

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 incase 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.

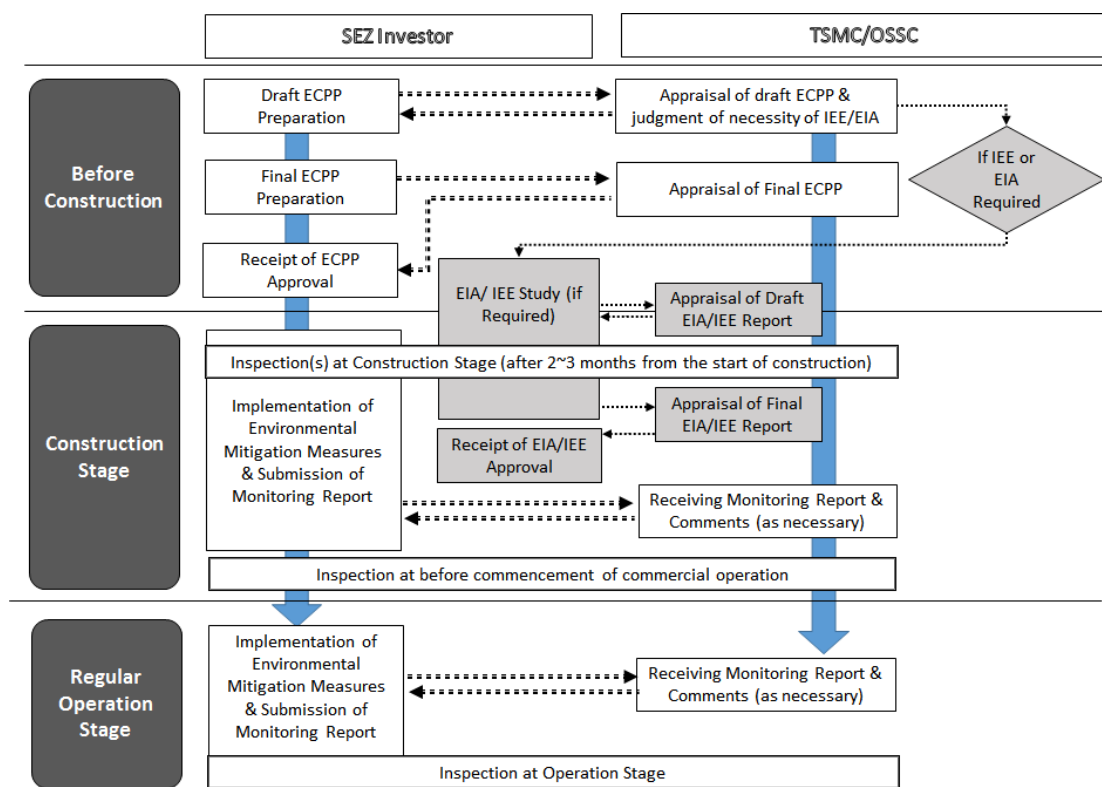


Figure III-1: Overall Procedures for Environmental Management in Thilawa SEZ Zone A

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

No.	Criteria	Items
		(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 judgment 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 judgment of the necessity of IEE/EIA - 10 working days for reviewing ECPP Application (Final version)
Remarks	<ul style="list-style-type: none"> - 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. - 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.

