



SERAJUDDIN
Responsible Mining

We Conserve, We Care

Sustainable Development Framework Report: 2015-16



13-09-2015

**BALDA BLOCK IRON MINES
M/s. SERAJUDDIN & Co.**

At/PO – Balda, PS – Bamebari,
Keonjhar, Odisha – 758086
www.serajuddin-bbim.com



Sustainable Development Framework Report: 2015-16

Balda Block Iron Mines of M/s. Serajuddin & Co.

Introduction:

Balda Block Iron Mines of M/s. Serajuddin & Co., is operating a mining lease over an extent of 335.594 Ha for iron ore in Balda, Bada-Kalimati and Nayagarh villages under Bamebari P.S. of Keonjhar District, Odisha.

Balda Block Iron Mines, M/s. Serajuddin & Co. has created a momentous in mining activities and flourishes an illustrative antique of 54 years with extensive experience in mining of iron and manganese ore. It does at site for in-country dispatch and export as well as tailors the raw material in indigenous Iron & steel industries. The mining activities are carried out by espousing latest mining technology in a highly efficient manner coupled with establishment of sound social Corporate Environmental and Occupational Health & Safety Management Systems w.r.t. ISO 14001:2008 & BS OHSAS 18001: 2007 Standards. We do credence in the comprehensive compliances of all the statutory clearances, returns, and implementation of the same with true spirit.

The project is very strictly following all statutory compliances of MoEF & CC, IBM, DGMS, CGWA/CGWB and SCPB/CPCB.

Sustainable Development Framework:

In a bid to ensure minimal impact of iron ore mining on the environment and human settlement, the Union Ministry for Mines has implemented a “Star Rating” system for mining leases to promote sustainable development practices, which includes addressing the social impact of resettlement and rehabilitation and key information’s of the mining activity including mines basic information’s, environmental safe guard measures, CSR activities as a whole.





A Star Rating program is the implementation to be given to mining leases for the efforts and initiatives taken for implementation of the Sustainable Development Framework (SDF).

SDF provides guidance to mining companies to improve the performance not only with regard to environmental and social aspects, but also (provides) a common benchmark against the operations which can be evaluated in terms of comparative performance on sustainable development norms.

Inline to the said guidelines of the Govt., the company has constituted a Sustainable Development Unit (SDU) under SDF. The team comprises of different key personals of the organization involving Technical, Financial, CSR, HR/HRD, Environment depts. The SDU is headed by Sri. Nihar Ranjan Nayak, Asst. Vice President – Mines, who is functional head of the organization having capacity of more than 20+ years of experience in the open cast mining field & working in different parts of the India. Sri. Pramod Kumar Dehury, Mines Manager, having experience of more than 20 years expertise in the open cast iron ore mining fields. Mr. Subas Chandra Mohanty, AGM-CSR, having expertise in working of different social livelihood and SHG projects with more than 25 Years of experience in private sector companies. Sri. Prafulla Kumar Pati, DGM-Finance, having more than 25 years of experience in Finance and Chartered Accounting. Dr. Prithwiraj Sahu, Sr. Manager - Environment, expertise in the field of EIA-EM preparation, Compliance Management etc. with more than 15 Years of industry & mining expertise. Sri Amitav Mallick, Manager – Environment, having expertise of more than 9 years in the field of environment compliance, ISO system, EIA/EMP preparation & statutory returns etc. Mr. Sourav Kumar Sahoo, DGM - Geology, having more than 10+ years of expertise in different mining sectors including Iron, Chromite, Coal, etc. & working profile of PSU sectors. Mr. Binoda Acharya, GM - Geology, having more than 15+ years of expertise in different mining sectors including Iron, Chromite, etc. & working profile of PSU sectors. Sri. Dillip Kumar Mohapatra, AGM-HR, having experience of more than 25 years and Sri. Utkal Ranjan Baral, AGM – Survey, having more than 15 years of experience working in iron and manganese ore sectors.





The Company has made expenses of Rs. 560.71 lakhs (22%) out of Rs. 2543.08 Lakhs, which is 10% of the royalty value for the financial year 2015-16. The project has implemented the funds under different CSR, Environment heads during the reporting period.

