

APPENDIX-I
(See paragraph – 6)
FORM-1

(I) Basic Information:

Sl. No.	Item	Details
1.	Name of the project/s	Enhancement of Ferro Alloys Plant (145000 TPA to 160000 TPA) through process optimization within existing plant premises at Balgopalpur Industrial Estate, Balgopalpur, District- Balasore (Odisha) as per provision under para 7(ii) of Ministry's Notification dated 23 rd November, 2016
2.	S. No. in the schedule	3 (a)
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	Existing Plant Area: 45.205 Acres Existing Production Capacity: 1,45,000 TPA Proposed Production Capacity: 1,60,000 TPA
4.	New/Expansion/Modernization	Expansion through process optimization as per provision under para 7(ii) of Ministry's Notification dated 23 rd November, 2016.
5.	Existing Capacity/Area etc.	145000 TPA of Ferro Alloys
6.	Category of Project i.e. 'A' or 'B'	'A'
7.	Does it attract the general condition? If yes, please specify.	No
8.	Does it attract the specific condition? If yes, please specify.	No
9.	Location	Toposheet No.: F45O10, F45O11, F45O14, F45O15 Latitude: 21° 31' 41.89" to 21°31'59.58"N Longitude: 86° 49' 53.45" to 86°50'13.20" E
	Plot/Survey/Khasra No.	Plot No.- 287, 288, 289, 290, 291, 300, 301, 304, 305, 306, 308, 309, 310, 313, 314, 315, 316, 304/714, 304/715, 304/716, 304/717, 304/718, 304/719, 304/720, 304/721, 304/722 in Balgopalpur Industrial Estate.
	Village	Balgopalpur
	Tehsil	Remuna
	District	Balasore
	State	Odisha
10.	Nearest railway station/airport along with distance in kms.	Railway Station – Balasore Railway Station (9 km in ESE direction) Airport – Bhubaneswar Airport (200 km in SW direction)
11.	Nearest Town, City, District Headquarter with distance in km.	Nearest town Balasore (9 km in SE direction) Nearest City – Balasore (9 km in SE direction) District Headquarter – Balasore (9 km in SE direction)
12.	Village Panchayat, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given).	Name of Sarpanch :- Mr. Binayak Parida Panchayat :- Nuapadhi Block:- Remuna Pin Code- 756020 Distt.- Balasore (Odisha) Phone No.- 9937976464
13.	Name of the applicant	Balasore Alloys Limited

14.	Registered Address	Balasore Alloys Limited Balgopalpur Industrial Estate, Balgopalpur, Dist- Balasore, State - Odisha.
15.	Address for correspondence:	
	Name	Swarup Panda
	Designation (Owner/Partner/CEO)	Sr. VP (Corporate Affairs)
	Address	Balasore Alloys Limited Balgopalpur Industrial Estate, Balgopalpur, Dist- Balasore, State - Odisha.
	Pin Code	756020
	E-mail	Swarup.panda@balasorealloys.com
	Telephone No.	06782-275781
	Fax No.	06782-275134
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet.	It is a production enhancement proposal through process optimization of existing facility So, no alternative site is considered for the project.
17.	Interlinked Projects	Kaliapani Chromite Mine (ML Area: 64.463 ha) with production capacity 0.6 Million TPA at Village Kaliapani, Tehsil Sukinda, District Jajpur (Odisha).
18.	Whether separate application of interlinked project has been submitted?	Environmental Clearance for the same has already been obtained from MoEFCC, New Delhi vide letter no. J-11015/139/2012-IA.II (M) dated 22 nd August, 2014
19.	If yes, date of submission	
20.	If no, reason	Not applicable.
21.	Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given. (a) The Forest (Conservation) Act, 1980 (b) The Wildlife (Protection) Act, 1972 (c) The C.R.Z Notification, 1991	Not applicable.
22.	Whether there is any Government Order/Policy relevant/relating to the site	Project situated within Balgopalpur Industrial Estate.
23.	Forest land involved (hectares)	Nil
24.	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	No litigation is pending against the project or land.
25.	Cost of the project	Total cost of the existing project was Rs. 90 Crores. The enhancement project does not involve any additional cost. The approx. capital cost and recurring cost for the environment management plan of the existing project is Rs 18.31 Crores and Rs 6.50 Crores respectively for the last FY 2017-18. For enhancement project the capital cost for EMP will be Nil because the present pollution control equipment are capable of handling the pollution load. The recurring cost is estimated to be Rs. 7 Crores/ annum.

