
Environmental Management Guideline

To

I hereby submit the monitoring report for construction stage in accordance with the Monitoring Plan described in Environmental Conservation and Prevention Plan.

I. General Information

1. Company Name :

2. Location :

3. Approval No. of ECPP :

4. Approval of IEE/EIA, if any :

5. Construction Period :

from to (Totally months/years)

6. Monitoring Period:

from to

7. Timing of Monitoring Report Submission: (*Make a check in appropriate submission)

1) First Submission

2) Second Submission

8. Date of first submission (if second submission is selected):

9. Construction Company :

Name :

Address :

Project Manager :

Contact Number :

Email :

10. Implementing Organization for Monitoring:

Name :

Address :

Name of Responsible Person :

Contact Number :

Email :

II. Monitoring Plan for Construction Stage

Monitoring item	Description	Location	Frequency
C-1 Pollution Control			
C-1.1 Noise and Vibration	<ol style="list-style-type: none"> We use sound proof generator and taking regular inspection. We take regular inspection and maintenance on machinery We manage overtime work not to be annoying surroundings by construction works. 	<ol style="list-style-type: none"> Construction and office use In-site inspection 	Monthly
C-1.2 Wastewater	<ol style="list-style-type: none"> We collect rain water and washing bay water to temporary sedimentation pit, and discharge to drainage We use bio tanks for toilets. Add bio media regularly. 	<ol style="list-style-type: none"> Temporary drainage & Washing bay Toilets 	<ol style="list-style-type: none"> Flow out or pump out if the sedimentation pit is full of water 5months or If the smell comes out
C-1.3 Dust	<ol style="list-style-type: none"> We take water spraying on the ground if the road is dusty. We take road cleaning work if the pavement is dirty We use ready mixed concrete to avoid dusty from cement bags. 	<ol style="list-style-type: none"> Temporary access Road Surrounding Plant Concrete works 	<ol style="list-style-type: none"> If the road is dusty If the road is dirty All concrete casting
C-1.4 Exhaust Gas	<ol style="list-style-type: none"> We take daily inspection to all machinery before using. If any failure ie much smoke coming out, we stop using 	Excavator, crane, loader, roller & Generators	monthly

Monitoring item	Description	Location	Frequency
	<p>that machine until repairing work finish.</p> <p>2. We take monthly maintenance on machinery by mechanic.</p>		
C-1.5 Solid Waste	<p>1.We collect solid waste to waste storage place and dispose by trucks to local municipal waste plant.</p> <p>2. we make waste storage place with cover and barricade.</p> <p>3. we make separate place with hazardous and non-hazardous waste.</p>	1. Municipal Waste Collection Plant	3m3 / time
C-1.6 Oil Leakage	<p>1.We take daily inspection on machinery by operator/ helper every morning before working.</p> <p>2.We make fuel storage tank raised above the ground, and checking by visual inspection every day.</p>	<p>1.Machinery equipment</p> <p>2.Fuel storage tank</p>	Daily
C-2 Water Use	Collect water by water tanks and distributes for using.	Construction use, washing, site office and toilets	Daily
C-3 Occupational Health and Safety	<p>1.We take tool Box Talk every morning before work.</p> <p>2.We give Safety Induction Training to New workers before start working.</p> <p>3.We give Safety Awareness trainings every month to respective engineer, supervisor and workers.</p> <p>4. We take Site visit patrol, issue comment and suggestions and we take safety coordination meeting every week</p>	<p>1.Assembly Area</p> <p>2.Site Meeting Room</p> <p>3.Site Meeting Room</p> <p>4. Site Meeting Room</p>	<p>1.Daily</p> <p>2.Every New workers arrive</p> <p>3.Monthly</p> <p>4. Weekly</p>
C-4 Community Health and Safety	<p>For prevention of community health and safety,</p> <p>1. we take mass tool box talk and announce by posters occasionally</p> <p>2. we take pest control work every week.</p> <p>3. We take temperature checking to all workers and staffs before working during awareness of H1N1 epidemic precautionary measure</p>	1. Assembly Area	<p>1. Monthly</p> <p>2. Weekly</p> <p>3. everyday</p>

Monitoring item	Description	Location	Frequency
C-5 Other Social Considerations	We we call skilled and unskilled workers including ladies and men from local community around XXX to work for construction in our site.	Construction site	everyday
C-6 Emergency Risks	We take mass tool box talk to all workers, supervisors and engineers for emergency evacuation For prevention of fire incident, we provide fire extinguishers, warning signs and water taps in site.	Assembly Area	monthly

**In case of the applicants who prepared IEE/EIA report, the monitoring plan described in IEE/EIA should be described here.*

III. Complaints from the Community

1. Are there any complaints/requests from the community during the monitoring period?

- Yes No

If marked "Yes", please describe the complaints/requests and its response as follow:

Complaints receiving date	Type of Complaints/Requests	Description	Actions

IV. Monitoring Results in the current monitoring period

1. Monitoring Results for Pollution Control

1.1 Overall status of implementation of mitigation measures for pollution control

Monitoring Item	Mitigation Measures	Frequency	Evidences

1. Noise and Vibration	<ol style="list-style-type: none"> 1. We use sound proof generator and taking regular inspection. 2. We take regular inspection and maintenance on machinery 3. We manage overtime work not to be annoying surroundings by construction works. Normally, we do not work after 7pm. 	Daily	
2. Wastewater	<ol style="list-style-type: none"> 1. We collect rain water and washing bay water to temporary sedimentation pit, and discharge to XXX drainage 2. We use bio tanks for toilets. Add bio media regularly. 	Everyday	
3. Dust Control	<p>We spray water if the access is dusty.</p> <p>We clean the pavement , if it is dusty and dirty.</p>	Every day	
4. Exhaust Gas Control	To control exhaust gas from generator and machinery, we take daily checklist and regular inspection and maintenance by mechanic	Daily	
5. Solid Waste Management	<ol style="list-style-type: none"> 1. We provide rubbish bins near workplace , workshop and office. We make central waste storage place , and collect rubbish from bins there. 2. We dispose the rubbish to Waste collection plant from XXX Municipal if the rubbish collected about one truck, or if the strong smell comes out. 	<ol style="list-style-type: none"> 1. Weekly 2. monthly or every 3m3 of waste collected 	
6. Oil Leakage	<p>To avoid from oil leaking from diesel tank and machines, For diesel storage, we raised diesel tanks above the ground so that we can easily check the tank and know the leakage in time. We check visual condition every day. We provide empty drum in case of leakage fuel storage.</p> <p>We take daily inspection and checklist on machines so that we can know any leakage and take repairing work in time.</p>	Daily	

1.2 Records of mitigation measures for controlling noise and vibration generation (e.g. method of monitoring such as notification of working schedule, overnight working hour record, etc.) with photograph and attachments, if any

Month/Year	Method of Monitoring	Description

1.3 Records of mitigation measures for controlling wastewater (e.g. method of monitoring such as installation of sedimentation pond for turbid water, record of sewage/sludge disposal, etc.) with photograph and attachments, if any

Month/Year	Method of Monitoring	Description

1.5 Records of mitigation measures for controlling exhaust gas (e.g. method of monitoring such as machinery maintenance, record of huge machine operation, etc.) with photograph and attachments, if any

Month/Year	Method of Monitoring	Description

1.6 Records of mitigation measures for solid waste management (e.g. method of monitoring such as checking the status of solid waste storage condition, records of solid waste disposal, records of other activities, etc.) with photograph and attachments, if any

Month/Year	Method of Monitoring	Description

2. Monitoring Results for Water Use

2.1 Records of the use of water supply from XXX or tube well or other resources

Month / Year	Amount of water use, m3 (monthly)	Source of water supply	Note

3. Monitoring Results for Occupational Health and Safety

3.1 Records of minor and major accidents/ infectious diseases inside the construction site

Month/Year	Type of accidents/ infectious diseases	Description	Response Actions

Note: If there is no accidents and infectious diseases, please fill "No accidents and infectious diseases"

3.2 Records of safety training/instructions to the construction workers

Month/Year	Type of safety	Description

	training/instructions	
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Note: If there is no safety training/instructions, please fill "No Safety Training/Instruction"

3.3 Record of other plans/ proper arrangements considering for the convenience of construction workers (e.g., announcement of safety environmental rules and regulations, drinking water supply, resting places, first aid kit preparation, incentive plans for safety awareness and compliance, etc.)

Month/Year	Type of plans	Description
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Note: If there is no other plans, please fill "No other plan"

4. Monitoring Results for Community Health and Safety

4.1 Records of accidents/ infectious diseases related to the community

Month/Year	Type of accidents/ infectious diseases	Description	Actions
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Note: If there is on accidents and infectious diseases, please fill "No accidents and infectious diseases"

5. Monitoring Results for Other Social Considerations

5.1 Does the Contractor provide job opportunities to local community around XXX during the monitoring period?

Yes No

If marked "Yes" , please describe the record as follow:

Month / Year	Total number of workers from nearby villages	No. of workers (Male)	No of workers (Female)	Note
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5.2 Are there other social considerations such as contribution to living and livelihood? If any, Please describe with photograph or record.

6. Monitoring Results for Emergency Risks

6.1 Is there any emergency risk such as fire, flood, and earthquake during the monitoring period?

Yes No

If marked "Yes", please describe as follow:

Type of Emergency	
Date and Time	
No. of injuries (person)	
Status of Loss	
Response Plan/Status with record/ photographs	
Other information	

6.2 For prevention of fire incident, we provide fire extinguishers, warning signs and water taps in site. List of fire extinguisher we provided are as follows.

Sr. No.	Location	Quantity
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Date: 20.10.2017

Signature of the Applicant :

Name :

Title :

Tel. No. :

E-mail :

Address :