

Your (**Environment Clearance**) application has been **Submitted** with following details

Proposal No	J-11015/139/2012-IA.II (M)
Compliance ID	66891038
Compliance Number(For Tracking)	EC/M/COMPLIANCE/66891038/2024
Reporting Year	2024
Reporting Period	01 June(01 Oct - 30 March)
Submission Date	10-05-2024
IRO Name	ARTATRANA MISHRA
IRO Email	jhk109@ifs.nic.in
State	ODISHA
IRO Office Address	Integrated Regional Offices, Bhubaneswar
Note:- SMS and E-Mail has been sent to ARTATRANA MISHRA, ODISHA with Notification to Project Proponent.	

BAL/Mines/MoEF & CC/

Date: 10.5.2024

The Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office A/3, Chandersekharpur, Bhubaneswar – 751023

Sub: Six-monthly Compliance Report of conditions of Environment Clearance Vide No. J-11015/139/2012-IA.II (M) dated 22.08.2014 with respect to Kaliapani Chromite Mines of M/s- Balasore Alloys Ltd for the period of Oct,23 to March,2024.

Ref: Environment Clearance No. J-11015/139/2012-IA.II (M) dated 22.08.2014.

Dear Sir,

Enclosing herewith six monthly compliance report on the status of the conditions stipulated in the Environmental Clearance Vide No. J-11015/139/2012-IA.II (M) dated 22.08.2014 of the period from Oct,23 to March,2024 with respect to our Kaliapani Chromite Mines, M/s Balasore Alloys Ltd (ML area 64.463 ha) for your kind perusal.

Thanking you,

Yours faithfully,
For Balasore Alloys Ltd



Suryakanta Pradhan
General Manager(Environment)
Encl: As above

Half Yearly Compliance Report**2024****01 Jun(01 Oct - 31 Mar)****Acknowledgment**

Proposal Name		Underground Chromite Mine of M/s Balasore Alloys Ltd., Village Kaliapani, Tehsil Sukinda, District Jajpur, Orissa (64.463 ha) (expansion from 0.42 MTPA to 0.6 MTPA and change in technology from opencast to opencast and underground)- Environmental clearance regarding.	
Name of Entity / Corporate Office		BALASORE ALLOYS LTD	
Village(s)		ARJUNJHAR	
District		JAJAPUR	
Proposal No.	J-11015/139/2012-IA.II (M)	Category	Non-Coal Mining
Plot / Survey / Khasra No.		Sub-District	Sukinda
State	ODISHA	Entity's PAN	NA
MoEF File No.	J-11015/139/2012-IA.II (M)	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	Mining operation has been stopped at Kaliapani Chromite Mines (ML area 64.463 ha) at Kaliapani, Tahsil-Sukinda, Dist.- Jajpur since 17 th November, 2020 also suspended ny DDM ,Jajpur Road circle due want of Stage-II Forest Clearance. Hence Six monthly Compliance Report of conditions of Environment Clearance Vide No. J-11015/139/2012-IA.II (M) dated 22.08.2014 with respect to Kaliapani Chromite Mines of M/s- Balasore Alloys Ltd for the period of April, 2023 to September,2023 could not be submitted.
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity /	BALASORE ALLOYS LTD
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Corporate Office						
		Project Area as per EC Granted		Annual Project Area in Possession		
Private		0		0		
Revenue Land		0		0		
Forest		0		0		
Others		0		0		
Total		0		0		
Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	CHROME ORE	Million Tons per Annum (MTPA)	02/02/2025	0.6	0.02	0.6
Conditions						
Specific Conditions						
Sr.No.	Condition Type	Condition Details				
1	WATER QUALITY MONITORING AND PRESERVATION	Mine water discharge and/or any waste water shall be properly treated in an ETP/s for the removal of hexavalent chromium and to meet the prescribed standards before reuse/discharge. The runoff from OB dumps and other surface run off shall be analyzed for hexavalent chrome and in case its concentration is found higher than the permissible limit, the waste water should be treated before discharge/reuse.				
PPs Submission: Complied Mine water discharge is channelized to Effluent Treatment Plant present at mines to remove the Cr+6 and some of treated water are used for Dust Suppression, Plantation, COBP and rest discharged outside. Regular monitoring of treated water is going on through Online analyzer and report transferred to OSPCB website through RTDAS . The Run-off from OB dumps and other Places are properly collected through garland drains, settling pond & channelized to ETP by pump & pipeline facility for proper treatment before discharge to outside.						Date: 10/05/2024
2	WATER QUALITY MONITORING AND PRESERVATION	Mining shall not commence without necessary permissions for drawl of water and intersection of ground water table				
PPs Submission: Complied Permission has been obtained for drawl of water and intersection of ground water table during mining activities from Central Ground Water Authority, Govt. Of India ,Ministry Of Water Resource, vide CGWA/NOC/MIN/REN/2018/5557 Dated 11.12.2018 , for quantity of ground water drawl 3293 m3/Day (3188 m3/Day from Mine Dewater & 105 m3/Day from Bore well). However actual consumption of ground water is very less than approved quantity I.e 49 KLD average .In the mean time Mine operation was stopped till 02.02.2024 and application has been submitted for renewal of same on 07.02.2024						Date: 10/05/2024
3	Human Health Environment	Mitigation measures such as well-designed ventilation network within underground mine, provision of Personal Protective				

