

III.ENVIRONMENTAL PROTECTION

**Version 3
(March 2017)**

III. Environmental Protection

As for environmental protection for setting up a business and commencement of commercial operation by an investor in Thilawa Special Economic Zone (TSEZ), the following actions are requested in the three stages; “Preparatory stage for starting construction”, “Construction stage”, and “regular operation stage”.

Step 1: Preparatory stage for starting construction

ECPP Preparation

1. An Investor, which obtained the Investment Permit issued by Thilawa Special Economic Zone Management Committee (TSMC) and the Company Registration Certificate issued by the DICA Section of OSSC, shall apply for **Environmental Conservation and Prevention Plan (ECPP)** for starting construction work.
2. The Investor prepares the draft ECPP application after downloading ECPP application form and submits necessary documents (draft version of ECPP) either in person or online to Front Office of OSSC.
3. The Environment Section of OSSC reviews the draft ECPP and appraises the submitted ECPP considering necessity of IEE or EIA in accordance with the criteria defined by TSMC.
4. The Front Office of OSSC delivers the comments on draft ECPP including judgment of necessity of IEE/EIA to the Investor within ten (10) working days.
5. The Investor submits required documents (final ECPP with cover letter) either in person or online to Front Office of OSSC.
6. The Environment Section of OSSC reviews final ECPP and appraises the submitted ECPP taking MJTD’s comments into consideration, **if any** and prepares an approval of ECPP.
7. After receiving the approval of the TSMC, the Front Office of OSSC delivers the approval of ECPP to the Investor within 10 working days.

IEE Study (if required)

1. The Investor, which is **requested to implement IEE study** judged by TSMC through appraisal of ECPP, shall complete the IEE study **before commencement of commercial operation** by independent third party organization(s)/consulting firm(s).
2. **After engaging the independent third party organization(s)/consulting firm(s) for IEE study, the Investor submits the information of third party organization(s)/consulting firms(s) with the proposed schedule for IEE study to the Front Office of OSSC.**

3. The Investor submits necessary documents (**Draft IEE Report in English, Summary of IEE Report in English and Myanmar**, and cover letter) with the request of arrangement of **Public Disclosure(PD) and Public Consultation Meeting(PCM)** to the Front Office of OSSC.
4. The Environment Section of OSSC issues **Official letter for PD and PCM** to the Investor within five (5) working days.
5. The Investor (or Independent third party organization(s)/consulting firm(s) which will conduct IEE study) arranges and implement PD and PCM in accordance with procedures of OSSC.
6. The Environment Section of OSSC reviews draft IEE Report and appraises the submitted the draft IEE Report.
7. Environment Section of OSSC issues **Notification of Comments on Draft IEE Report** to the Investor through the Front Office of OSSC within 30 working days for the draft IEE Report.
8. The Applicant submits required documents (**Final IEE Report in English, Summary of IEE Report in English and Myanmar**, and cover letter) to the Front Office of OSSC.
9. After reviewing final IEE Report, the Environment Section of OSSC issues **Approval of IEE** to the Applicant through the Front Office of OSSC within 30 working days for IEE Report.

EIA Study (if required)

1. The Investor, which is **requested to implement EIA study** judged by TSMC through appraisal of ECPP, shall complete the EIA study **before commencement of commercial operation** by independent third party organization(s)/consulting firm(s). If an Investor may has the risks of severe environmental and social impacts, TSMC may request the Investor to **receive the Approval of Scoping Report of the EIA study** before commencement of the construction work.
2. After engaging the independent third party organization(s)/consulting firm(s) for EIA study, the Investor submits the information of third party organization(s)/consulting firms(s) with the proposed schedule for EIA study to the Front Office of OSSC.
3. The Investor prepares the **Draft Scoping Report** after receiving the approval of ECPP and submits necessary documents (**Draft Scoping Report in English, Summary of the Report in English and Myanmar**, and cover letter) with the request of arrangement of **PD and PCM** to the TSMC/ OSSC.

4. The Environment Section of OSSC issues **Official letter for PD and PCM** to the Investor within three (3) working days and conduct the preliminary review on the Draft Scoping Report.
5. The Investor (or Independent third party organization(s)/consulting firm(s) which will conduct EIA study) arranges and implement PD and PCM at the Scoping stage of EIA study in accordance with procedures of OSSC.
6. The Environment Section of OSSC reviews draft Scoping Report and appraises the submitted the draft Scoping Report.
7. Environment Section of OSSC issues **Notification of Comments on Draft Scoping Report** to the Investor through the Front Office of OSSC within 10 working days for the draft EIA Report.
8. The Applicant submits required documents (**Final Scoping Report in English, Summary of Scoping Report in English and Myanmar**, and cover letter) to the Front Office of OSSC.
9. After reviewing final Scoping Report, the Environment Section of OSSC issues **Approval of Scoping Report** to the Applicant through the Front Office of OSSC within 10 working days for EIA Report.
10. Simultaneously, the Environment Section of OSSC requests the Ministry of Natural Resources and Environmental Conservation (MONREC) to formulate **Mobile Review Team** for appraising the EIA report of the respective business project.
11. The MONREC comprises the Mobile Review Team with Director General of Environmental Conservation Department (ECD)-MONREC, Officers from EIA Division and Pollution Control Division of ECD, and Officers from related Ministries such as Ministry of Industry (MOI), Ministry of Health and Sport (MOHS) and Ministry of Labor, Immigration and Population (MOLIP), and Ministry of Construction (MOC).
12. The Investor prepares the **Draft EIA Report** after receiving the approval of Scoping Report and submits necessary documents (**Draft EIA Report in English, Summary of EIA Report in English and Myanmar**, and cover letter) with the request of arrangement of **PD and PCM** to the TSMC/ OSSC.
13. The Environment Section of OSSC issues **Official letter for PD and PCM** to the Investor within five (5) working days and conduct the preliminary review on the Draft EIA Report.
14. The Investor (or Independent third party organization(s)/consulting firm(s) which will conduct EIA study) arranges and implement PD and PCM in accordance with procedures of OSSC.
15. As an internal process, the EIA Review Committee is organized with Mobile Review Team from the MONREC, and the Environment Section of OSSC. The appraisal of the

- Draft EIA Report will be conducted at the TSMC's office. The detail procedure of reviewing Draft EIA Report will be described separately.
16. After the appraisal of the Draft EIA Report by the EIA Review Committee, the Environment Section of OSSC issues **Notification of Comments on Draft EIA Report** to the Investor within sixty (60) working days.
 17. The Investor prepares the **Final EIA Report** after receiving the comments on Draft EIA Report and submits necessary documents (**Final EIA Report in English, Summary of EIA Report in English and Myanmar**, and cover letter) to TSMC/OSSC.
 18. After reviewing final EIA Report, TSMC issues either **Approval of the Commencement of Business Development** with the conditions as a prior permission for EIA Study or, if necessary, requests for revision within thirty (30) working days to the Investor.
 19. After receiving the approval, the Investors are permitted to commence the commercial operation of their business.
 20. At the same time, the Environment Section of OSSC submits **the Review Report for the Final EIA Report to the MONREC**. After completing the internal approval process at the MONREC, the MONREC will issue the **Approval of EIA Report** to the Investors via the Environment Section of OSSC.