(I) Activity:

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.):

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	No	Proposed enhancement will be done within the existing plant premises therefore there will be no change in land use land cover or topography.
1.2	Clearance of existing land, vegetation and buildings?	No	Since the proposed enhancement in production capacity will be done within the existing plant premises therefore clearance of the existing land, vegetation & building is not envisaged.
1.3	Creation of new land uses?	No	The existing raw material yard, product storage area, utilities and auxiliary facilities are sufficient to take care of the increase in production. Hence, there won't be any change in land use pattern.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	Pre-construction is not required for proposed project.
1.5	Construction works?	No	No construction work is required.
1.6	Demolition works?	No	No demolition work is required.
1.7	Temporary sites used for construction works or housing of construction workers?	No	No temporary site is envisaged.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	All the existing facility will be utilized for the proposed production enhancement. No additional structure is required.
1.9	Underground works including mining or tunneling.	No	No underground work is involved.
1.10	Reclamation works.	No	Not applicable as existing facilities will be used which are of permanent in nature.
1.11	Dredging?	No	Not applicable.
1.12	Offshore structures?	No	Not applicable.
1.13	Production and manufacturing processes?	Yes	Proposed project intends towards enhancement in production of Ferro Alloys through process optimization with existing facility. The existing production/ manufacturing process will be followed. The detailed production and manufacturing process is elaborated in Technical Feasibility Report.
1.14	Facilities for storage of goods or materials?	Yes	The existing storage facilities are sufficient to cater the need for proposed increase in production.

1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	<p>Solid Wastes</p> <p>As per present practices, quantity of slag generation is 165060TPA, which is being stored in the company's own premises at the earmarked place from where sold as alternative construction material to local vendors after TCLP test. Same practice will be followed after expansion.</p> <p>No additional facility required for the project.</p> <p>Liquid Effluents</p> <p>The effluent water generating from Domestic source is treated at STP inside plant premise and reused for Plantation and some quantity of domestic effluent is disposed through Septic Tank via Soak Pit.</p>
1.16	Facilities for long term housing of operational workers?	No	The same operational workers will continue working for the enhancement of production. So, additional housing is not required.
1.17	New road, rail or sea traffic during construction or operation?	No	No new road, rail or sea traffic will be required during construction or operation of the proposed project.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	No new road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc. will be required.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No such infrastructural change is required because the enhancement in production will be done within the existing facilities.
1.20	New or diverted transmission lines or pipelines?	No	There is no requirement of new or diversion transmission lines, since power line is already present in the plant.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not envisaged.
1.22	Stream crossings?	No	The proposed enhancement will be within plant premises so crossing any stream is not envisaged.
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	<p>Water required for project is 900 KLD. The water is being sourced from ground water. There will be no change in water requirement.</p> <p>Agreement has been done with water resource Board, Govt of Odisha to withdraw ground water of 900 KLD.</p> <p>However, permission for the extraction of groundwater quantity of 1340 KLD has been obtained from CGWA vide letter no 21-4(41)/SER/CGWA/2008-363 dated 16.02.2017 which is valid for next three years.</p>
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There will be no changes in water bodies or the land surface affecting drainage or run-off.

1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	No construction activity is involved hence transport of personnel or materials is not required.
1.26	Long-term dismantling or decommissioning or restoration works?	No	No dismantling work will be done for the enhancement because the same will be carried out inside the plant with the existing plant setup.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	No construction or dismantling work will be done due to the proposed enhancement project.
1.28	Influx of people to an area in either temporarily or permanently?	No	Not required as the existing manpower resource is capable to handle the enhanced production.
1.29	Introduction of alien species?	No	No such introduction of alien species is envisaged.
1.30	Loss of native species or genetic diversity?	No	There will be no loss of native species or genetic diversity.
1.31	Any other actions?	No	No other activities will be carried out inside the plant premises.

