climate Change (MoEFCC).	Yes. Agreed.
iii	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM25,SO2, and NOx are anticipated in consultation with the once in six months.	The monthly monitoring system has been taken up by a third party agency who is submitting report regularly. The latest report submitted by them is attached herewith for your reference and record. <u>ANNEXURE -E</u> .
iv	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E), dated 10 th May,1993 and 31 st December 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	Yes, adhere.
v	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 should confirm to the standards prescribed under EPA Rules, 1989 viz 75 dBA (daytime) and 70dBA (night time).	Yes, adhere.
vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Yes, it is being done
vii	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.	We do not utilize any surface water till date. However , Rain water Harvesting and Ground Water Recharge Plan for our plant has been prepared.
viii	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report . further the company must undertake socio-economic development activities in the surrounding villages like community development programmes ,educational programmes, drinking water supply and health care etc .	Yes, it is being carried out as per the need of the local villagers



S/N	Specific condition as per E.C	Compliance
ix	Requisite fund shall be earmarked towards capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by the Ministry of Environment , fo rest and climate change (MoFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	Yes it is being followed.
X	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 suggestion/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.	Yes circulated to panchayat. Acknowledgement copy of the letter received from Sarapanch is attached herewith as <u>ANNEXURE - F</u> .
xi	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEFCC at Bhubaneswar . The respective zonal office of CPCB and the SPCB. The criteria pollutant levels namely PM10, SO2, NOx (ambient level 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.	Yes the compliance report, monitoring report , CSR Activities report are being uploaded periodically.
xii	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEFCC, the respective zonal Office of CPCB and the SPCB. The Regional office of this ministry at Bhubaneswar / CPCB/SPCB shall monitor the stipulated conditions.	Due to closure of plant, the six monthly reports on the status of E.C. could not submitted . Now , it is being submitted.



S/N	Specific condition as per E.C	Compliance
xiii	The environmental statement for each financial year ending 31 st 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 environmental (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 office of the MoEFCC at Bhubaneswar by e-mail.	The Form V also could not submitted due to the reason explained in point No.xii, the same will be submitted immediately.
xiv	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 SPCB and may also be seen at website of Ministry of Environment , Forest and climate change (MoEFCC) at http://envfor.nic.in . This shall 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 should be forwarded to the Regional office at Bhubaneswar.	Yes, it has already been intimated to Public and also submitted a copy of the to the State Pollution Control Board. The copy of the letter submitted to State Pollution Control Board is attached herewith as <u>ANNEXURE - G.</u>
xv	Project authorities shall inform the Regional Office as well as 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.	Financial Closure : 21.10.2008 Financial approval : 21.10.2008 Purchase of 1 st land : 31.05.2008 (the supporting documents are attached herewith as <u>ANNEXURE- H</u>

Hope, you will find the above in line to the compliance conditions :

Thanking you,

Yours faithfully,
For ARDENT STEEL LIMITED



NARASINGH SAHOO
MANAGER (CORPORATE AFFAIRS)

Encl : As above





9/1

ANNEXURE - A

ARDENT STEEL LIMITED

CIN - U27310CT2007PLC007671

Ref : ASL / F & B /2017-18

Dt.03.05.2017

The Asst. Director of Factories & Boiler,
Keonjhar Zone,
Keonjhar

Sub : Submission of annual Health Check up Form 31 (A) under section 41 C of the
Factories Act.

Ref : a) Your letter No.172 (2) , dt.14.03.2017
b) Our earlier letter No. ASL/F & B /2017-18, dt.06.04.2017

Dear Sir,

With reference to above enclosed please find herewith the Annual Health check up in
Form 31 (A) of remaining 91 nos . of our permanent employees duly examined and
signed by Dr. P.C. Swain with his signature and seal. The summary of the health check up
forms are attached herewith for your ready reference and record.

This is for your kind information and necessary action.

Thanking you,

Yours faithfully,
For ARDENT STEEL LIMITED

DILLIP PANI
FACTORY MANAGER

Encl : As above

RECEIVED
For Asst. D.F. & B., Keonjhar

[Handwritten initials]
05-4-17

258

[FORM No. 31-A]
Health Record
(Pre-employment / Periodical)
[Prescribed under rule 62 -I]

ANNEXURE - A

- 1 Name of the factory : Asl
- 2 Name of the Employee : Brahmananda Behera
- 3 Employee Distinguishing Number : 862
- 4 Age of the employee : 36 year
- 5 Identification mark : cut mark is present in left eye
- 6 Nature of the job : Senior fitter in mech Grounding
- 7 Date of Employment : 1-10-2016
- 8 Length of service in years : 7 month
- 9 General Survey :
 - Health : Good / Fair / Poor
 - Height : Cms. 5ft 7"
 - Weight : Kg. 88 kg
- 10 Blood group : B +ve done before.
- 11 Eye Vision
 - Normal / Abnormal
 - Use of glass : Yes/ No
- 12 Hearing : Normal / Abnormal
- 13 Respiratory system and chest Measurement
 - Inspiration 50 cm
 - Expiration 48 cm
 - Respiration rate / min. 19 / min
 - Remarks, if any Not
- 14 Cardiovascular system
 - Pulse rate 90 / min
 - B.P. 135 / 88 mmHg
 - Heart Sound M32 heard
 - Remarks, if any Not
- 15 Abdomen Tenderness : Yes/No
- 16 Nervous System
 - History of Fits : Yes/ No
 - Epilepsy : Yes/ No
 - Remarks on Mental Health Not sound
- 17 Locomotor System : Normal / Abnormal
- 18 Skin Condition : Normal / Abnormal
 - Remarks on any skin disease noticed : Not

19 Hernias : Present/ Absent

20 Hydrocele : Present/ Absent

21 Present complain if any : *NO*

22 Summary of Findings :

Heart Disease: *NO*

Hypertension: *NO*

Diabetes : *NO*

T.B. : *NO*

Epilepsy: *NO*

Poisoning: *NO*

Others : *NO*

Occupational Disease, if any : *absent*

23 Recommendation, if any for any further investigation

Not required

Pratima Mananda Behera
Signature of the employee

[Signature]
27/2/2019
Signature of Medical officer

Dr. P. C. Swain
MBBS (Utkal) AFIH (Mumbai)
I.L.O Radiography (Dhanbad)
OH Physician & Consultant

[FORM No. 31-A]
Health Record
(Pre-employment / Periodical)
[Prescribed under rule 62 -I]