Step 2: Construction stage

1. During construction stage, the Investor/ the Contractor shall implement Environmental Mitigation Measures and **Submission of Environmental Monitoring Report** in accordance with the submitted ECPP and receives **two or three times inspections**; inspection(s) at construction stage (after 2~3 months from the start of construction and in case of the after 12 months) and inspection at before commencement of commercial operation.
2. The Inspector from Environment Section of OSSC conducts the Inspection at the Project Site according to the checklist items to be inspected with attendance of the person in charge of the Contractor /the person in charge of the Investor.
3. When instructions for the improvement of environmental mitigation measures are pointed out by the Inspector, those instructions shall be described in the Record of Environmental Inspection with expected countermeasures to be taken by the Contractor/the Applicant.
4. The Inspector prepares the **Record of Environmental Inspection** at the site and the person in charge of the Contractor or the Investor receives the original document of Record of Inspection and the Environment Section keeps a copy of Record of Environmental Inspection.

5. Instructions for the improvement of environmental mitigation measures which is pointed out by the Inspector shall be implemented by the Contractor/ the Applicant. The countermeasures taken by the Contractor/ the Applicant shall be described in next Environmental Monitoring Report.
6. If any special instructions, special report related to countermeasures of instruction by the Inspector shall be requested within a certain period. Then, the Applicant submits the special report to the Front Office of OSSC and the Environment Section of OSSC evaluates the performances of the Applicant and reports to the TSMC and OSSC.

Step 3: Regular Operation Stages

1. During regular operation stage, the Investor shall submit **Environmental Monitoring Report** to the OSSC **twice in a year (at the end of September and March)**.
2. The Investor shall implement Environmental Mitigation Measures and receives **the first inspection after 6 months from the start of commercial operation** and additional inspection after the first inspection as necessary.

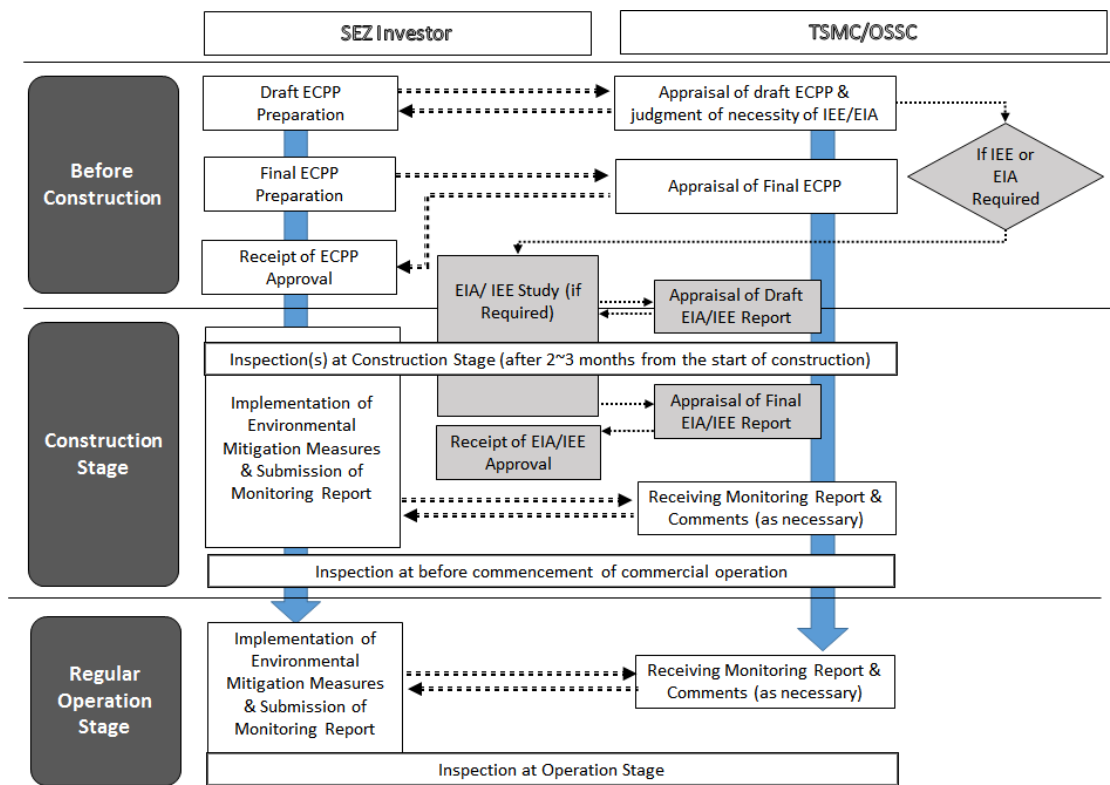


Figure III-1: Overall Procedures for Environmental Management in Thilawa SEZ Zone A

Criteria for requirement of EIA/ IEE

Some Investor(s) which may cause adverse environmental impacts may be required to conduct IEE or EIA. The Thilawa SEZ Management Committee judges necessity of IEE or EIA based on the draft ECPP prepared by Applicants in accordance with the following criteria.

Table: Criteria for requirement of EIA/ IEE

No.	Criteria	Items
1	Requirement of IEE or EIA in accordance with existing criteria by the MONREC, and categories of industries which require integrated pollution prevention and control by international organizations.	(a) Sectors, IEE or EIA based on production capacity, production area, etc.
2	Facing to Residential and Monetary Area	(a) Facing or Not facing
3	Air pollution	(a) Installation of combustion facilities such as boilers, furnaces, engines etc. (b) Materials used for combustion facilities (c) Generation capacity of combustion facilities (d) Amount of emission Gas (e) Possibility of VOC gas emission
4	Water Pollution	(a) Amount of wastewater discharge (b) With toxic or Without toxic
5	Soil Contamination	(a) Possibility of infiltration or leaking of toxic substances
6	Noise and Vibration	(a) Facing to residential area or Monastery area with heavy machinery operation or without heavy machinery operation (b) Not facing to residential area or Monastery area with heavy machinery operation or without heavy machinery operation
7	Odor	(a) Facing residential area and using odor substances (b) Not facing residential and monastery area but using odor substance
8	Hazardous and Chemical Substance	(a) Amount of hazardous and chemical/ fuel/ gas usage (b) Import of by-products as raw materials for production
9	Occupational Health & Safety	(a) Including dangerous works (b) Using VOC (c) Using toxic substances
10	Energy Consumption	(a) Volume of total usage of energy from various energy sources
11	Other environmental element founded by Expert	(a) Based on International Guidelines (b) Practical experiences

Revising

Criteria for requirement of EIA/ IEE shall be reviewed and revised every three years at the beginning of the Myanmar fiscal year (April).

Tasks of EIA/ IEE Studies

An Investor required to conduct IEE or EIA study shall basically follow the tasks of EIA/IEE studies prescribed in the EIA procedure issued by the MONREC in December 2015. The criteria of the screening process and the requirements of the timing of completion of EIA/IEE are particularly set for Thilawa Special Economic Zone because the EIA study on development of infrastructure of the Zone A was prepared by Myanmar and Japan Thilawa Development Ltd. (MJTD) and approved by the Thilawa SEZ Management Committee (TSMC) in December 2014. The MJTD has been implementing environmental management and monitoring activities in accordance with their Environmental Management Plan (EMP). As for environmental management by investors, MJTD prepares internal regulations including environmental standards, prohibited activities, necessary mitigation measures.