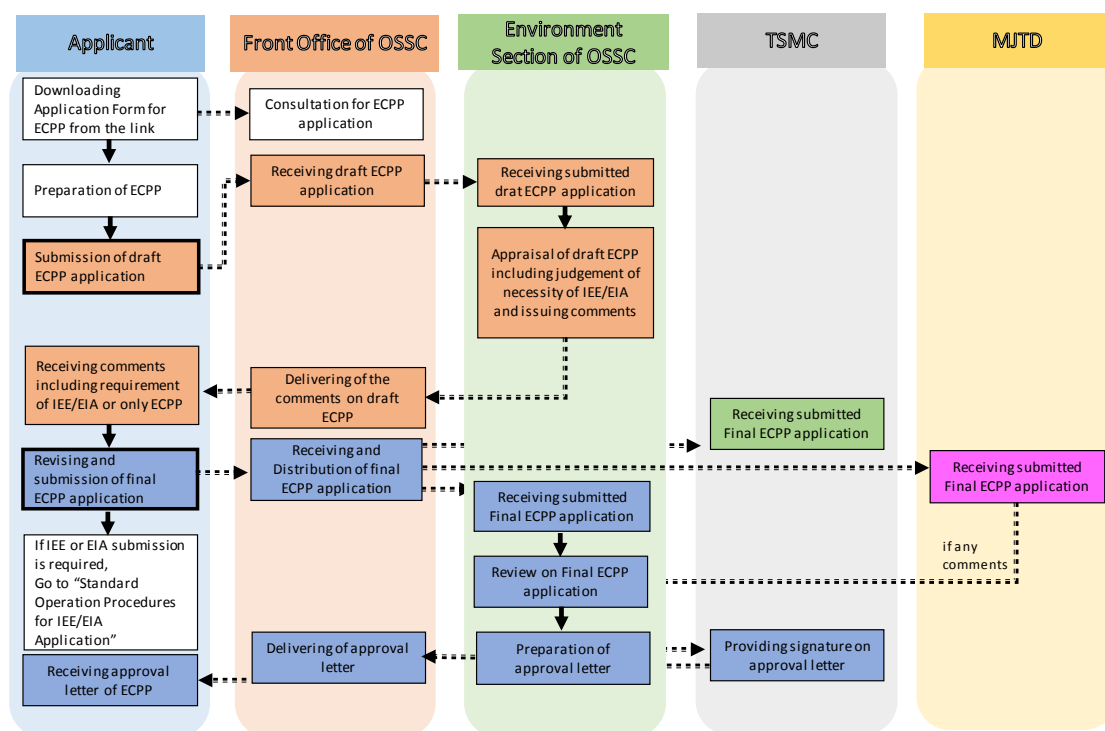


Figure III-2: Procedures for ECPP Application, Environment Section of OSSC

1-1) Application of the New or Revised ECPP

Necessary Documents submitted by Applicant	<ol style="list-style-type: none"> ECPP application in English (FORM-EN1-2) (Draft version) with required attached documents ECPP application in English (FORM-EN1-2) (Final version) with required attached documents 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	<p><u>For Submission of ECPP Application (Draft version)</u></p> <ol style="list-style-type: none"> The Applicant prepares the draft new or revised ECPP application after downloading ECPP application form (FORM-EN1-2 and FORM-EN1-3). The Applicant submits necessary documents (draft version of FORM-EN1-2) either in person or online to the Front Office of OSSC. 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. The Front Office of OSSC delivers the comments on draft new or revised ECPP including judgment 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"> The Applicant submits required documents (FORM-EN1-3 and FORM-EN1-2) either in person or online to the Front Office of OSSC. The Environment section of OSSC reviews final ECPP and appraises the submitted ECPP taking MJTD's comments into consideration.

	<ol style="list-style-type: none"> 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. 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 judgment of the necessity of IEE/EIA 10 working days for reviewing ECPP Application (Final version)
Remarks	<p>-The <u>New ECPP</u> is required to submit OSSC again under the following conditions:</p> <ol style="list-style-type: none"> the change or addition of business activities, new manufacturing processes, type of products, and manufacturing facilities the change or addition of new activities which may cause the environmental, social, and health impacts addition of phases of the business <p>- The <u>Revised ECPP</u> is required to submit OSSC again under the following conditions:</p> <ol style="list-style-type: none"> 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. <p>- In the preparation of both <u>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.</p>