259

ANNEXURE - A

- 1 Name of the factory : ASL
- 2 Name of the Employee : Subhat Klemari Namola
- 3 Employee Distinguishing Number : 816
- 4 Age of the employee : 33 Year
- 5 Identification mark : cut mark is present on right leg
- 6 Nature of the job : penzion filter mechanical core
- 7 Date of Employment : 1-10-2016
- 8 Length of service in years : 17 months
- 9 General Survey :
 - Health : Good / Fair / Poor →
 - Height : Cms. 5ft 6 1/2
 - Weight : Kg. 80 kg
- 10 Blood group : O +ve done before.
- 11 Eye Vision
 - Normal / Abnormal →
 - Use of glass : Yes/ No
- 12 Hearing : Normal / Abnormal
- 13 Respiratory system and chest Measurement
 - Inspiration 38 cm
 - Expiration 36 cm
 - Respiration rate / min. 22/min
 - Remarks, if any Not
- 14 Cardiovascular system
 - Pulse rate 74/min
 - B.P. 124/73 mmHg
 - Heart Sound S1 S2 heard.
 - Remarks, if any Not
- 15 Abdomen Tenderness : Yes/No
- 16 Nervous System
 - History of Fits : Yes/ No
 - Epilepsy : Yes/No
 - Remarks on Mental Health sound
- 17 Locomotor System : Normal / Abnormal
- 18 Skin Condition : Normal / Abnormal
Remarks on any skin disease noticed : Not

19 Hernias : Present/Absent

20 Hydrocele : —Present/Absent

21 Present complain if any : *NET*

22 Summary of Findings :

Heart Disease: *NET*

Hypertension: *NET*

Diabetes : *NET*

T.B. : *NET*

Epilepsy: *NET*

Poisoning: *NET*

Others : *NET*

Occupational Disease, if any : *absent*

23 Recommendation, if any for any further investigation
not required

Seeratiranan Nanda
Signature of the employee

[Signature]
27/2/2019
Signature of Medical officer
Dr. P. C. Swain
MBBS (Utkal) AFIH (Mumbai)
I.L.O Radiography (Dhanbad)
OH Physician & Consultant



NABL

National Accreditation Board for Testing and Calibration Laboratories

(An Autonomous Body under Department of Science & Technology, Govt. of India)

CERTIFICATE OF ACCREDITATION

CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD. (LAB DIVISION)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

Plot No. 800/1274, Johal, Pahal, Bhubaneswar, Odisha

in the discipline of

CHEMICAL TESTING

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Certificate Number T-4144

Issue Date 22/09/2016



Valid Until 21/09/2018

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the additional requirements of NABL.

Signed for and on behalf of NABL

N. Venkateswaran

N. Venkateswaran
Program Manager

Anil Relia

Anil Relia
Director

S.K. Joshi

Prof. S. K. Joshi
Chairman

ANNEXURE - C

PLANTATION STATUS OF M/S ARDENT STEEL LIMITED UNDER JURISDICTION OF REGIONAL OFFICE, SPCB, KEONJHAR UPTO 2014-15

Sl.No	Name & Address of the Industry/Mines	Total Area acquired by the Industry (Hecters)	Plantation till the year 2011-12 (nos)	Plantation till the year 2012-13 (nos)	Plantation till the year 2013-14 (nos)	Plantation till the year 2014-15 (nos)	Total Plantation (Nos)	Area covered under plantation during the year 2011-12 (Ha)	Area covered under plantation during the year 2012-13 (Ha)	Area covered under plantation during the year 2013-14 (Ha)	Area covered under plantation during the year 2014-15 (Ha)
	(a)	(b)	(c)	(d)	(e)	(f)	(f)	(f)	(g)	(h)	(i)
1	ARDENT STEEL LIMITED PLOT NO.208, NEW COLONY, JAMUHATA, KEONJHAR	18.63	950	1150	1800	2500	6400	1.5 Ac	2.0 Ac	3.0Ac	4.0 Ac

Total Area covered under plantation (Ha)	Name & Address of the Agency /Source of tree saplings	Plantation in other area, if any (excluding plant premises /mine lease hold area)
(j)	(k)	(l)
10.5 Ac or 4.2 Ha	Sankar Nursery, Keonjhar	NIL



(Handwritten Signature)

Signature

Details of CSR Activities undertaken year wise & completed by M/S ARDENT STEEL LIMITED.

NAME OF THE INDUSTRY : ARDENT STEEL LIMITED

ADDRESS FOR CORRESPONDENCE : PLOT NO. 208, NEW COLONY, JAMUHATA, DIST : KEONJHAR, ODISHA

LOCATION OF THE UNIT : VILL : PHULJHAR, VIA : SUAKATI, BLOCK - BANSPAL, DIST : KEONJHAR

DURING THE YEAR 2009-10

ANNEXURE - D

S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
1	Electrification works: Electric poles / electric wires / transformers / domestic wirings and fittings to the villagers of Phuljhar.	Completed	3262640.00	Electrification
2	Free medicines for (Anti cholera, viral fever, acidity, & etc) are regularly being provided to the people of village Phuljhar & nearby villages, through our experienced pharmacist.	Continuation	117791.00	Health Service
3	Puja/Religious Festivals / Cultural Programme etc: Ardent Steel co-ordinates with different peoples of area and tries to promote their various cultural programmes & futher cop up with them in similar activities to an extent.	Completed	205457.00	Cultural
4	Ambulance Facility: One ambulance is solely dedicated to the villagers of this area as a means of conveyance from village Phuljhar to Keonjhar Hospital etc.	Completed	448741.00	Health Service
5	Six Numbers of water tankers having capacity 38000 litres x 4 trips peer day = 152000 litres of water dedicated to villagers of nearby villages in order to provide for drinking waters.	Completed	1072000.00	Water supply
6	Training & Education: Numbers of teachers have been sponsored to various schools of nearby villages by Ardent Steel Management.	Completed	154821.00	Education
7	Promotion of sports activities to the students of the nearby area	Continuation	63000.00	Sports
TOTAL EXPENDITURED ----->			5324450.00	



DURING THE YEAR 2010-11

S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
1	Puja/Religious Festivals / Cultural Programme etc: Ardent Steel co-ordinates with different peoples of area and tries to promote their various cultural programmes & further cop up with them in similar activities to an extent.	Completed	255147.00	Cultural
2	Water tankers are dedicated to villagers for providing drinking waters.	Completed	1035874.00	Water Supply
3	Training & Education: Numbers of teachers have been sponsored to various schools of nearby villages by Ardent Steel Management.	Completed	263124.00	Education
4	Promotion of sports activities to the students of the nearby area	Continuation	63120.00	Sports
TOTAL EXPENDITURED ----->			1617265.00	