1. Approval of Environmental Conservation and Prevention Plan

Necessary Documents submitted by Applicant	<ol style="list-style-type: none"> 1. ECPP application in English (FORM-EN1-2) (Draft version) with required attached documents 2. ECPP application in English (FORM-EN1-2) (Final version) with required attached documents 3. Cover letter for ECPP (FORM-EN1-1)
Number of documents to be submitted	<p>In case of submission in hard copies:</p> <p>For Submission of ECPP Application (Draft version) Hard copies: 2 sets (1 Original, 1 Copy), Soft copies: 1 CD</p> <p>For Submission of ECPP Application (Final version) Hard copies: 3 sets (1 Original, 2 Copies), Soft copies: 2 CDs</p>
Actual Procedures	<p><u>For Submission of ECPP Application (Draft version)</u></p> <ol style="list-style-type: none"> 1. The Applicant prepares the draft ECPP application after downloading ECPP application form (FORM-EN1-1 and FORM-EN1-2). 2. The Applicant submits necessary documents (draft version of FORM-EN1-2) either in person or online to the Front Office of OSSC. 3. The Environment section of OSSC reviews the draft ECPP and appraises the submitted ECPP considering necessity of IEE or EIA in accordance with the criteria. 4. The Front Office of OSSC delivers the comments on draft ECPP including judgement of necessity of IEE/EIA to the Applicant within ten (10) working days. <p><u>For Submission of ECPP Application (Final version)</u></p> <ol style="list-style-type: none"> 1. The Applicant submits required documents (FORM-EN1-1 and FORM-EN1-2) either in person or online to the Front Office of OSSC. 2. The Environment section of OSSC reviews final ECPP and appraises the submitted ECPP taking MJTD's comments into consideration, if necessary. 3. The Environment Section of OSSC prepares an approval of ECPP (FORM-EN1-2) and the TSMC approved it. 4. The Front Office of OSSC delivers the approval of ECPP to the Applicant within 10 working days.
Application Fee	None
Time Frame	<ul style="list-style-type: none"> - 10 working days for appraisal of ECPP Application (Draft version) with the judgement of the necessity of IEE/EIA - 10 working days for reviewing ECPP Application (Final version)
Remarks	<p>-Before or during the preparation of ECPP, the Investor together with the authorized organizations/construction companies which will prepare the ECPP, should visit to the OSSC to explain about its business activities with environmental protection plans in TSEZ and consult with the Environment Section of OSSC.</p>

- If only authorized organization/construction company visits OSSC to explain about business activities with the absence of the Investor, the duration of appraisal of draft ECPP by OSSC may be extended.
- Either both parties (the Investors and the authorized organizations/construction companies) or the Investors shall collect the original Approval of ECPP. The collection of the Approval of ECPP only by the authorized organizations/construction companies is not recommended.

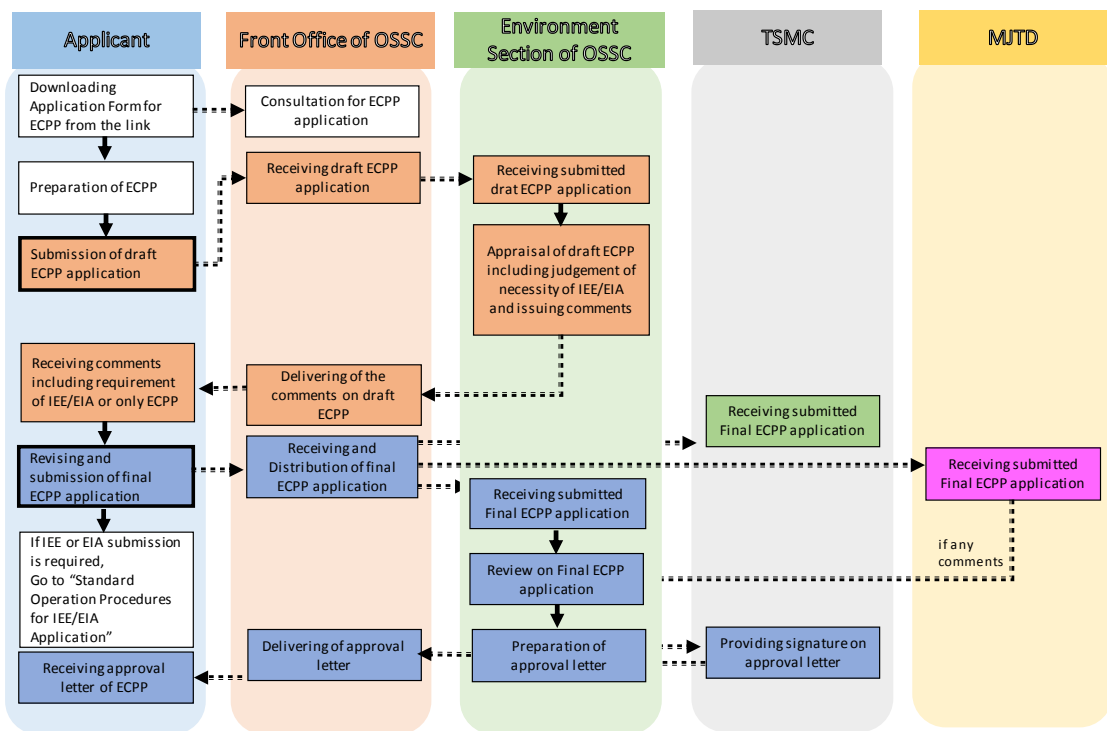


Figure III-2: Procedures for ECPP Application, Environment Section of OSSC

1-1) Application of the New or Revised ECPP

Necessary Documents submitted by Applicant	<ol style="list-style-type: none"> 1. ECPP application in English (FORM-EN1-2) (Draft version) with required attached documents 2. ECPP application in English (FORM-EN1-2) (Final version) with required attached documents 3. Cover letter for ECPP (FORM-EN1-3)
Number of documents to be submitted	<p>In case of submission in hard copies:</p> <p>For Submission of ECPP Application (Draft version) Hard copies: 2 sets (1 Original, 1 Copy), Soft copies: 1 CD</p> <p>For Submission of ECPP Application (Final version) Hard copies: 3 sets (1 Original, 2 Copies), Soft copies: 2 CDs</p>
Actual Procedures	<u>For Submission of ECPP Application (Draft version)</u>