		Equipment should be ensured and necessary training and awareness programs for mine workers should be undertaken.
PPs Submission: Complied Underground mining has not been started yet, however Ventilation fan shall be provided within underground mine in order to control the air pollution during same. Necessary PPEs viz helmet, Dust mask etc is being/shall be provided to the employees. Training and awareness programme for mine worker regarding health Safety and Environment is going on regular basis and shall be continued.		Date: 10/05/2024
4	WATER QUALITY MONITORING AND PRESERVATION	Continuous monitoring of Mine water should be done and reports furnished
PPs Submission: Complied Mine water from mine pit is channelized to up graded ETP designed as per the recommendation of IIT, Kharagpur for treatment, continuous monitoring of quality and quantity of Mine water (viz parameters pH, TSS, Cr+6, Flow Rate) is going on through online monitoring system installed at ETP Outlet and Inlet as per the Guidelines by CPCB for Real-time Effluent Quality Monitoring System. The monitoring data also transferred to OSPCB website through Real data Acquisition System.		Date: 10/05/2024
5	WATER QUALITY MONITORING AND PRESERVATION	Continuous monitoring of all drinking water sources for Cr(VI) of Mine water should be done and reports furnished
PPs Submission: Complied Monitoring of drinking water sources at six different locations including mines are being done on monthly basis and report submitted to State Pollution Control Board.		Date: 10/05/2024
6	Human Health Environment	Morbidity pattern which is a sensitive indicator of ill health with regard to Cr related diseases need to be done.
PPs Submission: Complied A study on morbidity pattern has been done by engaging Asian Institute of Public Health, Bhubaneswar with overall aim to create baseline data base on current status of occupational health risks especially morbidity pattern with regard to Chromium and air born dust associated with the facility & identify unhealthy behavior of exposures. The findings of assessment show that, problems with vision (28%), Breathlessness (22%), Headache (22%) are the major contributors towards the current morbidity conditions. Hence it is hereby concluded that, there is no definite pattern/figure to be mentioned as the key indicator of the morbidity resulting from chrome related exposure rather it indicate that the pattern of morbidity follows the general trend of villages or urban areas elsewhere. Based upon the outcome of result, action is being taken.		Date: 10/05/2024
7	WATER QUALITY MONITORING AND PRESERVATION	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for workshop and wastewater generated during mining operation.
PPs Submission: Complied We have no colony within the lease area. However for the treatment of the canteen waste water and organic waste STP of 40 KLD capacity is installed at site. The workshop has been provided with Oil and grease pit for separation for oil and grease from waste water generated during vehicle washing and same has been channelized to ETP. Waste water generating from mining operation also being channelized to ETP. Photos of STP, O & G pit and ETP is attached		Date: 10/05/2024
8	MINING PLAN	Digital processing of the entire lease area using remote sensing technique shall be carried out regularly once in three years for monitoring land use pattern and report submitted to Ministry of Environment and Forests and its Regional Office, Bhubaneswar.