1-2) Modification of ECPP

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

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	1. It shall be noted that the Scoping Report of the EIA study should be prepared by an independent third party organization/consulting firm
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3. Submission of Draft IEE/EIA Report

Necessary Documents to be submitted by Applicant	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	In case of submission in hard copies: Hard copies: 3 sets (1 Original, 2 Copies) Soft copies: 2 CDs
Actual Procedure	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	-30 working days for appraisal of IEE Report -60 working days for appraisal of EIA Report
Remarks	2. It shall be noted that the IEE/EIA study should be conducted by an independent third party organization/consulting firm

3-1) Conducting of Public Disclosure (PD)

Necessary Documents	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	(1) General Administration Department, Yangon South District (2) General Administration Department, Thanlyin Township (i) HpaYarKone Village Tract Office (ii) Let Yet San Village Tract Office (iii) Ah LunSoke Village Tract Office (3) General Administration Department, Kyauktan Township (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	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 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

3-2) 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.

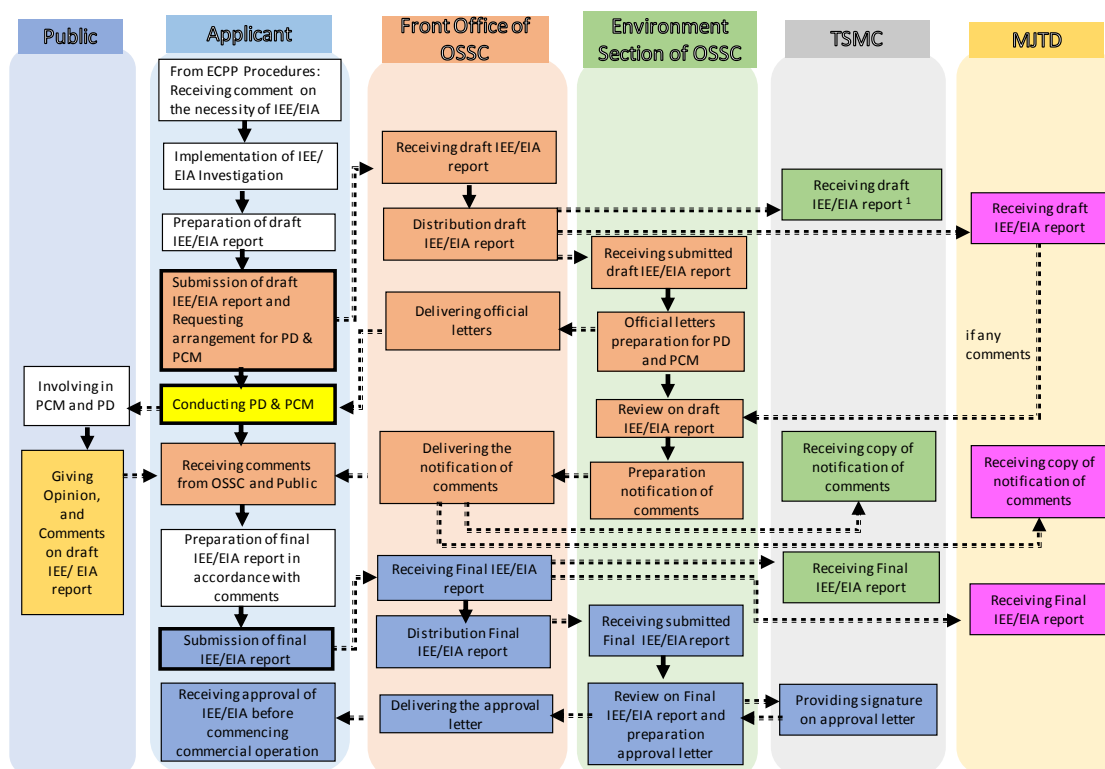
4. Submission of Final IEE/EIA Report

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 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"> 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	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



¹ TSMC may request MOECAP to get comments on draft EIA if necessary.