	<ol style="list-style-type: none"> 1. The Applicant prepares the draft new or revised ECPP application after downloading ECPP application form (FORM-EN1-2 and FORM-EN1-3). 2. The Applicant submits necessary documents (draft version of FORM-EN1-2) either in person or online to the Front Office of OSSC. 3. The Environment section of OSSC reviews the draft new or revised ECPP and appraises the submitted new or revised ECPP considering necessity of IEE or EIA in accordance with the criteria. 4. The Front Office of OSSC delivers the comments on draft new or revised ECPP including judgement of necessity of IEE/EIA to the Applicant within ten (10) working days. <p><u>For Submission of ECPP Application (Final version)</u></p> <ol style="list-style-type: none"> 1. The Applicant submits required documents (FORM-EN1-3 and FORM-EN1-2) either in person or online to the Front Office of OSSC. 2. The Environment section of OSSC reviews final ECPP and appraises the submitted ECPP taking MJTD's comments into consideration. 3. The Environment Section of OSSC prepares an approval of ECPP (FORM-EN1-2) and the TSMC approved it. In case of submission of the new ECPP, the former approval of ECPP will be replaced with the current approval of ECPP. 4. The Front Office of OSSC delivers the approval of ECPP to the Applicant within 10 working days.
Application Fee	None
Time Frame	<ul style="list-style-type: none"> - 10 working days for appraisal of ECPP Application (Draft version) with the judgement of the necessity of IEE/EIA - 10 working days for reviewing ECPP Application (Final version)
Remarks	<ul style="list-style-type: none"> -The <u>New ECPP</u> is required to submit OSSC again under the following conditions: <ol style="list-style-type: none"> (1) the change or addition of business activities, new manufacturing processes, type of products, and manufacturing facilities (2) the change or addition of new activities which may cause the environmental, social, and health impacts (3) addition of phases of the business - The <u>Revised ECPP</u> is required to submit OSSC again under the following conditions: <ol style="list-style-type: none"> (1) the extension of the buildings, under the same business activities,same manufacturing processes, and same type of products with less than 10% of external area of the original. - In the preparation of <u>both New ECPP and Revised ECPP</u>, the overall business activities, manufacturing processes, products, etc. including the changes or additions shall be considered as a whole and filled out in the ECPP application form.

1-2) Modification of ECPP

Necessary Documents submitted by Applicant	1. ECPP Modification Form in English (FORM-EN1-5) (Draft version and Final version) with required attached documents.
Number of documents to be submitted	In case of submission in hard copies: For Submission of ECPP Modification Form (Draft version) Hard copies: 2 sets (1 Original, 1 Copy), Soft copies: 1 CD For Submission of ECPP Modification Form (Final version) Hard copies: 3 sets (1 Original, 2 Copies), Soft copies: 2 CDs
Actual Procedures	<u>For Submission of ECPP Modification (Draft version)</u> <ol style="list-style-type: none"> 1. The Applicant prepares the draft ECPP application after downloading ECPP Modification Form (FORM-EN1-5). 2. The Applicant submits necessary documents (draft version of FORM-EN1-5) either in person or online to the Front Office of OSSC. 3. The Environment section of OSSC reviews the draft form and issues comments 4. The Front Office of OSSC delivers the comments on draft form including within ten (10) working days. <u>For Submission of ECPP Modification (Final version)</u> <ol style="list-style-type: none"> 1. The Applicant submits required documents (FORM-EN1-5) either in person or online to the Front Office of OSSC. 2. The Environment section of OSSC reviews final ECPP Modification Form and records in the original file of the Investor.
Application Fee	None
Time Frame	- 10 working days for appraisal of ECPP Modification Form(Draft version)
Remarks	-The <u>ECPP Modification</u> is required to submit OSSC again under the following conditions: (1) the change of building design, floor plan, etc. which will not influence the environmental and social impacts. - The approval of the ECPP Modification will not be issued since the purpose of requesting ECPP Modification is to keep the update information from the Investor.

2. Submission of Scoping Report of the EIA Study

Necessary Documents to be submitted by Applicant	<ol style="list-style-type: none"> 1. Draft/Final Scoping Report in English 2. Summary of Draft/ Final Scoping Report in English and Myanmar 3. Cover letter for submission of Draft/Final Scoping Report (FORM-EN3-1/FORM-EN3-2)
Number of documents to be submitted	<p>In case of submission in hard copies:</p> <p>Hard copies: 3 sets (1 Original, 2 Copies)</p> <p>Soft copies: 2 CDs</p>
Actual Procedure	<p><u>For Submission of Scoping Report (Draft version)</u></p> <ol style="list-style-type: none"> 1. The Applicant submits necessary documents (FORM-EN3-1) either in person or online with the request of arrangement of PD and PCM to the Front Office of OSSC. 2. The Environment section of OSSC arranges official letters for conducting Public Disclosure (PD) and Public Consultation Meeting (PCM) and the Front Office of OSSC distributes the official letters to the Applicant within 5 working days. 3. The Environment section of OSSC reviews draft Scoping Report and appraises the submitted draft Scoping Report. 4. The Environment section of OSSC issues Notification of Comments to the Applicant through Front Office of OSSC within 10 working days. <p><u>For Submission of ECPP Application (Final version)</u></p> <ol style="list-style-type: none"> 1. The Applicant submits required documents (FORM-EN3-2) either in person or online to the Front Office of OSSC. 2. The Environment section of OSSC reviews final Scoping Report. 3. The Environment Section of OSSC prepares an approval of Scoping Report and the TSMC approved it. 4. The Front Office of OSSC delivers the approval of Scoping Report to the Applicant within 10 working days.
Application Fee	None
Time Frame	<p>-10 working days for appraisal of Scoping Report (Draft version)</p> <p>-10 working days for appraisal of Scoping Report (Final version)</p>
Remarks	<ol style="list-style-type: none"> 1. It shall be noted that the Scoping Report of the EIA study should be prepared by an independent third party organization/consulting firm

3. Submission of Draft IEE/EIA Report

Necessary Documents to be submitted by Applicant	<ol style="list-style-type: none"> 4. Draft IEE/EIA Report in English 5. Summary of IEE/EIA Report in English and Myanmar 6. Cover letter for submission of draft IEE (FORM-EN2-1)/ draft EIA (FORM-EN3-3)
Number of documents to be submitted	<p>In case of submission in hard copies: Hard copies: 3 sets (1 Original, 2 Copies) Soft copies: 2 CDs</p>
Actual Procedure	<ol style="list-style-type: none"> 5. The Applicant submits necessary documents either in person or online with the request of arrangement of PD and PCM to the Front Office of OSSC. 6. The Environment section of OSSC arranges official letters for conducting Public Disclosure (PD) and Public Consultation Meeting (PCM) and the Front Office of OSSC distributes the official letters to the Applicant within 5 working days. 7. The Environment section of OSSC reviews draft IEE/EIA Report and appraises the submitted draft IEE/EIA Report, in case of EIA report, the appraisal will be performed by the Mobile Review Team from the MONREC. 8. The Environment section of OSSC issues Notification of Comments to the Applicant through Front Office of OSSC within 30 working days for IEE Report and 60 working days for EIA Report, respectively.
Application Fee	None
Time Frame	<p>-30 working days for appraisal of IEE Report -60 working days for appraisal of EIA Report</p>
Remarks	<ol style="list-style-type: none"> 2. It shall be noted that the IEE/EIA study should be conducted by an independent third party organization/consulting firm

2-1) Conducting of Public Disclosure (PD)