DURING THE YEAR 2011-12

S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
1	Free medicines for (Anti cholera, viral fever, acidity, & etc) are regularly being provided to the people of village Phuljhar & nearby villages, through our experienced pharmacist.	Continuation	265261.00	Health
2	Puja/Religious Festivals / Cultural Programme etc: Ardent Steel co-ordinates with different peoples of area and tries to promote their various cultural programmes & futher cop up with them in similar activities to an extent.	Completed	33045.00	Cultural
3	Ambulance Facility: One ambulance is solely dedicated to the villagers of this area as a means of conveyance from village Phuljhar to Keonjhar Hospital etc.	Completed	1940681.00	Health
4	water tankers are dedicated to villagers for providing drinking waters.	Completed	1060307.00	Water supply
5	Training & Education: Numbers of teachers have been sponsored to various schools of nearby villages by Ardent Steel Management.	Continuation	234582.00	Education
6	Promotion of sports activities to the students of the nearby area	Continuation	77500.00	Sports
7	Erection & commissioning of Over Head Water Tank with a capacity of 40,000 ltrs at village Phuljhar & provided drinking water facilities to villagers at different points through underground pipe line systems.	Completed	1650000.00	Water supply
8	Construction of Durga & Radha Krishna temple at village Phuljhar.	In Progress	132413.00	Cultural



S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
9	Excavation of well (2 nos.) at Banspal Block as per order of Hon'ble Collector, Keonjhar.	Completed	104200.00	Water supply
10	Excavation of ponds as per requirement of villages for storage of rain water during their needy hours in different locations of the nearby Ardent Steel Ltd.	Completed	603500.00	Water supply
11	Excavation of bore well (7 Nos.) with hand pumps at village Balabhadrapur , Kaliapal, Itapokhari, Rangamatia & its maintenance.	Completed	685000.00	Water supply
12	M/s Ardent Steel Ltd. had undertaken the village road repairing work from village Phuljhar, Balabhadrapur (Chhachna) to Jagdala Dam on the basis of Panchayat's demand & resolution passed by Malda Sarpanch, for a measuring distance about 9-10 km approximately. Accordingly the base for road construction by deploying a civil contractor.	Completed	43031641.00	Road construction
TOTAL EXPENDITURE ----->			49818130.00	



DURING THE YEAR 2012-13

S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
1	Free medicines for (Anti cholera, viral fever, acidity, & etc) are regularly being provided to the people of village Phuljhar & nearby villages, through our experienced pharmacist.	Continuation	297378.00	Health
2	Puja/Religious Festivals / Cultural Programme etc: Ardent Steel co-ordinates with different peoples of area and tries to promote their various cultural programmes & futher cop up with them in similar activities to an extent.	Continuation	246421.00	Cultural
3	Ambulance Facility: One ambulance is solely dedicated to the villagers of this area as a means of conveyance from village Phuljhar to Keonjhar Hospital etc.	Continuation	282704.00	Health
4	water tankers are dedicated to villagers for providing drinking waters.	Continuation	851141.00	Water supply
5	Training & Education: Numbers of teachers have been sponsored to various schools of nearby villages by Ardent Steel Management.	Continuation	217723.00	Education
6	Promotion of sports activities to the students of the nearby area	Continuation	87595.00	Sports
7	Excavation of bore well (1 Nos.) with hand pumps at village Phuljhar Majhi Sahi & its maintenance.	Completed	185000.00	Water supply
8	Financial help for the construction of Hanuman Mandir against the humble demand from committee members of New Colony with Mr. Subarna Naik (MLA).	Completed	80203.00	Cultural



S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
9	Financial help for the construction of Shani Mandir, inside the premises of Nesco Office, Keonjhar near SBI main branch. against the humble demand.	Completed	50000.00	Cultural
10	Flooring, Construction of roof, electrification with light fixtures & fans etc. of Adivasi Girls School, Raisuan against the humble demand from Adivasi committee.	Completed	600000.00	Education
11	Blood donation camp was conducted by M/s Ardent Steel Ltd. on dtd. 02.10.2012 with the supporting help of Red Cross, Blood Bank, Keonjhar.	conducted	17139.00	Health
12	M/s Ardent Steel Ltd. undertaken the village road repairing work from village Phuljhar, Balabhadrapur (Chhachna) to Jagdala Dam on the basis of Panchayat's demand & resolution passed by Malda Sarpanch, for a measuring distance about 9-10 km approximately. Accordingly the base for road construction by deploying a civil contractor.	Completed	69348406.00	Road Construction
TOTAL EXPENSITURED ----->			72263710.00	



DURING THE YEAR 2013-14

S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
1	Free medicines for (Anti cholera, viral fever, acidity, & etc) are regularly being provided to the people of village Phuljhar & nearby villages, through our experienced pharmacist.	Continuation	301000.00	Health
2	Puja/Religious Festivals / Cultural Programme etc: Ardent Steel co-ordinates with different peoples of area and tries to promote their various cultural programmes & futher cop up with them in similar activities to an extent.	Continuation	348000.00	Cultural
3	Ambulance Facility : Expenses of Ambulance vehicle for the villagers of this area as a means of conveyance from village Phuljhar to Keonjhar Hospital	Continuation	288000.00	Health
4	water tankers are dedicated to villagers for providing drinking waters.	Continuation	1247169.00	Water Supply
5	Training & Education: Numbers of teachers have been sponsored to various schools of nearby villages by Ardent Steel Management.	Continuation	295242.00	Education
6	Promotion of sports activities to the students of the nearby area	Continuation	91000.00	Sports
7	M/s Ardent Steel Ltd. undertaken the village road repairing work from village Phuljhar, Balabhadrapur (Chhachna) to Jagdala Dam on the basis of Panchayat's demand & resolution passed by Malda Sarpanch, for a measuring distance about 9-10 km approximately. Accordingly the base for road construction by deploying a civil contractor.	Completed	50433094.00	Road Construction
TOTAL EXPENSITURED			53003505.00	