Environment Management Program:

Introduced latest eco-friendly technologies/machineries in mining operations with deployment of the 100 tonner Dumpers & 25 tonner loader to minimize the traffic and fossil fuel consumption with harmonization of high capacity Screening and Crushing plant with the state of art technology by installing dust extraction systems. Obligates a compliance for conservation of the natural resource, encourage of the solar power system, adaptation of the Rainwater harvesting system in & around the surroundings to recharge the ground water, developed widened road beyond compliance for transportation and making ring roads for a better approach for easy way of dispatch, stabilized dumps with adaptation of vertiver technology, coir matting, plantation along with retaining wall, garland drain and settling ponds.

The key features under environment management program are as follows;

- Mines runoff management
 - o Check dams
 - o Check weirs
 - o Settling cum harvesting ponds: An innovative approach of Zero discharge based surface run off management practice.
 - o Proper garland drain with drainage pattern for guiding of the mines surface run off
- Water Harvesting Measures
 - o Roof top rain water harvesting
 - o Village pond augmentation
- Air Pollution Control System
 - o Fixed Water Sprinkling System for haul road dust suppression





- Dry fog system for Crusher & Screen Plants
- Green belt development
- Truck tyre wash system at the exit point of mines
- Solid Waste Management
 - Waste Dump management with application of coir matting, grass seed application, plantation etc.
 - Dump slope stabilization with proper terracing, dozing, pressing, provision of retaining wall, garland drain and settling pond etc.
- Hazardous Waste Management
 - Identification, Segregation, storage of used oil, oil filters, oil contaminated wastes
 - Disposal to authorized recycler/re-processor
- Biomedical Waste Management
 - Collection, segregation, safe disposal
 - Monitoring and management
- Environmental Mentoring
 - AAQ
 - Water (Surface, ground water)
 - Noise
 - Soil
 - Illumination
 - Ground vibration
 - Plantation

Corporate Social Responsibility:

We are not curbing ourselves to the areas of business interest, we have broadened our CSR activities far and wide. Over the years, under the banner of CSR, we are contributing substantially to the local villagers with expansion of their development i.e. Health Care, Drinking Water, Sanitation, SHG Groups, Electricity, Education, Infrastructure etc.





The key landscapes under **Corporate Social Responsibility** are as follows;

- Drinking water facility
 - o Overhead water tank with pipeline distribution facility
 - o Safe reach of Drinking water to remote villagers through water tankers
 - o Provision of bore wells
- Infrastructure
 - o Roads for connecting among villages
 - o Culverts between two areas over nallahs
 - o Electrification of the tribal villages with street light & free supply of LED bulbs
 - o Supply of transformers and its maintenance
 - o Innovation added with implementation of Solar power system for street lights in village areas
- Health and Hygiene
 - o Organization of Health Camp
 - o 24 x 7 Hospital facility with Doctor & free access of Ambulance
 - o Free distribution of medicines to locals
 - o Distribution of mosquito nets in Malaria prone areas as identified
 - o Creation of awareness program on different health needs
- Education
 - o Supply of school kits i.e. school bags, books, umbrella etc. for tribal children
 - o Support of financial aids like boundary wall construction, room renovation
 - o School bus facility
 - o Drinking water provision in school campus





Photo Gallery: Photos of Environment





Photos of CSR





Contact info of Key SDF Members

1. **Mr Nihar Ranjan Nayak, AVP (Mines),**
Ph-09438788222
[Email-nihar@serajuddinmines.com](mailto:nihar@serajuddinmines.com)
2. **Mr Pramod Kumar Dehury, Mines Manager**
Mob - 09438887539
[Email-pramod@serajuddinmines.com](mailto:pramod@serajuddinmines.com)
3. **Mr. Subas Mohanty, AGM-CSR**
Ph- 09437038283
Email – subas@serajuddinmines.com
4. **Mr. Utkal Baral, AGM-Survey**
Ph- 09438887542
Email – urbaral@serajuddinmines.com
5. **Dr. Prithwiraj Sahu**
Ph- 09437126578
Email – prithwiraj@serajuddinmines.com
6. **Shri. Sourav Sahoo**
Ph- 094237786791
Email - sksahoo@serajuddinmines.com
7. **Sri. Binoda Acharya**
Ph- 09438887898
Email – binoda@serajuddinmines.com
8. **Sri Dillip Kumar Mohapatra**
Ph – 09438887879
Email – dillip@serajuddinmines.com
9. **Sri. Amitav Mallick**
Ph- 09437139256
Email – amitav1986@gmail.com