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

5. 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 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-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

	<p>countermeasures taken by the Contractor/ the Applicant shall be described in next Environmental Monitoring Report.</p> <p>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.</p> <p>9. The Environment Section of OSSC evaluates the performances of the Applicant and reports to TSMC and OSSC.</p>
Application Fee	None
Remarks	<p>1. The application form shall submit to OSSC at least 15 working days prior to the scheduled inspection date.</p> <p>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.</p>

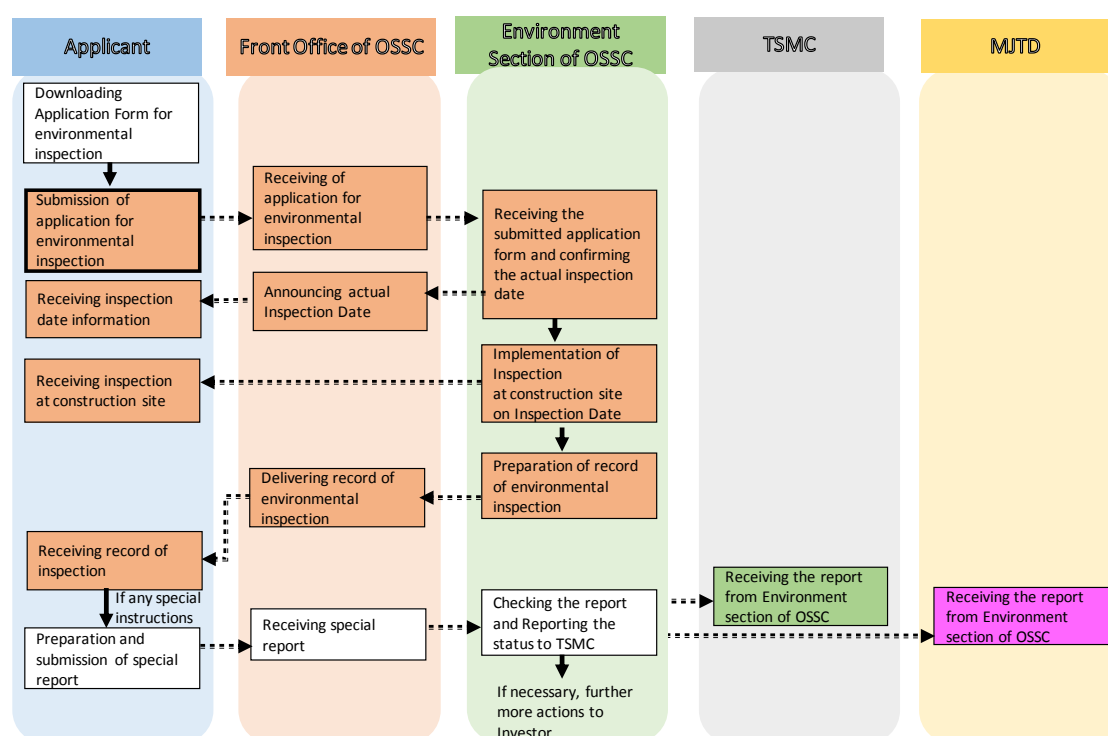


Figure III-4: Procedures for Environmental Inspection during Construction Stage, Environment Section of OSSC

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>

Item to be checked
(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)
(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)

6. 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	<ol style="list-style-type: none"> 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 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 days after the receiving the application.

	<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-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 counter measures 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.