DURING THE YEAR 2014-15

S/N	Details of Projects/activities under taken	Present Status	Fund utilised during the year for periphery development & CSR activities	Field
1	Free medicines for (Anti cholera, viral fever, acidity, & etc) are regularly being provided to the people of village Phuljhar & nearby villages, through our experienced pharmacist.	Continuation	301182.00	Health
2	Financial Aid to Balbhadrapur (Chhachana) village against the demand of SSG for the construction of community hall at their village Rs.1,00,000.00 (Approx.)	Completed	100000.00	Culture
3	water tankers are dedicated to villagers for providing drinking waters.	Continuation	1345000.00	Water Supply
4	Puja/Religious Festivals / Cultural Programme etc: Ardent Steel co-ordinates with different peoples of area and tries to promote their various cultural programmes & futher cop up with them in similar activities to an extent.	Continuation	3215000.00	Religious
5	Ambulance Facility : Expenses of Ambulance vehicle for the villagers of this area as a means of conveyance from village Phuljhar to Keonjhar Hospital	Continuation	282704.00	Health
6	Training & Education: Numbers of teachers have been sponsored to various schools of nearby villages by Ardent Steel Management.	Continuation	361508.00	Education
7	Promotion of sports activities to the students of the nearby area	Continuation	93590.00	Sports
TOTAL EXPENDITURED ----->			5698984.00	





o/c

ANNEXURE - E
ARDENT STEEL LIMITED
CIN - U27310CT2007PLC007671

Ref: ASL/Pollution /2017-18

Dt.04.11.2017

The Regional Officer,
State Pollution Control Board,
Keonjhar Region,
Keonjhar

Sub : Submission of Monthly Environmental Monitoring Report.

Dear Sir,

Enclosed please find herewith the copy of the monthly Environmental Monitoring Report of our industry for the month of **October.2017** conducted by our authorized Consultant viz. M/s Centre for Envotech and Management Consultancy Pvt. Ltd, BBSR for your reference and record.

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,
For ARDENT STEEL LIMITED

NARASINGH SAHOO
MANAGER (CORPORATE AFFAIRS)

Encl: As above



ENVIRONMENTAL MONITORING REPORT

ANNEXURE -

Of

M/s ARDENT STEEL LTD

Keonjhar, Odisha

OCTOBER-2017



CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

An ISO 9001:2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF (Wildlife) & CWLW, Odisha Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India) MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Reference No : CEMC/ASL/Oct-SE SW-02/17
 Name of Company : Ardent Steel Ltd.
 Date of Sampling : 04-10-2017
 Sample Description : Surface Water
 Date of Receipt : 05-10-2017
 Date of Start Analysis : 05-10-2017
 Sample Collected by : Sagar Singha
 Sample Location : Reservoir

SURFACE WATER TEST REPORT

Sl. No	PARAMETER	UNIT	GSR 422E STANDARDS	Result
1	Colour	Hazen	--	22
2	Odour	-	--	UO
3	pH Value @ 25°C	-	5.5-9.0	5.84
4	Total Dissolved Solid	mg/l	2100	193
5	Iron as Fe	mg/l	3.0	1.47
6	Sulphate as SO ₄	mg/l	1000	67.2
7	Nitrate as NO ₃ ⁻ -N	mg/l	50	19.1
8	Boron as B	mg/l	2.0	0.2
9	BOD for 3 days @ 27°C	mg/l	30	4.8
10	COD	mg/l	250	32

N.B: U/O- Un-objectionable

Authorized Signatory

Notes:

- The result relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.



Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
 E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,



CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

An ISO 9001:2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha
Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF (Wildlife) & CWLW, Odisha
Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India)
MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Reference No : CEMC/ASL/Oct-SE GW-01/17
Name of Company : Ardent Steel Ltd.
Date of Sampling : 04-10-2017
Sample Description : Ground Water
Date of Receipt : 05-10-2017
Date of Start Analysis : 05-10-2017
Sample Collected by : Sagar Singha
Sample Location : Office Site Bore Well

GROUND WATER TEST REPORT

Sl. No	PARAMETER	UNIT	Desired Limit of drinking water (BIS:10500:2012)	Permissible Limit of drinking water (BIS:10500:2012)	Result
1	Colour	Hazen	5	15	<5
2	Odour	-	Agreeable	Agreeable	AL
3	Taste	-	Agreeable	-	AL
4	Turbidity	NTU	1	5	<1
5	pH Value @ 25°C	-	6.5-8.5	No Relaxation	6.73
6	Total Dissolved Solid	mg/l	500	2000	309
7	Alkalinity as CaCO ₃	mg/l	200	600	79
8	Total Hardness as CaCO ₃	mg/l	200	600	102
9	Iron as Fe	mg/l	0.3	No Relaxation	0.23
10	Nitrate as NO ₃ ⁻ -N	mg/l	45	No Relaxation	4.9
11	Sulphate as SO ₄	mg/l	200	400	9.7
12	Fluoride as F	mg/l	1.0	1.5	0.24
13	Calcium as Ca	mg/l	75	200	32.06
14	Chloride as Cl ⁻	mg/l	250	1000	29.3

N.B: AL – Agreeable

Authorized Signatory
Notes:

- The result relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.



Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: cemclab@yahoo.in, Mobile: 7752014842



CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

An ISO 9001-2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha
Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF (Wildlife) & CWLW, Odisha
Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India)
MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Reference No : CEMC/ASL/Oct-SE S-01/17
Name of Company : Ardent Steel Ltd.
Sample Description : Stack Monitoring
Date of Monitoring : 04-10-2017
Date of Receipt : 05-10-2017
Date of Start Analysis : 05-10-2017
Sample Collected by : Sagar Singha
Stack Height : 30m

STACK EMISSION REPORT

Sl. No.	Location of Sampling	Flue Gas Temp. in K	Concentration of Particulate Matter (PM) in mg/Nm ³
			Result
01	ESP	405	54.8


Authorized Signatory



Notes:

- The results relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: cemclab@yahoo.in, Mobile: 7752014842



CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

An ISO 9001:2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF (Wildlife) & CWLW, Odisha Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India) MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Reference No : CEMC/ASL/Oct-N-01/17
Name of Company : Ardent Steel Ltd
Sample Description : Noise Monitoring Report
Date of Monitoring : 04-10-2017
Date of Receipt : 05-10-2017
Sample Collected by : Sagar Singha

NOISE LEVEL STUDY REPORT

Sl. No.	Location	Noise Level In Day Time dB(A)	Noise Level In Night Time dB(A)
01	Ball Mill (Cool Grinding)	74.8	69.1
02	Raw Material Transfer point of Mixture (Mixture Building)	72.3	67.7

NATIONAL STANDARD NOISE LEVEL

Area Code	Category of Area/Zone	Permissible Limit in dB (A)	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40


Authorized Signatory



Notes:

- The results relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: cemclab@yahoo.in, Mobile: 7752014842



CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.