PPs Submission: Complied Digital processing of the entire lease area using remote sensing technique is being carried out for monitoring land use pattern . The land use pattern of Mines is given in below table Sl. No Description Area (Ha) 1 Area under mining including 22.599 2 Storage for top soil 0.000 3 Waste dump site including tailing dump 36.475 4 Mineral storage 0.130 5 Infrastructure – workshop, admin building, magazine etc. 0.897 6 Roads 3.000 7 Railways 0.000 8 Tailing pond 0.020 9 Effluent Treatment Plant 0.300 10 Mineral Separation Plant 0.872 11 Township area 0.000 12 Others :(Green belt/Safety zone) 0.170 Total 64.463		Date: 10/05/2024
9	Human Health Environment	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
PPs Submission: Complied Pre-placement medical examination and periodical medical examination of the workers engaged in the project is being carried out and records maintained.		Date: 10/05/2024
10	MISCELLANEOUS	The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna spotted in the study area. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the Wildlife Conservation Pan so prepared specific to the project site shall be effectively implemented. A copy of action plan shall be submitted to the Ministry of Environment and Forests and its Regional Office, Bhubaneswar.
PPs Submission: Complied Site Specific Wildlife Conservation Plan has been prepared and approved by PCCF(WL) & Chief Wild Life warden ,Odisha Vide Memo 8478/1WL(C)-SSP-425/2014 Dated 7th Nove-2014 and amount of Rs 1,89,36,000/- towards implementation of Site Specific Conservation Plan including cost of vehicle to be provided against demand note from DFO, Cuttack vide no 443 dated 21st January,2015 has been deposited in favor of Ad-hoc Body of Compensatory Afforestation Fund Management and Planning Authority(CAMPA) through RTGS No.SBINR52170022300051075724059 ORISSA CAMPA on 23.02.2017 . The proposed interventions inside ML area as per approved Site Specific Wildlife Conservation Plan have been carrying out and status being submitted to State Forest department.		Date: 10/05/2024
11	MINING PLAN	A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.
PPs Submission: Complied Final Mine Closure Plan will be submitted to the ministry 5 years before the anticipated final mine closure.		Date: 10/05/2024
12	PUBLIC HEARING	The project proponent shall undertake all the commitments made during the public hearing and effectively address the concerns raised by the locals in the public hearing as well as during consideration of the project, while implementing the project.
PPs Submission: Complied All the commitments made during public hearing are being undertaken by incorporating in the CSR activities.		Date: 10/05/2024
13	Statutory compliance	The project proponent shall obtain Consent to Establish and

		Consent to Operate from the State Pollution Control Board, Odisha and effectively implement all the conditions stipulated therein
PPs Submission: Complied Consent to establish has obtained from SPCB,Odisha vide letter No. 18196/ IND-II-NOC- 5723 dated 08.10.2013 & subsequently Consent to Operate has obtained from SPCB,Odisha vide letter No. 1937/ IND-I-CON-2576 dated 13.2.2024 valid upto 02.02.2025. All the conditions stipulated in Consent to Establish and Consent to Operate are effectively implemented and compliance being submitted to State Pollution Control Board, Odisha annual basis .		Date: 10/05/2024
14	MISCELLANEOUS	Traffic density on the route of mineral transportation shall be regularly monitored and report shall be submitted along with compliance report.
PPs Submission: Complied Traffic density is being monitored on the route of mineral transportation at three locations		Date: 10/05/2024
15	AIR QUALITY MONITORING AND PRESERVATION	As part of ambient air quality monitoring during operational phase of the project, the air samples shall also be analyzed for their mineralogical composition and records maintained
PPs Submission: Complied The ambient air quality is being monitored at six locations of core and buffer zone of the lease area. The air samples are being analyzed for all the 12 parameters as per CPCB guideline engaging third party and data recorded. The analysis report for Oct,23 to March,24 of the same		Date: 10/05/2024
16	AIR QUALITY MONITORING AND PRESERVATION	Mineral handling plant shall be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated
PPs Submission: Complied There is no crusher and screening Plant running at mines. Mineral handling plant in the form of chrome ore beneficiation is in operation and working in wet process. However water sprinkling is going on through fixed sprinkler inside COBP area and through water tankers at loading and unloading points including transfer points regularly to control the generation of dust.		Date: 10/05/2024
17	AIR QUALITY MONITORING AND PRESERVATION	ii.Effective safeguard measures such as conditioning of ore with water, regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around crushing and screening plant, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
PPs Submission: Complied Regular water sprinkling has been going on engaging two nos of water tankers of 20 KL capacity at critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point, transfer points, haul road & stack area etc. Fixed type of sprinklers also installed at Strategic area viz. COB plant, haul roads to arrest the fugitive dust. Photos of same uploaded Ambient air quality monitoring is being done by establishing 6 ambient air monitoring stations in core and buffer zone of the lease area. The analysis result of all the parameters conforms to the norms prescribed by the Central Pollution Control Board. The monitoring data for the period Oct,23 to March,24 was uploaded.		Date: 10/05/2024
18	WATER QUALITY MONITORING AND PRESERVATION	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board