Necessary Documents	<ol style="list-style-type: none"> 1. Summary of IEE/EIA Report in Myanmar 2. Official Letter from Environment Section of OSSC 3. Notice for public disclosure 4. Comment forms
Place to disclose to Public	<ol style="list-style-type: none"> (1) General Administration Department, Yangon South District <ol style="list-style-type: none"> (i) HpaYarKone Village Tract Office (ii) Let Yet San Village Tract Office (iii) Ah LunSoke Village Tract Office (3) General Administration Department, Kyauktan Township <ol style="list-style-type: none"> (i) Aye MyaThi Dar Ward Office (ii) ShwePyiTharYar Ward Office (iii) Thi Tar Myaing Ward Office (iv) ShwePyauk Village Tract Office (v) NyaungWaing Village Tract Office (4) Thilawa SEZ-Management Committee Office (5) Myanmar Japan Thilawa Development Limited Office
Number of documents to be submitted	<p>Item (1) - 2 copies at each place Item (2) - 1 original at YSD-GAD and 1 copy at each other place Item (3) - 2 copies at each place</p>

	Item (4) – 5 copies at each place
Actual Procedure	<ol style="list-style-type: none"> 1. After receiving the official letter from the Environment Section of OSSC, the Applicant (or Third Organization which will conduct IEE/EIA study, hereafter referred as “Third Organization”) distribute the required documents at each described office before expected public disclosure date. 2. The Applicant (or Third Organization) takes the evidence/status of public disclosure. 3. The Applicant (or Third Organization) collects the comments from each office after at least twenty (20) working days of public disclosure. 4. The received comments from public shall be reflected in final IEE/Scoping/EIA report.
Period for public disclosure	20 working days
Remarks	<ol style="list-style-type: none"> 1. For IEE study, public disclosure shall be conducted one time at the stage of draft IEE report 2. For EIA study, public disclosure shall be conducted at least one time at the stage of draft Scoping report and one time at the draft EIA report

2-2) Conducting Public Consultation Meeting (PCM)

Necessary Documents	<ol style="list-style-type: none"> 1. Official Letter from Environment Section of OSSC 2. Notice for public consultation meeting 3. Comment forms
Actual Procedure	<ol style="list-style-type: none"> 1. After receiving the official letter from the Environment Section of OSSC, the Applicant (or Third Organization which will conduct IEE/EIA study, hereafter referred as “Third Organization”) invites to the invitees. 2. The Applicant (or Third Organization) takes the evidence/status of public consultation meetings. 3. The Applicant (or Third Organization) collects comments from stakeholders, and affected persons. 4. The received comments from stakeholders, and affected persons will be reflected in final IEE/Scoping/EIA report.
Place to invite	see the attachment of list of invitees for PCM
Remarks	<ol style="list-style-type: none"> 1. For IEE study, public consultation meeting shall be conducted one time at the stage of draft IEE report. 2. For EIA study, public consultation meetings shall be conducted at least one time at the stage of draft Scoping report and two times (weekday/weekend) at the draft EIA report.

3. Submission of Final IEE/EIA Report

Necessary Documents to be submitted	<ol style="list-style-type: none"> 1. Final IEE/EIA Report in English 2. Summary of IEE/EIA Report in English and Myanmar 3. Cover letter for submission of draft IEE (FORM-EN2-2)/ draft EIA (FORM-EN3-4)
Number of documents to be	In case of submission in hard copies:

submitted	Hard copies: 3 sets (1 Original, 2 Copies) Soft copies: 2 CDs
Actual Procedure	<ol style="list-style-type: none"> 1. The Applicant submits required documents either in person or online to the Front Office of OSSC. 2. The Environmental section of OSSC reviews final IEE/EIA Report and prepares approval of IEE/EIA Report. 3. TSMC issues Approval of IEE and Approval of EIA to the Applicant through Front Office of OSSC within 30 working days for IEE Report and 30 working days for EIA Report, respectively.
Application Fee	None
Time Frame	-30 working days for appraisal of IEE Report -30 working days for appraisal of EIA Report
Remarks	<ol style="list-style-type: none"> 1. Both comments from Environment Section of OSSC and Public shall be reflected in Final IEE/EIA Report. 2. After completion of IEE/EIA study of the Investor, TSMC will notify the completion in the website of TSMC. Anyone who interested can assess the IEE/EIA report at the OSSC office.

Annex-1: List of Invitees for Public Consultation Meeting

- 1) Minister, Yangon Region Government/ Member, Thilawa SEZ Management Committee
- 2) Director, Environmental Conservation Department in Yangon Division, MONREC
- 3) Deputy Commissioner, General Administration Department, Yangon South District
- 4) Administrator, General Administration Department, Thanlyin Township
- 5) Administrator, General Administration Department, Kyauktan Township
- 6) Township Officer, Municipal Department, Thanlyin Township
- 7) Township Officer, Municipal Department, Kyauktan Township
- 8) Housing Department, Ministry of Construction, Thanlyin Township
- 9) Township Officer, Rural Development Department, Thanlyin Township
- 10) Township Officer, Rural Development Department, Kyauktan Township
- 11) Township Health Officer, Department of Health, Thanlyin Township
- 12) Township Health Officer, Department of Health, Kyauktan Township
- 13) Chairman, Thilawa SEZ Management Committee
- 14) Vice Chairman, Thilawa SEZ Management Committee
- 15) Secretary, Thilawa SEZ Management Committee
- 16) Members, Thilawa SEZ Management Committee
- 17) Myanmar and Japan Thilawa Development Ltd.
- 18) Members, One Stop Service Center, Thilawa SEZ Management Committee
- 19) Village Administrators and Villagers from related villages around TSEZ
 - I. Under Thanlyin Township GAD
 - (i) HpaYarKone Village Tract Office
 - (ii) Let Yet San Village Tract Office
 - (iii) Ah LunSoke Village Tract Office
 - II. Under Kyauktan Township GAD
 - (i) Aye MyaThi Dar Ward Office
 - (ii) ShwePyiTharYar Ward Office

- (iii) Thi Tar Myaing Ward Office
- (iv) ShwePyauk Village Tract Office
- (v) NyaungWaing Village Tract Office

- 20) Relevant Companies/Factories in TSEZ
- 21) Other Organizations and individuals who are interested in the Project