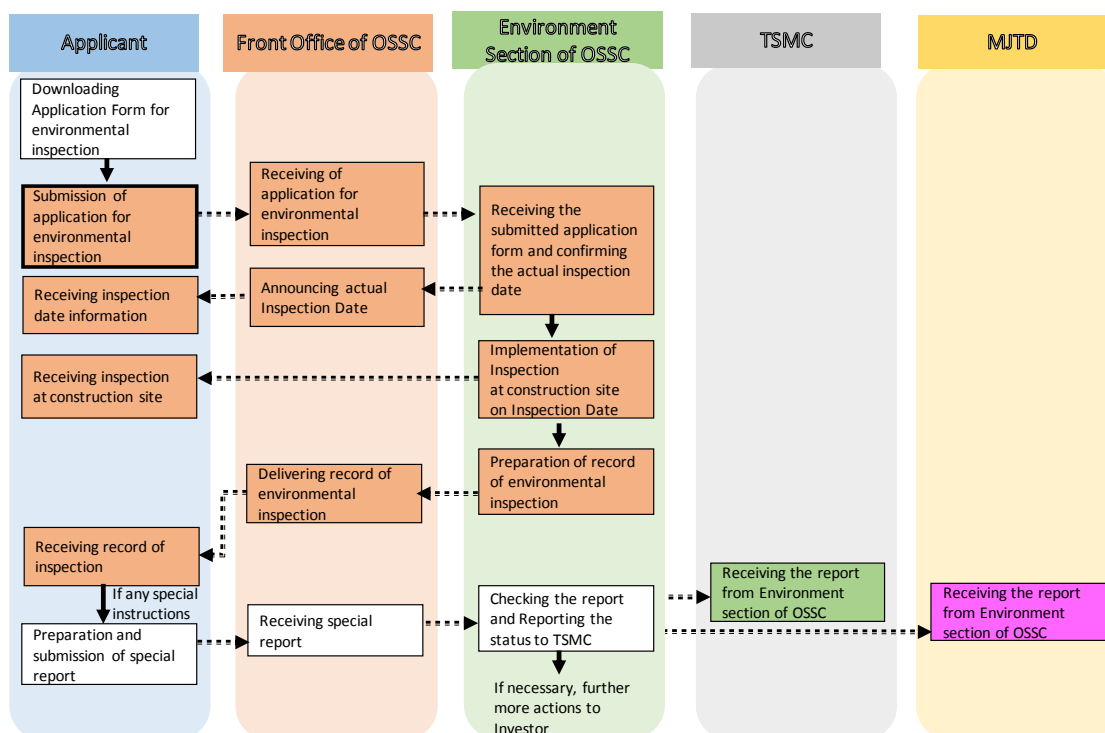


Figure III-5: Procedures for Environmental Inspection before Commencing Commercial Operation, Environment Section of OSSC

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.)
(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.)

7. Submission of Environmental Monitoring Report for Construction Stage

Necessary Documents to be submitted	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	In case of submission in hard copies: Hard copies: 3 sets (1 Original, 2 Copies) Soft copies: 2 CDs
Actual Procedure	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	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.

8. Submission of Environmental Monitoring Report for Operation Stage

Necessary Documents to be submitted	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 submitted	In case of submission in hard copies: 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)

9. 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

	<p>in person or online for Implementation of Inspection at least 15 working days prior to the scheduled inspection date.</p> <p>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.</p> <p>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.</p> <p>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> <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

FORM-EN1-1 Sample of Covering Letter for Environmental Conservation and Prevention

(COMPANY LETTER HEAD)

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submit our Environmental Conservation and Prevention Plan in 3 sets (1 original and 2 copies) and 2 CDs for obtaining the Approval of Environmental Conservation and Prevention Plan.

Yours sincerely

Name

Title

Company Name

Company Address



FORM-EN1-2 Application Form of Environmental Conservation and Prevention Plan (ECPP)

Version 4, 10/March/2016

To
Chairman
Thilawa Special Economic Zone Management Committee

Reference No:

Dated:

I hereby apply for the Environmental Permit for the Business planned in the Thilawa Special Economic Zone in accordance with the Notification No. 81/2014 of the Ministry of National Planning and Economic Development by furnishing the particulars as follows:

The Environmental Conservation and Prevention Plan is prepared based on Thilawa SEZ Zone A Industrial Zone International Regulations, EIA Report on Thilawa Zone A Development Project, business description, and condition of surrounding area¹.