PPs Submission: Complied Two nos of Rooftop rain water harvesting structure has implemented to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board .		Date: 10/05/2024
19	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezo meters during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April- May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out.
PPs Submission: Complied Regular monitoring of ground water level & quality has been monitored on quarterly basis at core and buffer zone at six different locations & data has been sent to the Ministry of Environment and Forests and its Regional Office Bhubaneswar, the Central Ground Water Authority and the Regional Director, Central Ground Water Board on regular basis. We have installed two nos of Piezometers inside Core Zone the ground water level. Monitoring report reveals that there is no significant impact on ground water table due to mining activity. Report of Ground water level and quality for the period of Oct,23 to March,24 attached		Date: 10/05/2024
20	WATER QUALITY MONITORING AND PRESERVATION	The project proponent shall regularly monitor the flow rate of the natural water streams flowing adjacent to the mine lease and maintain the records
PPs Submission: Complied The flow rate of Damsala Nallah is being regularly monitored at both upstream and downstream on quarterly basis and record has maintained.		Date: 10/05/2024
21	GREENBELT	The reclaimed and rehabilitated area shall be afforested. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Bhubaneswar on six monthly basis
PPs Submission: Complied 78100 Sqm area of dump slope has been covered by Geotextile and 20550 Sqm area covered with grass turffing & 32000 nos of saplings (last three year) planted at dump slope, roadside in side ML area. Regular Monitoring and management of rehabilitated areas is being done. Six monthly report of the same is being submitted to respective authority regularly.		Date: 10/05/2024
22	AIR QUALITY MONITORING AND PRESERVATION	Dimension of the retaining wall at the toe of temporary over burden dumps and OB benches within the mine to check run-off and siltation shall be based on the rain fall data
PPs Submission: Complied Dimension of the retaining wall at the toe of temporary over burden dumps and OB benches within the mine to check run-off and siltation are based on the rain fall data. The details of the structures dump wise are given below DETAILS OF ENVIRONMENTAL PROTECTION MEASURES DUMP WISE frun Location Area Garland Drain Retaining Wall Settling Pit 1 Dump 1 12.74 Ha Nil 224 mtr 90 Cum & 192 CUM 2 Dump 2 5.22 Ha 116 mtr 116 mtr Nil 3 Dump 3 13.64 Ha 830 mtr 694 mtr 972 Cum & 288 Cum		Date: 10/05/2024

23	GREENBELT	Plantation shall be raised in an area of 36.156 Ha. including a 7.5m wide green belt in the safety zone around the mining lease, backfilled and reclaimed area, around the higher benches of excavated void to be converted in to water body, roads etc. by planting the native species in consultation with the local DFO/Agriculture Department. The density of the trees should be around 2500 plants per Ha.	
PPs Submission: Complied Year wise plantation programme is being undertaken on dump slopes and safety zone area. .The density of trees planted is around 3000 nos/ha. Moreover, Our mines is located within cluster of mines such as lease of Sukinda Chromite Mines of M/s IMFA on the Eastern side, Jindal Chromite Mines of M/s Jindal Stainless Ltd (JSL) on Western side, in south Ispat Sukinda Chromite Mine of M/s Balasore Alloys Ltd exists respectively. As per Para 4.7 of guidelines of F/CAct-1980, the Safety Zone of 7.5 m width all around the Lease boundaries should be maintained. At Para 4.7 (ii) “ which inter alia says that in case of cluster of mines, the outer boundaries of cluster should be taken as Safety Zone & its maintenance cost has to be borne proportionately by the Lessee operating the Cluster.” In North side of ML area vacant area with tree growth is maintained as safety zone with 7.5 m width. In view of above, Plantation has been carried out over 0.17 ha of safety zone in the Northern side only, And joint mining joint mining has been carried out with M/s IMFA in Eastern side with due permission from IBM, DGMS Similar permission also granted for Join mining with M/s Jindal, which is yet to start. At present only one quarry is in operation, hence all measures as per the condition will be undertaken at the cessation of the quarry operations			Date: 10/05/2024
24	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading point and transfer points. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	
PPs Submission: Complied Regular water sprinkling is being done by deploying two no 20 KL mobile water tanker in critical areas prone to air pollution and having high levels of SPM & RPM such as loading and unloading point, transfer points, haul road & stack area etc. Fixed type of sprinklers also installed near COB plant to arrest the fugitive dust. Ambient air quality monitoring is being done by establishing 6 ambient air monitoring stations in core and buffer zone of the lease area. The analysis result of all the parameters conforms to the norms prescribed by the Central Pollution Control Board.			Date: 10/05/2024
25	AIR QUALITY MONITORING AND PRESERVATION	Process water discharge and/or any waste water shall be properly treated to meet the prescribed standards before reuse/discharge. The runoff from temporary OB dumps and other surface run off shall be analyzed for iron and in case its concentration is found higher than the permissible limit, the waste water should be treated before discharge/reuse.	
PPs Submission: Complied Process water in COB plant is completely reused and the treated water from the ETP is used as make-up quantity. However the quantity of water dewatered from mine pit is properly treated through an up graded Effluent Treatment Plant of capacity 750L/Hr established with the recommendation of IIT, Kharagpur. The treated water has been monitored regularly and meeting the prescribed standards before reuse/discharge. Surface run-off generating at mines are being analyzed on fortnightly basis during monsoon period at two different stations inside ML area with the analysis of the iron concentration in surface run-off. However channelization of all surface run-off water to ETP for proper treatment is made through settling pit and pumping arrangement.			Date: 10/05/2024
26	WATER QUALITY MONITORING AND PRESERVATION	The decanted water from the beneficiation plant and slime/tailing pond shall be re circulated within the mine and there shall be zero discharge from the mine.	
PPs Submission: Complied			Date:

Total decanted water from the beneficiation plant & tailing/slimes pond is reused in COB plant; hence no discharge of decanted effluents from the same		10/05/2024
27	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of the flow rate of the springs and perennial nallahs shall be carried out and records maintained.
PPs Submission: Complied There is no perennial or seasonal nallah flow inside ML area. However the Damsala Nallah flows at a distance of 1 km from mines is being regularly monitored and record has maintained. Flow Monitoring report attached		Date: 10/05/2024
28	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of water quality, upstream and downstream of natural water bodies shall be carried out and record of monitoring data should be maintained and submitted to Ministry of Environment and Forests, its Regional Office, Bhubaneswar, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.
PPs Submission: Complied Monitoring of water quality, upstream and downstream of natural water bodies i.e Damsala Nallah is being carried out on quarterly basis and report submitted to Ministry of Environment and Forests & CC Regional Office, Bhubaneswar, Central Ground Water Board & State Pollution Control Board on regular basis. The report of same attached		Date: 10/05/2024
29	WATER QUALITY MONITORING AND PRESERVATION	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, Central Ground Water Board.
PPs Submission: Complied Two nos of Roof Top rain water harvesting structure has been implemented inside ML area. It is calculated to recharge at least 5,000 m3/year of water to be recharged to the underlain fractured aquifer through rooftop rain water harvesting structure.		Date: 10/05/2024
30	AIR QUALITY MONITORING AND PRESERVATION	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral from mine face to the beneficiation plant. The vehicles shall be covered with a tarpaulin and shall not be overloaded.
PPs Submission: Complied Regular monitoring of vehicular emission also being done. For outside trucks carrying mineral from mine to plant are ensured valid Pollution Under Control Certificate. Regular maintenance is going on to control the vehicular emission. The transporting trucks are being covered with tarpaulin and are allowed to take only the prescribed load i.e. below 10.5 Ton. In order to control the air and soil pollution through moving vehicle, a vehicles wheel washing facility is provided at mine gate for washing the wheels of transporting vehicle before leaving mines.		Date: 10/05/2024
General Conditions		
Sr.No.	Condition Type	Condition Details
1	MINING PLAN	No change in Chrome Ore Processing/Beneficiation technology and scope of working should be made without prior approval of the Ministry of Environment & Forests.