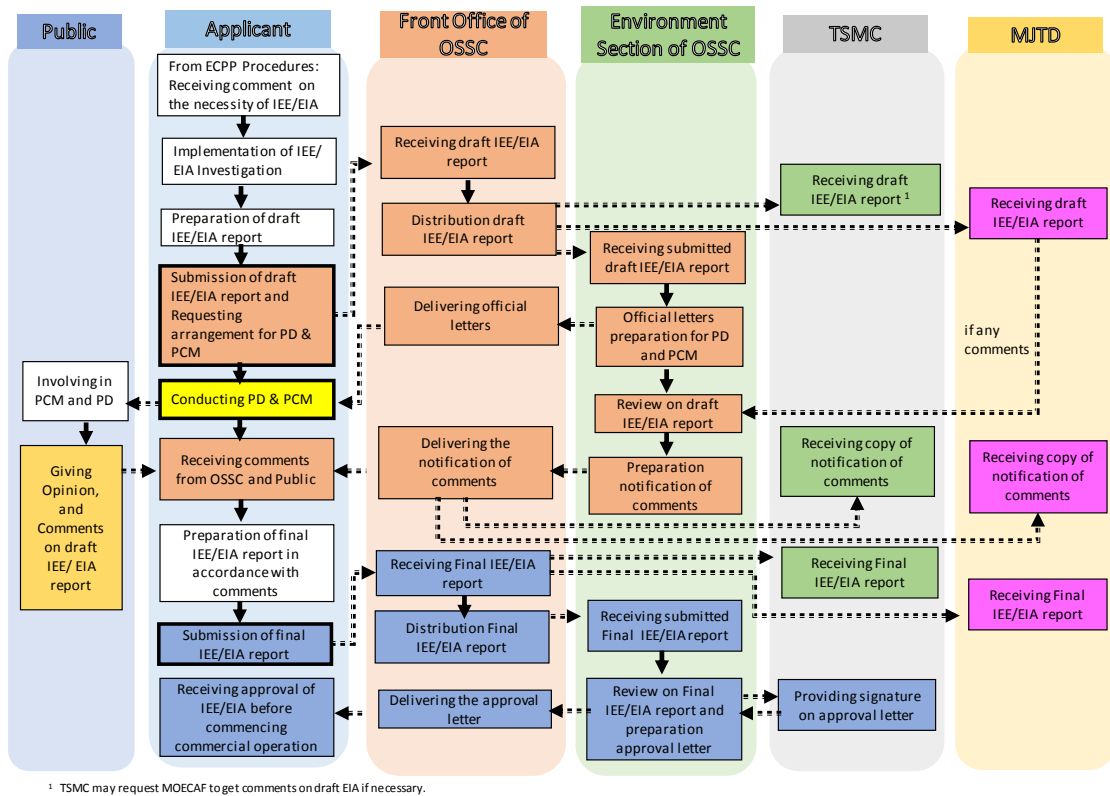


Figure III-3: Procedures for IEE/EIA Application, Environment Section of OSSC

4. Implementation of Environmental Inspection during Construction Stage

Necessary Documents to be submitted by Applicant	Application Form for Environmental Inspection (FORM-EN4-1)
Number of documents to be submitted	In case of submission in hard copies: Hard copies: 2 sets (1 set original and 1 copy) Delivery list : 1 Original to OSSC 1 Copy to JICA Study
Actual Procedure	<ol style="list-style-type: none"> 1. The Applicant prepares application form for inspection after downloading the application form (FORM-EN4-1). 2. The Applicant submits the application form (FORM-EN4-1) either in person or online for Implementation of Inspection at least 15 working days prior to the scheduled inspection date. 3. The Front Office of OSSC informs the actual date of Inspection and the name of Inspector to the Applicant within 5 working

	<p>days after the receiving the application.</p> <ol style="list-style-type: none"> 4. The Inspector conducts the Inspection at the Project Site according to the checklist items to be inspected with attendance of the person in charge of the Contractor /the person in charge of the Applicant 5. When instructions for the improvement of environmental mitigation measures are pointed out by the Inspector, those instructions shall be described in the Record of Environmental Inspection (FORM-EN4-2)) with expected countermeasures to be taken by the Contractor/the Applicant. 6. The Inspector prepares the Record of Environmental Inspection at the site and the person in charge of the Contractor or the Investor receives the original document of Record of Inspection and the Environment Section keeps a copy of Record of Environmental Inspection. 7. Instructions for the improvement of environmental mitigation measures which is pointed out by the Inspector shall be implemented by the Contractor/ the Applicant. The countermeasures taken by the Contractor/ the Applicant shall be described in next Environmental Monitoring Report. 8. If any special instructions, special report related to countermeasures of instruction by the Inspector shall be requested within a certain period. Then, the Applicant submits the special report to the Front Office of OSSC. 9. The Environment Section of OSSC evaluates the performances of the Applicant and reports to TSMC and OSSC.
Application Fee	None
Remarks	<ol style="list-style-type: none"> 1. The application form shall submit to OSSC at least 15 working days prior to the scheduled inspection date. 2. The presence of person in charge of the Contractor who manages implementation of ECPP in construction stage is requested to attend Inspections during construction stage.

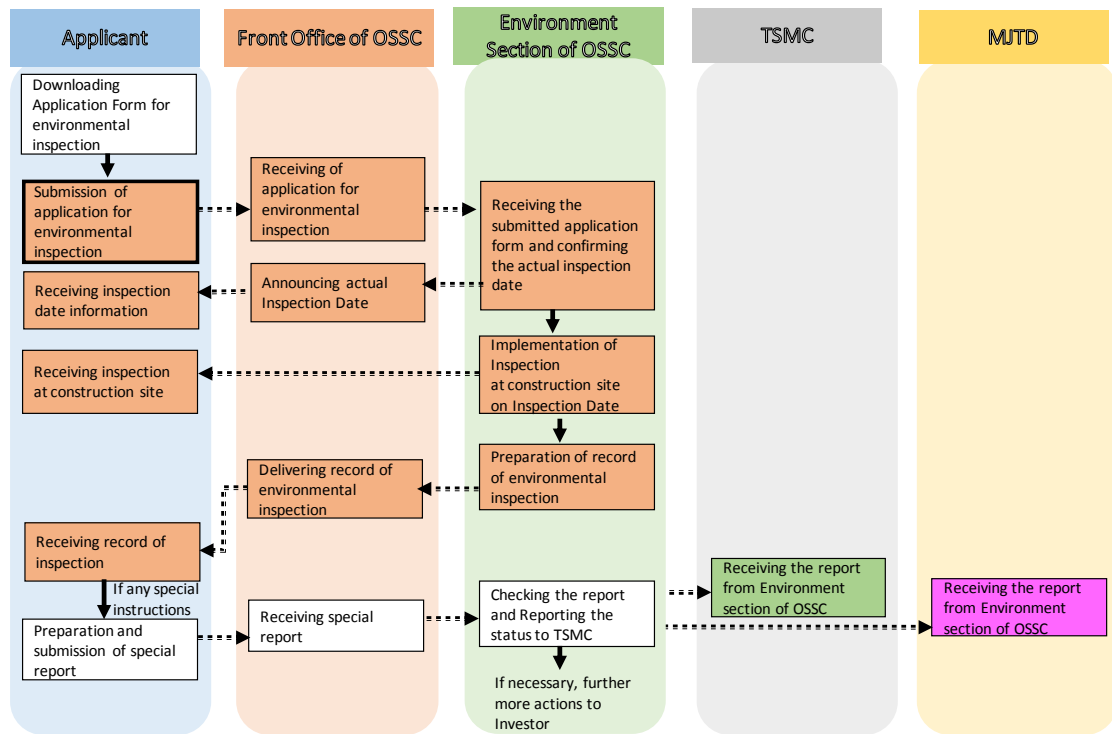


Figure III-4: Procedures for Environmental Inspection during Construction Stage, Environment Section of OSSC

Annex-1 Checklist of Items for Environmental Inspection

Item to be checked
1. Pollution Control
<i>Noise and Vibration</i>
(i) Overnight/night time working and record
(ii) Notice/ Announcement to community
(iii) Installation of noise barrier
<i>Turbid Water</i>
(i) Settling tank in raining season
<i>Septic Tank</i>
(i) Toilet Installation & Nos.
(ii) Septic tank
(iii) Sludge removal/disposal
(iv) Record
<i>Dust</i>
(i) Watering/sprinkling (Frequency)
<i>Exhaust Gas</i>
(i) Operation of truck and machinery
(ii) Instruction to driver
<i>Solid Waste</i>
(i) Waste collection (garbage bin/box)
(ii) Storage condition (waste/recyclable waste)
(iii) Way of Disposal (frequency/amount)