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

Sl. No.	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	The proposed enhancement will be undertaken within the existing plant area.
2.2	Water (expected source & competing users) unit: KLD	Yes	<p>Water is required for cooling the mechanical & electrical components, MRP & Domestic purpose. Ground water is being/will be drawn from the existing bore wells located inside the plant premises. The existing water requirement is 900 KLD for existing facility and no additional water will required after proposed enhancement.</p> <p>Agreement has been done with water resource Board, Govt of Odisha to withdraw ground water of 900 KLD.</p> <p>However, permission for the extraction of groundwater quantity of 1340 KLD has been obtained from CGWA vide letter no 21-4(41)/SER/CGWA/2008-363 dated 16.02.2017 which is valid for next three years.</p>
2.3	Minerals (MT)	Yes	Raw materials like Chrome Ore, Magnesite and Coke will be required for production of Ferro Chrome. There will no change in quantity of raw material. The quantity requirement of raw material per annum given below:

			Raw Material	Quantity in TPA
			Chrome Ore	362500
			Quartzite	47125
			Dolomite	32625
			Magnetite	5075
			Metallurgical Coke	85550
			Electro paste	2610
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	Not required as the proposed production enhancement does not include any construction work.	
2.5	Forests and timber (source – MT)	No	Not required	
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	Power requirement will marginally enhance from 62.992 MW to 67.23 MW and same is being/shall be catered from state GRID.	
2.7	Any other natural resources (use appropriate standard units)	No	Not required	

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health:

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	Yes	High Speed Diesel (HSD) is being used for mobile equipments (Loader, Dumpers etc.) in the existing facility. HSD is stored in underground tank with proper fencing and guarding as per MSIHC rules.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	Not envisaged.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	There will be positive impact of the project in the area as mentioned below: <ul style="list-style-type: none"> • Improving the economic status of the villagers. • Communication and transport facilities will be improved. • Education facilities will be improved. • Community Health care programmes provide better health and medical facilities not only to the employees but also to the villagers.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	Not envisaged.
3.5	Any other causes	No	Not envisaged.

4. Production of solid wastes during construction or operation or decommissioning (MT/ month).

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data.
4.1	Spoil, overburden or mine wastes	No	No major spoil production is envisaged from plant as there will be no demolition work.

4.2	Municipal waste (domestic and or commercial wastes)	Yes	About 7.2 tons/ year of garbage/ food waste is generated from worker's canteen & guest house. These are being dumped in a pit for vermin composting. The compost is being/ will be utilized as manure for Greenbelt Development & plantation.												
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	<p>With this enhancement, there will be no change in the quantity of hazardous waste generated.</p> <table border="1"> <thead> <tr> <th>S. No.</th><th>Particulars</th><th>Quantity</th><th>Treatment & Disposal</th></tr> </thead> <tbody> <tr> <td>1</td><td>Smelting Furnace flue dust</td><td>2352 Tons / Annum</td><td>This dust is being/ will be used for making briquette at the plant.</td></tr> <tr> <td>2</td><td>Used Oil/ Lubricants</td><td>15.54 KL/ Annum</td><td>Sold to authorized reprocessing unit</td></tr> </tbody> </table>	S. No.	Particulars	Quantity	Treatment & Disposal	1	Smelting Furnace flue dust	2352 Tons / Annum	This dust is being/ will be used for making briquette at the plant.	2	Used Oil/ Lubricants	15.54 KL/ Annum	Sold to authorized reprocessing unit
S. No.	Particulars	Quantity	Treatment & Disposal												
1	Smelting Furnace flue dust	2352 Tons / Annum	This dust is being/ will be used for making briquette at the plant.												
2	Used Oil/ Lubricants	15.54 KL/ Annum	Sold to authorized reprocessing unit												
4.4	Other industrial process wastes.	Yes	Slag tailings is being/will be generated after recovery of Metal and same is being/will be used for Civil construction, Road construction and filling of low lying area and sold to outside parties after going through Toxicity Characteristic Leaching Procedure (TCLP).												
4.5	Surplus product	No	No surplus product												
4.6	Sewage sludge or other sludge from effluent treatment.	Yes	Sewage sludge about 7.2 TPA from the Septic Tank & STP is being/will generated and same is being/will used as manure in greenbelt development & plantation.												
4.7	Construction or demolition wastes	No	No construction or demolition work is required for the proposed enhancement.												
4.8	Redundant machinery or equipment.	No	There will be no redundant machinery or equipment.												
4.9	Contaminated soils or other materials.	No	No contamination of soil and other materials will occur due to the proposed expansion.												
4.10	Agricultural wastes	No	There will not be any agricultural waste because no such activities will be carried out.												
4.11	Other solid wastes	No	No other waste is likely to be generated.												