An ISO 9001:2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha
Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF (Wildlife) & CWLW, Odisha
Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India)
MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Reference No : CEMC/ASL/Oct-A-02/17
Name of Company : Ardent Steel Ltd
Sample Description : Fugitive Air
Date of Monitoring : 04-10-2017
Date of Receipt : 05-10-2017
Date of Start Analysis : 05-10-2017
Sample Collected by : Sagar Singha

FUGITIVE EMISSION TEST REPORT

Sl. No.	LOCATION	RESULT	
		RSPM ($\mu\text{g}/\text{m}^3$)	SPM ($\mu\text{g}/\text{m}^3$)
1	Proportioning System (Ash & Coke Fines Bunker)	189	732
2	Raw Material Transfer point of Mixture (Mixture Building)	202	911
3	Ball Mill (Cool Grinding)	181	774
4	Ball Mill (Flux & Coke Grinding)	213	942
5	Finished Product Transfer points and plant de-dusting system	109	563
6	Travelling Grate & Rotary Kiln	112	618
MoEF Standard		--	2000 ($\mu\text{g}/\text{m}^3$)*

* The standard is applicable at 10 m distance from the source


Authorized Signatory
Notes:



- The results relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: cemclab@yahoo.in, Mobile: 7752014842



CENTRE FOR ENVOTECH AND MANAGEMENT CONSULTANCY PVT. LTD.

An ISO 9001-2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF (Wildlife) & CWLW, Odisha Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India) MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

Reference No : CEMC/ASL/Oct-A-01/17
 Name of Company : Ardent Steel Ltd
 Sample Description : Ambient Air
 Date of Monitoring : 04-10-2017
 Date of Receipt : 05-10-2017
 Date of Start Analysis : 05-10-2017
 Sample Collected by : Sagar Singha

AMBIENT AIR QUALITY TEST REPORT (24 HOURLY AVERAGE)

Sl. No.	LOCATION	MONITORING REPORT					
		PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)	NH ₃ ($\mu\text{g}/\text{m}^3$)
1	At the boundary near the water harvesting pond (East Direction)	53.4	26.7	13.1	16.3	<0.3	<20
2	At the Boundary near ESP (South Direction)	51.8	25.5	13.3	16.6	<0.2	<20
3	At the Boundary near Coal Fines Stock yard (North Direction)	58.9	29.1	13.6	16.9	<0.4	<20
NAAQ Standard		100 ($\mu\text{g}/\text{m}^3$)	60 ($\mu\text{g}/\text{m}^3$)	80 ($\mu\text{g}/\text{m}^3$)	80 ($\mu\text{g}/\text{m}^3$)	4.0 (mg/m^3)	400 ($\mu\text{g}/\text{m}^3$)

Authorized Signatory:
 Notes:



- The results relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.

Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
 E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
 E-mail: cemclab@yahoo.in, Mobile: 7752014842



ACCREDITATION AND EMPANELMENT

Centre for Envotech and Management Consultancy Pvt. Ltd.

An ISO 9001-2015, OHSAS 18001:2007 & ISO 14001-2015 Certified Company,

Empanelled with:

- State Pollution Control Board (SPCB), Odisha as Environment Consultant under category –'A'.
- Orissa Construction Corporation Limited (OCCL) as Associated Consultant for carrying out EIA, FDP, Preparation of Wildlife Management Plan, GIS map, Socioeconomic survey, DGPS & ETS survey.
- Orissa Space Application Centre (ORSAC) for carrying out DGPS & ETS survey.
- Office of the Principal Chief Conservator of Forest (Wildlife) & Chief Wildlife Warden [PCCF (Wildlife) & CWLW], Odisha for preparation of Site Specific Wildlife Management Plans.

Accredited by:

- NABET, QCI for EIA Studies as 'A' Category Consultant Organization.
- NABL Accreditation Lab.

Enlisted in:

- Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India) for carrying out EIA, Waste Management & Audit, Turnkey solution of ETP & STP, Site Specific Wildlife Conservation Plan & Forest Diversion Proposals.

Regd. Office: 1st Floor, N-5/305, IRC Village, Nayapalli, Bhubaneswar– 751015, Odisha

Tele: 0674 - 2360344, 9861032826

E-mail: cemc_consultancy@yahoo.in, Website: www.cemc.in



ANNEXURE - F
ARDENT STEEL LIMITED
CIN - U27310CT2007PLC007671

Ref : ASL / Environment / 2016-17

Dt.01.04.2016

The Sarapanch,
Phuljhar Gram Panchayat,
Phuljhar

Sub : Submission of Environmental Clearance Letter.

Ref : E.C. No. J-11011/112/2013-IA II (i), dt.29.03.2016

Dear Sir,

With reference to above we are pleased to inform you that we have been granted the Environmental Clearance for our Iron Ore Pelletising Plant of 0.6 MTPA located at Vill : Phuljhar, Tehsil : Banspal, Disitric : Keonjhar from Ministry of Environment, Forest and Climate Change (I.A. Division) , Govt. of India, New Delhi .

A copy of the said Environmental Clearance letter is attached herewith for your reference and record. Kindly acknowledge the receipt of the same.

This is for your kind information.

Thanking you,

Yours faithfully,
For ARDENT STEEL LIMITED


NARASINGH SAHOO
DY.MANAGER (LIASION)

Encl : As above

Received the Letter with
E-C letter of 01.04.2016.


Sarapanch
Phuljhar Gram Panchayat
Phuljhar



o/c

ANNEXURE - G
ARDENT STEEL LIMITED

Ref : ASL/Pollution /2016-17

Dt.01.04.2016

The Member Secretary,
State Pollution Control Board, Odisha,
Bhubaneswar

Sub : Submission of Environmental Clearance letter under EIA Notification, 2006

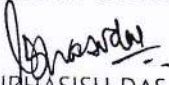
Ref : Our letter No.ASL/Pollution/2015-16, dt.14.03.2016

Dear Sir,

With reference to our above mentioned letter, enclosed please find herewith the copy of the Environment Clearance letter dt.29.03.2016 issued in favor of our industry by Ministry of Environment, Forest and Climate change (I.A. Division), New Delhi for your reference and record.

Thanking you,

Yours faithfully,
For ARDENT STEEL LIMITED


DR. SUBHASISH DAS
DIRECTOR

Encl : As above

Copy to : The Regional Officer,
State Pollution Control Board,
Keonjhar for information and record.