Item to be checked
(iv) Disposal site
(v) Record
2. Occupational Health and Safety
<i>Working condition</i>
(i) Safety Guidance/Instruction to new workers/ workers
(ii) Sufficient drinking water supply
(iii) Enough Resting Place
(vi) Any smoking area
(v) PPE (hard hats, glove, boots, belt, etc.)
<i>Accident</i>
(i) First aid box/kit
(ii) Any accidents & Record
<i>Sanitation</i>
(i) Cleaning of lavatories
<i>Infection</i>
(i) Record
<i>Education and training</i>
(i) Training/ Tool Box meeting/Safety meeting
(ii) Records of training/meeting
3. Community Health and Safety
(i) Guidance to driver
(ii) Any accidents on road
(iii) Speed limit
4. Other Social Consideration
(i) Construction workers from nearby village (How many)
(ii) Records
5. Emergency Risk
(i) Any Emergency Event (Fire/Earthquake/ Flood)
(ii) Records and Response
(iii) Fire extinguish facilities (extinguisher/tank)
(iv) Evacuation area /Access Road
(v) Other activities (Emergency contact no. announcement/ warning sign board)

5. Implementation of Environmental Inspection before Commencing Commercial Operation

Necessary Documents to be submitted by Applicant	Application Form for Environmental Inspection (FORM-EN5-1)
Number of documents to be submitted	In case of submission in hard copies: Hard copies: 2 sets (1 set original and 1 copy) Delivery list : 1 Original to OSSC 1 Copy to JICA Study
Actual Procedure	1. The Applicant prepares application form for inspection after downloading the application form (FORM-EN5-1). 2. The Applicant submits the application form (FORM-EN5-1) either in person or online for Implementation of Inspection at least 15

	<p>working days prior to the scheduled inspection date.</p> <ol style="list-style-type: none"> 3. The Front Office of OSSC informs the actual date of Inspection and the name of Inspector to the Applicant within 5 working days after the receiving the application. 4. The Inspector conducts the Inspection at the Project Site according to the checklist items to be inspected with attendance of the person in charge of the Contractor /the person in charge of the Applicant. 5. When instructions for the improvement of environmental mitigation measures are pointed out by the Inspector, those instructions shall be described in the Record of Environmental Inspection (FORM-EN5-2)) with expected countermeasures to be taken by the Contractor/the Applicant. 6. The Inspector prepares the Record of Environmental Inspection at the site and the person in charge of the Contractor or the Investor receives the original document of Record of Inspection and the Environment Section keeps a copy of Record of Environmental Inspection. 7. Instructions for the improvement of environmental mitigation measures which is pointed out by the Inspector shall be implemented by the Contractor/ the Applicant. The countermeasures taken by the Contractor/ the Applicant shall be described in next Environmental Monitoring Report. 8. If any special instructions, special report related to countermeasures of instruction by the Inspector shall be requested within a certain period. Then, the Applicant submits the special report to the Front Office of OSSC. 9. The Environment Section of OSSC evaluates the performances of the Applicant and reports to TSMC and OSSC.
Application Fee	None
Remarks	<ol style="list-style-type: none"> 1. The application form shall submit to OSSC at least 15 working days prior to the scheduled inspection date. The timing of the expected inspection date should be after the final Inspection for building work and fire safety by the Construction Section of OSSC. 2. The presence of person in charge of the Contractor who manages implementation of ECPP and representative person of the Applicant are requested to attend the Inspections before commencing commercial operation. 3. In case of special instructions, the special report shall be submitted to OSSC before starting actual commercial operation (or) before the Contractor hand over the buildings to the Applicant.

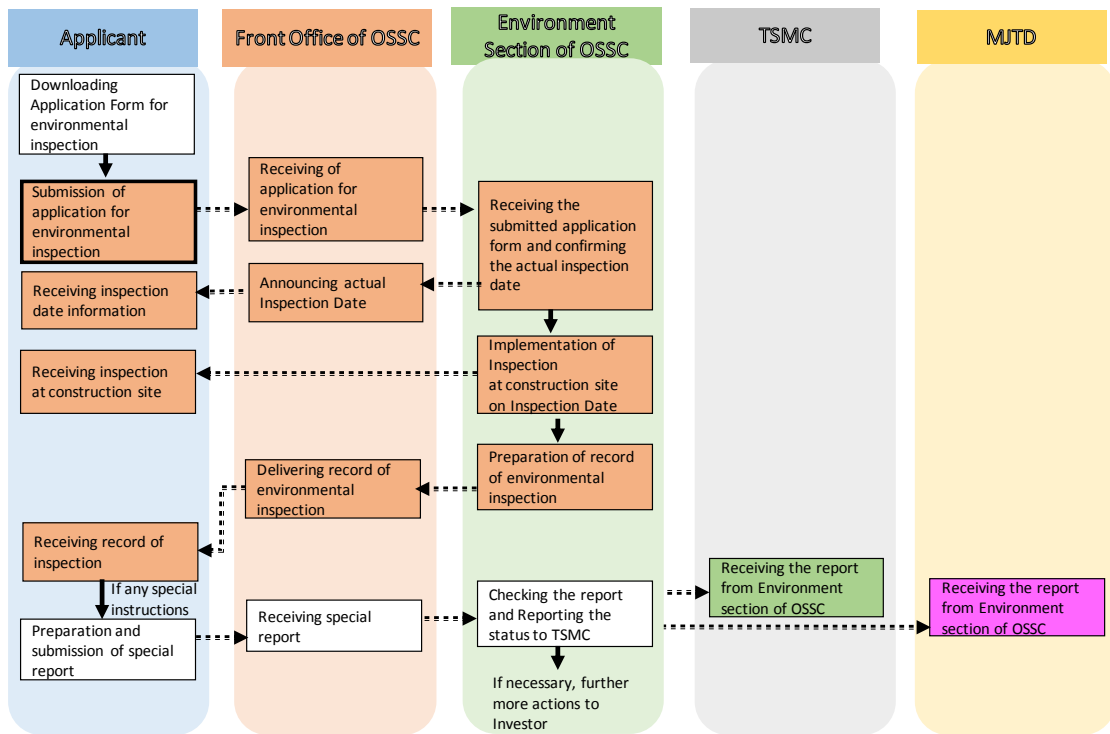


Figure III-5: Procedures for Environmental Inspection before Commencing Commercial Operation, Environment Section of OSSC

Annex-2 Checklist of Items for Environmental Inspection before Commencement of Commercial Operation

Item to be checked
1. Air Pollution
<i>Installation of Combustion Facilities and other machinery</i>
(i) Specification/ location/ installation status of the facilities
(ii) The installation of other necessary facilities related to the main combustion facilities such as stack
<i>Indoor Air Pollution Control</i>
(i) Ventilation System
2. Water Pollution
<i>Water Tank</i>
(i) Water supply system/ installed facilities
<i>Wastewater Facilities</i>
(i) Wastewater discharge system (such cooling tower, toilet, canteen, etc.)
(ii) Installation of wastewater treatment plant for industrial wastewater (Specification, Components, etc.)