5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr).

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources.	No	There is no direct combustion of fossil fuel in the process. However, HSD will be used for mobile vehicles. Proper maintenance is being/will be ensured to minimize the emissions.
5.2	Emissions from production processes	Yes	The flue gas emissions generated from the production process/ furnaces is/will be passed through Bag Filters of Gas Cleaning Plant to retain flue dust particles and then it is/will be released. The

			Particulate Matter level is/will be maintained as per PCB norms.
5.3	Emissions from materials handling including storage or transport	Yes	There will be emissions during handling of raw materials and products, which is being/will be controlled by dust suppression system.
5.4	Emissions from construction activities including plant and equipment	No	No construction activity is being proposed for enhancement in production.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	No	Dust emission due to handling of construction materials is not applicable as there will be no construction activity. No additional sewage will be generated from the proposed project. However, the canteen waste of the existing plant is being/ will be vermin-composted in the pit and layers of soil will be laid on it to suppress the odour, same practice will continue. The domestic sewage & Liquid effluent from Canteen & Guest house Kitchen of the existing plant is being/ will be disposed through STP, septic tank and soak pit.
5.6	Emissions from incineration of waste	No	There is/will be no generation of any incinerable waste.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	There is/will be no burning of waste in open air.
5.8	Emissions from any other sources	No	There is/will be no emissions from any other sources.

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data.
6.1	From operation of equipment e.g. engines, ventilation plant, crushers.	Yes	Noise is being / will be generated from operational activities of equipments, ventilation plant, engines, crushers etc which is being/will be kept within the prescribed norms. There will be provision of rubber padding, noise isolators and silencer to modulate the noise generated by the machines. PPEs such as ear muff/ plugs is being/ will be provided to the employees those who are exposed to noise prone areas.
6.2	From industrial or similar processes	Yes	Low level noise is being/ will be produced from other industrial activities. For heat and stress due to exposure to thermal radiation in the hot working zones, the worker is being /will be provided with heat resistant aprons.
6.3	From construction or demolition	No	No construction activity is proposed for enhancement in production.
6.4	From blasting or piling	No	No blasting or piling activity is envisaged.
6.5	From construction or operational traffic	No	Operational traffic shall be same and hence there will be no addition to the noise level.
6.6	From lighting or cooling systems	No	Noise from cooling systems will be negligible and no adverse impact from lighting.
6.7	From any other sources	No	Noise from any other sources is not anticipated.

7. Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data			
7.1	From handling, storage, use or spillage of hazardous materials.	No	Hazardous waste is being/will be handled as per the Hazardous & Other Waste Management Rules 2016. For proposed production enhancement, the existing safe practices will be followed. So, there is no chance of contamination of land and water bodies.			
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge).	No		Source	Quantity (KLD)	Disposal Method
				Workers canteen & Kitchen of guest house	45	Reused after treatment at STP (Sewage Treatment Plant).
				Domestic waste from Admin. Building & Other area etc.	43	Disposed through, septic tanks via soak pit.
				Cooling blow down and back wash of soft water plant	91	Settling tank & re used.
7.3	By deposition of pollutants emitted to air into the land or into water	No	The emission from the production process passed through Bag Filters of the Gas Cleaning Plant to retain flue dust particles. The PM (Particulate Matter) level will be maintained below PCB Norm. Therefore, no deposition of pollutants on land water is envisaged.			
7.4	From any other sources.	No	There is no chance of contamination of land or water from any other sources.			
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	There are no such pollutants, which will create a risk of long term build up in the environment.			