CANARA BANK
TELIBANDHA BRANCH
B F ROAD RATPUR (CG)

To,
M/s Ardent Steel Ltd
R R - 12 Near Peeragashi Chowk
Mianwali Nagar, Delhi, Kohtak Road
New Delhi-110087

Dear Sir,

Sub: Sanction of Credit limits proposal dated 11-07-2008
Ref: NGCD/CCG/CR-ARDENT/9-211/08/PCM DATED 21-10-2008

We are pleased to convey the sanction accorded by our C & MI, on terms and conditions set out herebelow:

- 1) Nature of Facility : Fund Based

- Term Loan : Rs.45.00 Crores
Sub Limit FLC (ST): Rs.35.00 Crores
- Non Fund Based

- Bank Guarantee (ST) : Rs.10.00 Crores
Total Limit (FB +NFB) : Rs.55.00 Crores
- 2) Rate of Interest :
Term Loan : BPLR + 1% till COD
: BPLR after COD, floating, monthly compounded
- 3) Margin : 33.17% (Rupees 94.69 Crores)
- 4) Security :
- Prime 1. : 1st Charge on hypothecation of plant & Machinery, equipment, Furnitures & Fixtures, Structures, Other movable assets present and future Valued Rs.106.94 Crores.
2. : 1st charge on remaining Misc Fixed Assets of the company Rs.3.25 Crores.
3. : 1st Charge on ERI of 50.00 Acres of land at village & PO Phulihar, via Unalati, Dist: Keonjhar (Orissa) and building/Works/Projects to be constructed there on for 35.35 crores. Total Rs.145.54 Crores.

Collateral Security :

1) Hypothecation of entire Current Asset consisting of Raw Materials, SIP, finished Goods, Stores & Spares etc. (Present and future)

2) Hypothecation of Book Debts/Receivables (Present & Future)

Personal Guarantee : (1) Sanjay Gupta Networth Rs.6.70 Crores
(2) B.L.Agarwal Networth Rs.13.45 crores

Corporate Guarantee : M/s Endawari Power & Irons Ltd Networth of Rs.205.10 Crores (Fill the date of Project Commercial Operation date .)

5) Purpose : To undertake project for setting up Iron ore pelletisation plant at Vaidar & P. Paulghar, Via-Sukasi, Keonjhar district in Orissa with Total Project cost of Rs.164.80 Crores under Construction under our leadership.

6) Repayment : Repayable in 66 monthly Instalment commencing from October 2010 as Follows:

Number of Monthly Instalments	Repayment Towards Term Loan with our Bank.		
	No. of Monthly Instalments	monthly Instalment	Total Repayment
2009-2010 2nd Half	Moratorium	---	---
2010-2011 1st Half	Moratorium	---	---
2010-2011 2nd Half	6	68.15	408.90
2011-2012	12	69.15	817.80
2012-2013	12	68.15	817.80
2013-2014	12	68.15	817.80
2014-2015	12	68.15	817.80



2015-2016	12	68.17	819.90
Total	66		4500.00

* Last Instalment being Rs.70.25 Lacs. Interest to be recovered as and when debited.

- 7) Commencement of Repayment : October 2010
- 8) Repayment ends : March 2016
- 9) Moratorium Period : Till September 2010. 24 Months
- Tenor : 7 years 6 months
(12 months project implementation period + 12 month after commencement of commercial operation + 5 years 6 months)
- 10) Upfront Fee : 75% of applicable rate as per HO Circular 96/07 i.e. 1.25 % (i.e. 0.93% of loan amount)
25% Concession.
- 11) Pre-disbursement Condition: The disbursal of the loan is subject to acquiring of land to the full extent (50.00 Acres) & conversion of Agriculture land for Industrial use.
- 12) To commence on completion of financial closure and shall not go beyond the date of commencement of repayment. In stages according to progress of work directly to the suppliers/contractors.
- 13) Draw Down : Drawdown schedule for availment of term loan on various milestones should be obtained from the company before permitting first disbursement.
- 14) PIPR : PIPR to be submitted quarterly, March, June, September & December till completion of the project.
- 15) Bank Guarantee : Single Transaction.
- Amount : Rs.10.00 Crores (Rupees Ten Crores Only)
- Purpose : Guarantee to be provided to customs Authorities for import of machineries under export obligation scheme.
- Margin : Cash Margin of 15%
- Period : Not exceeding 3 years
- Claim Period: Maximum six months
- Concession : 50% of applicable commission as per HO Cir 96/07 Processing Charges, Documentation Charge & Other Charges as per Cir 96/07.

FLC : DA/DP. SINGLE TRANSACTION (SUB LIMIT UNDER TERM LOAN)

Amount : Rs.35.00 Crores

Purpose : For opening Foreign Irrevocable Documentary letters of Credit on DA/DP basis towards imports of Equipments/Machineries. Bills under FLC to be retired by debit to proposed Term Loan limit.

Margin : As applicable to term loan

Period of LC: Not to exceed 90 days.

Usance Period: Not to exceed 180 days.

Commission : 50% of Applicable Commission.

Special Conditions:

- 1) Cost escalation if any, to be met by the Company/Promoters from their own sources.
- 2) Ensure that all permissions/statutory approvals are in place for setting up the proposed project.

Other General Conditions:

1. Certificate from Chartered Accountant shall be Submitted w.r.t. the cost incurred till date and also bringing in equity by the promoters and source of fund.
2. Present authorised Share Capital of the company is Rs.50.00 lakhs, which will be subsequently increased in due course.CA certificate to this effect to be submitted to us.
- 3.Ensure overall Debt Equity ratio of 2:01 is maintained at all time/at every stage of disbursement.
- 4.The process of disbursement shall be up to the date of completion of project as evidenced by project Completion Certificate to be Submitted.
5. Failure in timely repayment of loan instalments & servicing of interest, penal interest to be charged at the rate of 2%per annum over and above the applicable RBI and / or at such rate to be decided by the bank from time to time.
- 6.A report on the project impleatation will be submitted from CA/Engineer and the fund will be disbursed in phases on receipt of the report from the CA/ engineer. The cost of appointment of CA/LIE will be borne by the company.



PAGE NO: 5

7. Prepayment Charges is applicable @2% on outstanding Liability in case of premature repayment of Term Loan (As per HO Cir.96/2007).
8. The directors should not make any drastic change in the management set up without the Bank's permission.
9. The promoters /Directors will keep the bank informed of the happening of any event likely to have a substantial effect on their operations, sales, profits etc and the remedial steps proposed to be taken by the unit.
10. This sanction is valid for a period of six months.
11. All prime/collateral securities are to be adequately insured against Comprehensive under Bank Clause.
12. Our charges should be got registered with ROC within the stipulated period.
13. 1% Commitment charges is applicable towards non utilization of credit limit as per HO Circular 96/2007.
14. Limits if not availed within six months shall stand cancelled unless specific permission is obtained for extension of validity of this sanction.
15. Submit the latest ITAG, Personal Balance Sheet, Networth Computation of all the four guarantors.
16. Limits if not availed within 6 months shall stand cancelled unless specific permission is obtained for extension of validity of this sanction.
17. Company to pass on prorata share of business under LC/Guarantee/Ancillary/Foreign Exchange/Deposit of our bank.
18. The Promoters of the company should give a declaration that they will not offload the shares when the loan/liability with the bank is outstanding.
19. Prior permission of sanctioning authority is to be obtained in cases such as merger, amalgamation, takeover etc., involving our interest.
20. The Company should pass a resolution under section 292/293 of the Companies Act as to the borrowing powers and other details, duly specifying the extent of borrowings and the persons authorized to execute the loan documents.
21. Common seal of the company should be affixed wherever necessary.