Item to be checked
(iii) Installation of septic tank for canteen/office/toilet's wastewater (Bio septic tank, Design, Status, etc.)
(iv) Installation of Final Inspection Manhole
3. Solid Waste
(i) Designated waste storage area for both hazardous solid waste and non-hazardous solid waste
(ii) Recycled storage area
4. Soil Contamination
(i) The status of floor condition (any gutter installation, etc.)
5. Noise and Vibration- Not Necessary yet
6. Odor – Not Necessary yet
7. Hazardous Substance
(i) Installation of hazardous substance storage facilities such as LPG tank and safety condition
(ii) Location and status of hazardous substance storage area
8. Greening
(i) Status of greening area
9. Landscape
(i) Status of landscape condition including fence
10. Local Water Use – Not necessary yet
11. Occupational Health and Safety- Not necessary yet
12. Community Health and Safety- Not necessary yet
13. Other Social Consideration- Not necessary yet
14. Emergency Risks
(i) Status of fire extinguished facilities installation (alarm, horse reel, etc.)

6. Submission of Environmental Monitoring Report for Construction Stage

Necessary Documents to be submitted	<ol style="list-style-type: none"> 1. Environmental Monitoring Report for Construction Stage(FORM-EN6-2) 2. Cover letter for submission of Environmental Monitoring Report for Construction Stage (FORM-EN6-1)
Number of documents to be submitted	<p>In case of submission in hard copies:</p> <p>Hard copies: 3 sets (1 Original, 2 Copies)</p> <p>Soft copies: 2 CDs</p>
Actual Procedure	<ol style="list-style-type: none"> 1. The Applicant submits required documents either in person or online to the Front Office of OSSC. 2. The Environmental section of OSSC reviews the Environmental Monitoring Report for Construction Stage and may request the Applicants to submit additional/ supplemental information on environmental mitigation measures and/ or monitoring activities.
Application Fee	None
Remarks	<ol style="list-style-type: none"> 1. The Applicants shall submit environmental monitoring report for construction stage to the Front Office of OSSC two times at minimum or three times; 1) 1 month after environmental inspection(s) during construction stage and 2) 1 month after environmental inspection before commencement of commercial operation.

7. Submission of Environmental Monitoring Report for Operation Stage

Necessary Documents to be submitted	<ol style="list-style-type: none"> 1. Environmental Monitoring Report for Operation Stage (FORM-EN7-2) 2. Cover letter for submission of Environmental Monitoring Report for Operation Stage (FORM-EN7-1)
Number of documents to be	In case of submission in hard copies:

submitted	Hard copies: 3 sets (1 Original, 2 Copies) Soft copies: 2 CDs
Actual Procedure	3. The Applicant submits required documents either in person or online to the Front Office of OSSC. 4. The Environmental section of OSSC reviews the Environmental Monitoring Report for Operation Stage and may request the Applicants to submit additional/ supplemental information on environmental mitigation measures and/ or monitoring activities, if necessary.
Application Fee	None
Remarks	2. The Applicants shall submit environmental monitoring report for operation stage to the Front Office of OSSC two times per year (at the end of September and March)

8. Implementation of Environmental Inspection before Commencing Commercial Operation

Necessary Documents to be submitted by Applicant	Application Form for Environmental Inspection (FORM-EN8-1)
Number of documents to be submitted	In case of submission in hard copies: Hard copies: 2 sets (1 set original and 1 copy) Delivery list : 1 Original to OSSC 1 Copy to JICA Study
Actual Procedure	10. The Applicant prepares application form for inspection after downloading the application form (FORM-EN8-1). 11. The Applicant submits the application form (FORM-EN8-1) either in person or online for Implementation of Inspection at least 15 working days prior to the scheduled inspection date. 12. The Front Office of OSSC informs the actual date of Inspection and the name of Inspector to the Applicant within 5 working days after the receiving the application. 13. The Inspector conducts the Inspection at the Project Site according to the checklist items to be inspected with attendance of the person in charge of the Applicant. 14. When instructions for the improvement of environmental mitigation measures are pointed out by the Inspector, those instructions shall be described in the Record of Environmental Inspection (FORM-EN8-2)) with expected countermeasures to be taken by the Applicant.

	<p>15. The Inspector prepares the Record of Environmental Inspection at the site and the person in charge of the Contractor or the Investor receives the original document of Record of Inspection and the Environment Section keeps a copy of Record of Environmental Inspection.</p> <p>16. Instructions for the improvement of environmental mitigation measures which is pointed out by the Inspector shall be implemented by the Applicant. The countermeasures taken by the Contractor/ the Applicant shall be described in next Environmental Monitoring Report.</p> <p>17. If any special instructions, special report related to countermeasures of instruction by the Inspector shall be requested within a certain period. Then, the Applicant submits the special report to the Front Office of OSSC.</p> <p>18. The Environment Section of OSSC evaluates the performances of the Applicant and reports to TSMC and OSSC.</p>
Application Fee	None
Remarks	<p>4. The application form shall submit to OSSC at least 15 working days prior to the scheduled inspection date. The timing of the expected inspection date should be after six months from the start of commercial operation.</p> <p>5. The presence of person in charge of the Applicant are requested to attend the Inspection in Operation stage/</p> <p>6. In case of special instructions, the special report shall be submitted to OSSC before starting actual commercial operation (or) before the Contractor hand over the buildings to the Applicant.</p>

List of Forms

FORM-EN1-1	Sample of Covering Letter for Environmental Conservation and Prevention Plan (ECPP) Application
FORM-EN1-2	Application Form of Environmental Conservation and Prevention Plan (ECPP)
FORM-EN1-3	Sample of Covering Letter for Submission of New-Revised Environmental Conservation and Prevention
FORM-EN1-4	Sample of Covering Letter for Submission of Modified Environmental Conservation and Prevention
FORM-EN1-5	ECPP Modification Form
FORM-EN2-1	Sample of Covering Letter for Submission of Draft Initial Environmental Examination (IEE) Report and Request for Arrangement of Public Disclosure
FORM-EN2-2	Sample of Covering Letter for Submission of Final Initial Environmental Examination (IEE) Report
FORM-EN3-1	Sample of Covering Letter for Submission of Draft Scoping Report and Request for Arrangement of Public Disclosure and Public Consultation Meeting
FORM-EN3-2	Sample of Covering Letter for Submission of Final Scoping Report

FORM-EN3-3	Sample of Covering Letter for Submission of Draft Environmental Impact Assessment (EIA) Report and Request for Arrangement of Public Disclosure and Public Consultation Meeting
FORM-EN3-4	Sample of Covering Letter for Submission of Final Environmental Impact Assessment (EIA) Report
FORM-EN4-1	Application for Environmental Inspection during Construction
FORM-EN4-2	Record of Environmental Inspection during Construction
FORM-EN5-1	Application for Environmental Inspection before Commencing Commercial Operation
FORM-EN5-2	Record of Environmental Inspection before Commencing Commercial Operation
FORM-EN6-1	Sample of Covering Letter for Submission of Monitoring Report for Construction Stage
FORM-EN6-2	Environmental Monitoring Report Form for Construction Stage
FORM-EN7-1	Sample of Covering Letter for Submission of Monitoring Report for Operation Stage
FORM-EN7-2	Environmental Monitoring Report Form for Operation Stage
FORM-EN8-1	Application for Environmental Inspection during Operation
FORM-EN8-2	Record of Environmental Inspection during Operation