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment.

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	Yes	There is no hazardous material involved except the auxiliary fuel system i.e. HSD & Liquid Oxygen. HSD stored in underground tank of 22 KL capacity and Liquid Oxygen stored in above ground tank of 11 KL capacity. The fire and explosion indices for different facilities at the project are depicted and Safe Operating Procedure is being/ will be followed to avoid any kind of accidents.
8.2	From any other causes	Yes	The risk involved due to other causes are:

			<ul style="list-style-type: none"> • Handling of hot metal and slag • Fire due to short circuit in the high-tension line. <p>As this is an existing plant, the mitigative measures are followed strictly and covered under 'Risk Assessment and Disaster Management Plan'.</p>
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	The project falls under Seismic Zone II and is geologically stable and does not come under Flood Zone.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality:

Sl. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other 	Yes	Due to the project, following benefits for the people of surrounding villages are expected: - <ul style="list-style-type: none"> ➤ Better opportunity and Socio-economic development of the region & of the people. ➤ Improved Communication & transportation facilities.
9.2	Lead to after-use of the site, which could have an impact on the environment.	No	Not envisaged.
9.3	Set a precedent for later developments	Yes	There will be developmental activities due to the proposed project. The company has carried out various CSR activities for the development of the locality every year. For the year 2017-18 includes educational development, youth development, infrastructure development, environmental conservation, tourism development, women empowerment, tribal development, health awareness & disaster management.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects.	Yes	There are only two other major industries at Balgopalpur Industrial Estate, others are small scale industries. The project will not have significant adverse impact on the environment.

(ii) Environmental Sensitivity:

Sl. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Yes	Kuldiha Wildlife Sanctuary (~13 km in SW direction)

2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.	Yes	<ul style="list-style-type: none"> Kuldiha Wildlife Sanctuary (~13 km in SW direction) Mitrapur Reserve Forest (3.5 km in WNW direction) Swarnachuda RF (5.5 km in WSW direction) RF (5.5 km in NNW direction) Tinkusia RF (8.9 km in WNW direction) Sunai Nadi (2.5 km in North direction) Prasanna Nala (5.0 km NNE direction) Daula Nala (5.5 km SSE direction) Ghangahar Nadi (6.5 km NNE direction) Ghagra Nala (8.0 km West direction) River Burhabalanga (8.5 km ENE direction) Chakunda Nala (9.0 km NW direction) Ghagra Nadi (~ 9.0 km in WSW direction)
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	The existing plant site is not used by any protected, important or sensitive species of flora or fauna for breeding, nesting, foraging resting over, and winter migration.
4	Inland, coastal, marine or underground waters	No	There are no inland, coastal, marine or underground waters within 15 kms from project site.
5	State, National boundaries	No	No state or national boundaries exist within 15 km radius.
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	No such routes or facilities are within the area or in the Industrial Estate.
7	Defense installations	No	Not applicable
8	Densely populated or built-up area	Yes	A small town Remuna is located at 4 km.
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	NO	There is no sensitive man made land uses in and around the existing plant.
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	No	The Plant does not contain any important, high quality or scarce resources.
11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	No	It is an existing plant and the impact on environment of the proposed production enhancement is not envisaged.
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	No	The area is not sensitive to earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions.

UNDERTAKING

"I do hereby undertake that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given if any to the project will be revoked at our risk and cost.

Date: 19.09.2018

Place: Bhubaneswar



Signature of the applicant

With Name and Full Address

(Project proponent/Authorized Signatory)

Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 will submit with the application a C.R.Z. map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z. (at the stage of ToR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action will also be taken to obtain the requisite clearance under the provisions of the C.R.Z. Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent will submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).
3. All correspondence with the Ministry of Environment & Forests including submission of application for ToR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent will be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.