PAGE NO:6

27. A fresh resolution under Section 292 is to be submitted in case the total borrowings of the company exceeds the total of its paid-up capital and free reserves.

The Borrowing company to undertake for the following:

- a) Not to divert bank borrowings/working capital funds.
- b) Not to undertake any new project/scheme unless expenditure on such expansion is covered by company's net cash accruals after providing for dividends, investments etc. or for long term uses for financing such new projects or expansion without permission of Bank/consortium.
- c) The company as well as the guarantors to undertake stating that no consideration whether by way of commission/brokerage/fees in any form will be paid by the former or received by the latter directly or indirectly.
- d) To the effect that the company will not declare or pay any dividend without permission of the financing Banks/consortium.
- e) Stock audit/Fixed Asset valuation shall be done at periodical intervals as per Bank's prescribed norms and the charges shall be borne by the company.
- f) The credit facilities are at the discretion of Bank and Bank reserves the right to alter, modify, vary or withhold the credit facilities in full or part without assigning any reason. The sanction does not vest in any one the right to claim any damage against the Bank for any reason whatsoever.
- g) The rate of interest and other conditions are subject to change from time to time as per the guidelines issued by the bank from time to time and notified in the Notice Board of the Bank.
- h) All the terms and conditions as applicable to the category of advance as per MOI on working Capital and term loan and other MO circular issued from time to time.

As per orders of C & MD dated 17-10-2008

Yours faithfully

केनरा बैंक

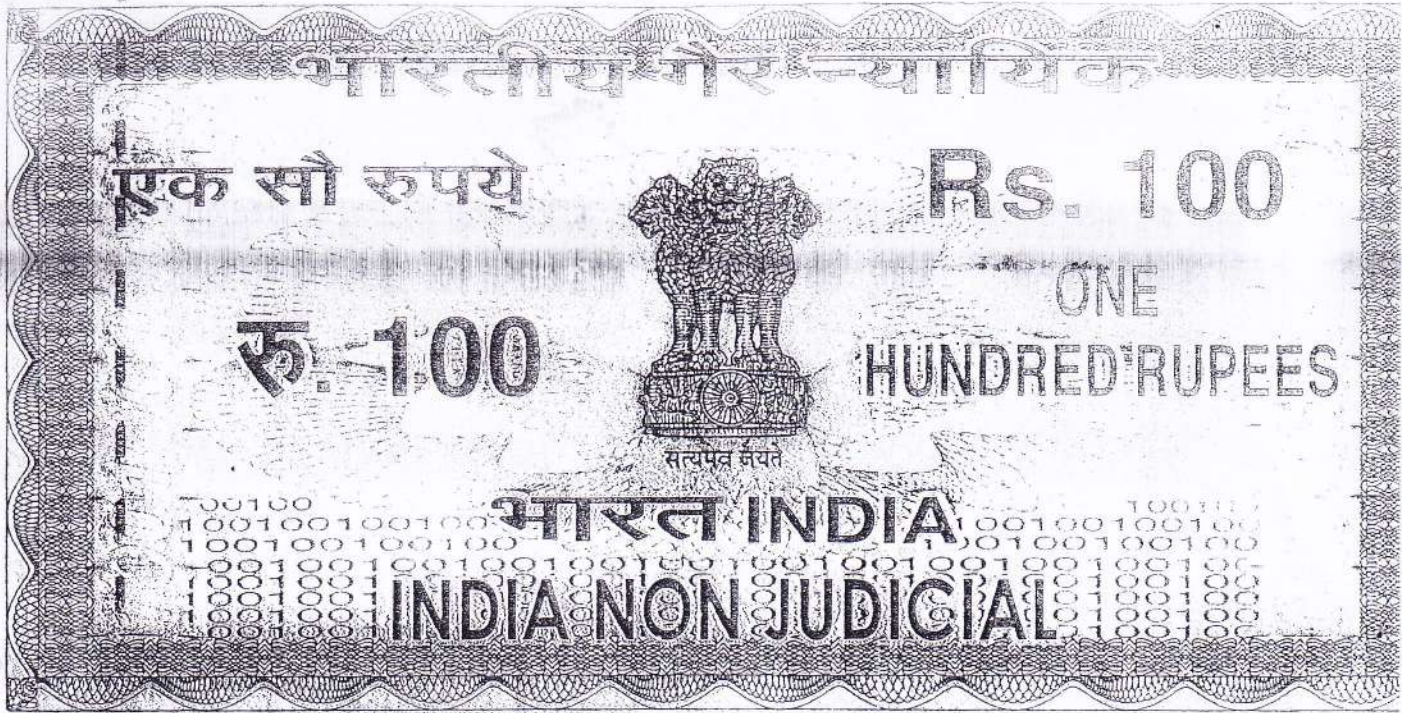
CANARA BANK

मुख्य प्रबंधक/Chief Manager

जी. ई. रोड, तेलिबन्धा, रायपुर (C.G.)

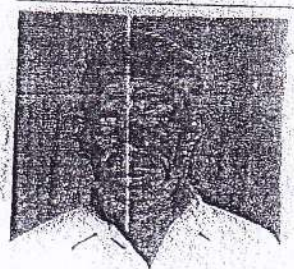
G.E. Road, Telibandha, Raipur (C.G.)

Terms and Conditions accepted
and agreed.



उड़ीसा ORISSA
 (C) 533 Anwar
 No. 98
 Telkoi Dist. Keonjhar

A 76173



31.5.07

1)	6960.00
199	24.00
192	4.00
72	2.00
491	10.00
b	60.00
<hr/>	
	7060.00

Handwritten signature in Odia script.

LI
 Ballo
 Khuntia

DEED OF SALE

Name and Address of the Seller:

Balabha Khuntia aged about 65 years & Sankarsan Khuntia aged about 45 years sons of late Pandu Khuntia residents of Village Phulajhar, P.S. Nayakote, Tehsil. Telkoi Dist.: Keonjhar (Orissa), by occupation- Cultivation, by caste- 'Gopal'

Handwritten notes and signatures in Odia script, including a date '11/05/07'.