PPs Submission: Complied Chrome ore Mining method practiced in the project is both opencast & underground fully mechanized. There is/will be no change in Chrome Ore Processing/Beneficiation technology and scope of working shall be made without prior approval of the Ministry of Environment & Forests		Date: 10/05/2024	
2	MINING PLAN	No change in the calendar plan including Processing/Beneficiation of mineral chrome ore and waste should be made..	
PPs Submission: Complied No change in the calendar plan including Processing/Beneficiation of mineral chrome ore and waste shall be made		Date: 10/05/2024	
3	AIR QUALITY MONITORING AND PRESERVATION	At least four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 micron i.e., PM10) and NOX monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board. The data so recorded should be regularly submitted to the Ministry including its Regional office located at Bhubaneswar and the State Pollution Control Board / Central Pollution Control Board once in six months.	
PPs Submission: Complied Air quality monitoring for the parameters viz PM10,PM2.5, SO2 , NOx,CO,NH3 &O3 are being done by establishing 6 ambient air monitoring stations on the basis of meteorological data, topographical features after consultation with SPCB in the core & Buffer zone. The data so recorded is being regularly submitted to the Ministry including its Regional office located at Bhubaneswar and the State Pollution Control Board / Central Pollution Control Board once in six months.		Date: 10/05/2024	
4	Noise Monitoring & Prevention	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	
PPs Submission: Complied Maintenance of all HeMM are being carried out on regular basis to suppress the Noise generation. Regular monitoring is being carried out for noise level in the work environment. Ear plugs / muffs are provided to all workers engaged in operations of HEMM etc. Noise level monitoring results attached		Date: 10/05/2024	
5	WATER QUALITY MONITORING AND PRESERVATION	There will be zero waste water discharge from the plant.	
PPs Submission: Complied total decanted water from the beneficiation plant & tailing/slime pond is reused in COB plant; hence there is zero waste water discharge from the plant.		Date: 10/05/2024	
6	Statutory compliance	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 clearance conditions and shall also be sent to the respective Regional Office of the Ministry of Environment and Forests, Bhubaneswar by e-mail.	
PPs Submission: Complied The environmental statement for each financial year ending 31st March in Form-V is being submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, also uploaded on the website of the company along with the status of compliance of environmental clearance conditions and also sent to the respective Regional Office of the Ministry of Environment and Forests, Bhubaneswar by e-mail.		Date: 10/05/2024	
7	MISCELLANEOUS	viii. The project authorities should advertise at least in two local newspapers of the District or State in which the project is located and widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhubaneswar.	
PPs Submission: Complied The clearance letter informing that the project has been accorded environmental clearance is advertised in “The Sambad” (Odia daily) & The Pioneer (English daily) newspaper.		Date: 10/05/2024	
8	Human Health Environment	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	
PPs Submission: Complied Personal protective equipments are being provided to all workers respective to the nature of the job. Initial and periodical awareness training is being imparted to all workers in the Company’s Vocational Training Centre located within the lease area on Safety and Health Aspects. Periodical health check up as per DGMS guideline is being carried out for all employees.		Date: 10/05/2024	
9	Human Health Environment	Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	
PPs Submission: Complied Pre-placement medical examination and periodical medical examination of the workers engaged in the project is being carried out and records maintained for corrective measures		Date: 10/05/2024	
10	Statutory compliance	A separate environmental management cell with suitable qualified personnel should be	

		set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	
PPs Submission: Complied A separate Environment management cell under the control of Unit Head has been set up.		Date: 10/05/2024	
11	Corporate Environmental Responsibility	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneswar.	
PPs Submission: Complied Separate fund is being earmarked for environmental protection measures. Year wise Expenditure also been reported to Regional Office, MoEF,BBSR. The detail of the expenditure is attached		Date: 10/05/2024	
12	MISCELLANEOUS	The project authorities should inform to the Regional Office located at Bhubaneswar regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	
PPs Submission: Complied This is an ongoing project since Sept' 2000.		Date: 10/05/2024	
13	MISCELLANEOUS	The Regional Office of this Ministry located at Bhubaneswar shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	
PPs Submission: Complied We are abide by the condition and shall extend full cooperation to the officer(s) of regional office by furnishing the requisite data / information/monitoring reports during their monitoring of compliance of the stipulated conditions.		Date: 10/05/2024	
14	Statutory compliance	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Bhubaneswar, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental 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 the Ministry of Environment and Forests, Bhubaneswar, the respective Zonal Officer of Central Pollution Control Board and the State Pollution	

		Control Board.					
PPs Submission: Complied Six monthly compliance report is being submitted on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Bhubaneswar, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board. The status of compliance of the environmental clearance conditions, including results of monitored data is uploaded on company website periodically.		Date: 10/05/2024					
15	MISCELLANEOUS	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ 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 website of the Company by the proponent.					
PPs Submission: Complied Copy of the clearance letter has been sent to concerned Panchayat. The clearance letter also been uploaded on the website of the Company. The URL for the same is http://www.balasorealloys.com/webpage.php?title=Environment+Policy&p_type=1&parent=36&catid=78 .		Date: 10/05/2024					
16	MISCELLANEOUS	The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.					
PPs Submission: Complied Agreed to extend help OSPCB		Date: 10/05/2024					
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