



## STATE POLLUTION CONTROL BOARD, ODISHA

### FORMAT DEVISED FOR CONDUCTING INSPECTION OF MINE

1.	Name of the mine inspected	:																										
2.	Location of the mine	:																										
3.	Surroundings	:																										
4.	Date and time of inspection	:																										
5.	Name of the person and designation met during inspection	:																										
6.	Last consent valid up to	:																										
7.	Consent to operate applied for the period for production of	:																										
8.	Production of sized	:																										
9.	Mine lease validity period	:																										
10.	State of affairs of the mine	:																										
11.	Total lease hold area of the mine	:																										
12.	Total forest area of the mine	:																										
13.	Detail of the other areas (Non – Forest Area, Waste Land and Agricultural Land etc.)	:																										
14.	Area under active mining operation	:																										
	1. Forest area under active mining	:																										
	2. Non-Forest area under active mining	:																										
	3. Forest and non- forest area already utilized for mining operation	:																										
15.	Area covered under other activities (road, colony, quarters, mineral processing plant etc. other than mining operation)	:																										
16.	No of active quarry/pit	:																										
17.	No of non-active quarry/pit & present status	:																										
18.	No of abandoned quarry/pit & present status	:																										
19.	Production details for last five years & production in 1993-94 or preceding year highest production (to be verified from IBM returns/other sources)	:	<table border="1" style="width: 100%; height: 50px; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																									
	Consented quantity in TPA	:																										
20.	Stripping ratio (ore: overburden) (current year)	:																										
21.	Volume of waste generated	:																										
	(i) Top soil	:																										
	(ii) OB	:																										
	(iii) Other waste	:																										



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22.	Details of Top soil/OB / waste	:	
	• Area earmarked for dumping	:	
	(i) Top soil	:	
	(ii) OB	:	
	(iii) Other waste	:	
	• No of old top soil dumps and area covered	:	
	• No of active top soil dumps and area covered	:	
	• No of old OB/waste dumps and area covered	:	
	• No of active OB/waste dumps and area covered	:	
23.	Details of the mineral processing activity	:	
	i) Crushers/Screen (give nos. & capacity)	:	
	ii) Beneficiation plant (type & capacity)	:	
24.	Details of the nearby surface water body if any	:	
25.	Source of water	:	
26.	Quantity of water use for various purposes	:	
	1) Water sprinkling	:	
	2) Dust suppression	:	
	3) Beneficiation	:	
	4) Domestic	:	
	5) Others	:	
27.	OBSRVATIONS (The following details to be verified at the site for writing report)		
	Type of mining operation (manual/semi-mechanized/mechanized)	:	
	Total manpower deployed for mining (manpower strength)	:	
	Type and numbers of machinery, equipments, vehicles deployed for mining operation	:	
	Drilling and Blasting method (verify whether pollution control system in the drillings and controlled blasting followed or not)	:	
	Top soil management practice (verify the practice being followed as per the mining plan and Environmental Management Plan or not.	:	
	Over burden/waste management practice (verify the practice being followed as per the mining plan and EMP or not)	:	



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	Provision of check dam and garland drains with sedimentation basin to prevent direct flow of run off	:	
	Haulage roads details (Nos. type of road and its length), DS methods	:	
	Transportation roads details (Nos. type of road and its length)	:	
	Measures taken for control of fugitive emission from various sources (haul road, transportation road beneficiation plant, mineral handling plant, railway siding, ore stacking area etc and its operational status)	:	
	Frequency of water sprinkling on haulage roads and nos. and capacity of sprinkling devices	:	
	Existence of rut and potholes on haul and transportation roads	:	
	Frequency of water sprinkling on permanent transportation roads / existence of fixed water sprinklers and its operational status	:	
	Whether monitoring of ambient air quality (core and buffer zone) and wastewater are being carried out by the mine and results are submitted to the Board	:	
	Ambient air quality(Monitoring of ambient air must be done at the time of inspection and report be enclosed along with report)	:	
	Management of mine drainage water (verify the details- qty of generation, details of ETP , collect samples from inlet and out lets, verify the details of the out lets, mode of final disposals i.e. into the non-working pit for ground water recharge or on land or into surface water body and quantity of final discharge etc.)	:	
	Management practice for surface run off (Verify the details – qty, treatment practice adopted, mode of disposal etc.)	:	
	Management practice of work shop effluent (Verify the details – qty, treatment practice, mode of disposal etc.)	:	



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	Management practice of wastewater of beneficiation plant	:	
	Analysis report of wastewater discharges from all the sources( samples to be collected and analysis results to be enclosed along with the report)	:	
	Ground water quality of the area (data can be obtained from the mine)	:	
	Status of submission of environmental statement (verify the details given on the spot)	:	
	Plantation activity (obtain details)	:	
	Management of hazardous waste(Type, qty, treatment practice , disposal practice and status of authorization)	:	
28.	DEFICIENCIES ( <i>non-compliances if any to the consent conditions observed during inspection</i> )	:	
29.	Areas that require further improvement	:	
30.	Conclusion	:	

Signature of inspecting officer  
(with Name, designation and office address)