भारतीय गैर न्यायिक

एक सौ रुपये

रु. 100



सत्यमेव जयते

भारत INDIA
INDIA NON JUDICIAL

100

761736

उड़ीसा ORISSA



श्री श्री के.के.एस. गुप्ता

Name and Address of the Purchaser:

"M/S ARDENT STEEL LIMITED", having its Regd. Office at RR - 12, Mianwali Nagar, Near Peeragarhi Chowk, New Delhi - 110 041 being represented through its Managing Director Sri Sanjay Gupta, aged about 35 years, Son of Sri Hari Kishan Gupta, resident of C 1/42, Rajasthali Appartment, Pitham Pura, New Delhi-110 034.

Kind of Deed:- Sale Deed.

Consideration Money:- Rs.3,48,000 /- (Rupees Three Lacs Forty eight thousand) only.

Date of Execution of Deed:- The 31st day of May, 2008.

*LT/aj
Sankar
Kumar
H
2
Sanjay*

Gupta



*Sanjay
Gupta
M/S Ardent Steel Limited
Peeragarhi Chowk
New Delhi-110041*

भारतीय गैर न्यायिक

एक सौ रुपये
रु. 100

Rs. 100

ONE
HUNDRED RUPEES



सत्यमेव जयते

भारत INDIA
INDIA NON JUDICIAL

A 76173

उड़ीसा ORISSA

Sale Land Schedule:

The sale land of Village Phulajhar, P.S. Nayakote, Tehsil Telkoi, Dist.: Keonjhar (Orissa) which comes under the jurisdiction of Telkoi Tehsil and Sub-Registrar Office are as per details given hereunder:

Khata No.	Plot No.	Kissam	Area (In Hectres)
85 (Eighty Five)	190 ✓	Taila-1 ✓	0.5400 ✓
	335 ✓	Taila-1 ✓	0.8800 ✓
	337 ✓	Taila-1 ✓	0.6000 ✓
	455 ✓	Taila-1 ✓	0.3000 ✓
Total			Hect. 2.3200 i.e. Ac. 5.80 dc.

Total Area Two point Thirty two Hectres, i.e. Five Acre and Eighty Decimals comprising of four full plots, having the annual rent of Rs. 20.00 (Rupees Twenty) only.

Handwritten signature and text in Odia script.



उड़ीसा ORISSA

A 76173

Description of Deed:

Whereas I (the sellers) am the rightful owners of the land as described in the schedule above, which is rayati land and I have been peacefully possessing the same and now I am in urgent need of money to meet some emergency domestic requirement and therefore I have decided to sell and convey my said land to the above named purchaser for a consideration of Rs. 3,48,000/- (Rupees Three Lacs Forty Eight Thousand) only.

Now this deed of sale witnesses that in consideration of the sum of Rs. 3,48,000/- (Rupees Three Lacs Forty Eight Thousand) only, being paid to me by the purchaser in cash in presence of witnesses towards the sale price of the said land, the receipt whereof I do hereby acknowledge and in accordance with the said acknowledgement, I do hereby convey and transfer my said land to the above named purchaser free from all encumbrances together with all easements, privileges and appurtenances whatsoever.

Handwritten signature and name in Odia script:
श्री प्रमोद कुमार झा
श्री प्रमोद कुमार झा

भारतीय गैर न्यायिक
 एक सौ रुपये
 रु. 100
 Rs. 100
 ONE
 HUNDRED RUPEES
 भारत INDIA
 INDIA NON JUDICIAL



A 761730

उड़ीसा ORISSA

And all the right, title, interest, claim and demand whatsoever upon the land now sold to hold the same unto the above named purchaser, it's successors, administrators or assigns forever and absolutely.

I do hereby give delivery of possession of the land as described in the schedule above to the above named purchaser which the purchaser, it's successors, administrators or assigns may hereinafter peaceably and quietly enjoy and possess without any claim or demand whatsoever from us or any person claiming through or under me.

I, my heirs, administrators or assigns do hereby covenant to save harmless and keep indemnified to the purchaser, it's successors, administrators or assigns from or against all claim, demand and enquiries whatsoever.

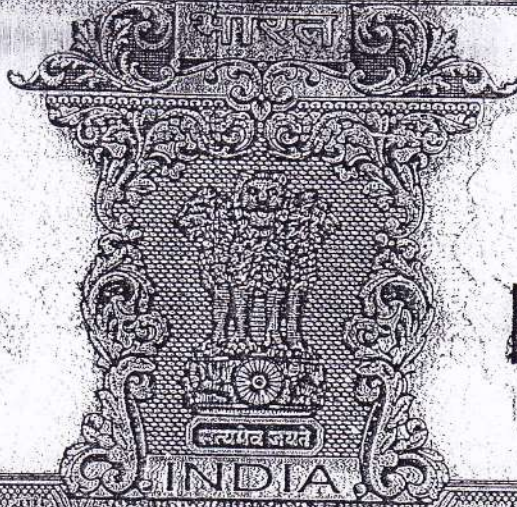
Certified that the rayati land is not lease hold land sanctioned by the Govt. for agricultural purpose and not less than ten years old and it is not covered under section-6-A of the O.L.R. Act. And it is not ceiling surplus land and not irrigated land.

Handwritten signatures and notes in Odia script, including the name 'S. S. Das'.

भारतीय गैर न्यायिक

पचास
रुपये

रु. 50



FIFTY
RUPEES

Rs. 50

INDIA NON JUDICIAL

उड़ीसा ORISSA

A 554111

Further, it is certified that the property transferred through this deed does not belong to or given or endowed for the purpose of any public religious institutions.

In witness whereof I have signed on this deed in presence of witnesses.

[Handwritten signature in Odia script]
Seller

भारतीय गैर न्यायिक

पचास
रुपये

रु. 50

FIFTY
RUPEES

Rs. 50



INDIA NON JUDICIAL

उड़ीसा ORISSA

A 554112'

Declaration:

We the Seller and Purchaser do hereby declare that we do not belong to the community of General.

We the Seller/s and Purchaser do hereby declare that there is NO STRUCTURE / HOUSE on the schedule property transacted in this document. If existence of any structure / house is detected at a later stage the document would be treated as invalid.

SELLER *[Signature]* PURCHASER *[Signature]*
31.5.08

Witnesses:

- [Signature]*
 - [Signature]*
- [Signature]*
S/o - Ram *[Signature]*
S/o - K...
31.5.08

Typed, read, over and explained the contents to the executants who admitted it to be true and correct.

[Signature]
ADVOCATE

[Signature]
General Manager
District Industries
Koraput