A. General Information

A-1: Brief Description of the planned Business

Item	Description
a) Name of Company	
b) Type of Business	
c) International Standard Industrial Classification (if any)	
d) Item(s) of Production(s)	
e) Plot number in TSEZ-A	
f) Annual or Daily amount of production (each phase and maximum)	
g) Production Area [m ²]	
h) Number of employees (each phase and maximum)	
i) Production process and description of business	See attached file
j) List of raw materials and its annual consumption for production	See attached file
k) Expected construction period [months]	

A-2: Organization and Person in charge for the Environmental Conservation and Prevention Plan

[Operation Stage]

Item	Description
a) Section (or Department) name in charge of implementation of ECPP	
b) Person in charge	
c) Tel	
d) E-mail	
e) Organization structure	See attached file

[Construction Stage]

Item	Description
a) Name of contractor	
b) Section (or Department) name in charge of implementation of ECPP	
c) Person in charge	

¹ EIA Report for Thilawa SEZ Development Project (Zone A) is available on the web site of TSMC (especially, please refer to Chapter 9 (p.209-215)). <http://myanmarthilawa.com/sites/default/files/downloads/2014/04/eia.pdf>

d) Tel	
e) E-mail	
f) Organization structure	See attached file

B. Environmental Conservation and Prevention Plan during Operation

B-1 Air Quality

B-1.1 Are your company expected to install combustion facilities such as furnace(s), engine(s)², boiler(s), or turbine(s)?

- ☐ Yes *If marked, please fill description of combustion facilities in the below table.*
- ☐ No
- ☐ To be planned

[Description of Combustion Facility]

Item	Description
a) Type of combustion facility	
b) Number of combustion facility [Unit]	
c) Kind of fuel and its consumption [l/hr as fuel oil conversion] (if use fuel)	
d) Kind of material to be used and its hourly consumption [ton/hr] (if use material)	
e) Heat transfer area [m ²] (if use boiler)	
f) Grate area or tuyere area [m ²] (if use melting furnace or drying furnace)	
g) Transformer capacity rating [KVA/hr] or ampacity [KA] (if use electric furnace)	
h) Capacity of power [MW] (if use electricity)	
i) Other indicators of capacity of combustion facility	

[Amount of Exhaust Gas]

Item	Volume of Exhaust Gas
Amount of Exhaust Gas (Dry Base)	[Nm ³ /h]
Amount of Exhaust Gas (Wet Base)	[Nm ³ /h]

² Not included back-up generator(s).

B-1.2 If your company marked “Yes” on Q B-1.1, please answer the following question.

(1) Do air pollutants, (such as sulfur dioxide (SO₂), nitrogen oxides (NO_x), and soot and dust) emitted from combustion facilities comply with the emission standards of international countries, home country, or countries around Myanmar?

☐ Yes

If marked, please describe emission standards to be applied and its value.

(Standard to be applied: _____, SO₂: _____, NO_x: _____, PM: _____, Others: _____)

☐ Not applicable

☐ To be planned

If marked “Yes”, please describe reason for justification on marking the above checkbox as follows:

If marked “Not applicable”, please describe the reason as follows:

B-1.3 Are adequate measures taken to prevent dust from your business activities such as installation bug filler and ventilation system?

☐ Yes

☐ To be planned

☐ Not applicable

If marked “Yes”, please describe dust control measures to be applied as follows:

If marked “Not applicable”, please describe the reason as follows:

B-1.4 Are adequate measures taken to prevent VOC from your business activities such as activate carbon filler, ventilation system, wearing masks for workers?

☐ Yes

☐ To be planned

☐ Not applicable

If marked “Yes”, please describe VOC Control measures to be applied as follows:

If marked “Not applicable”, please describe the reason as follows:

B-2 Water Quality

B-2.1 Please fill in daily amount of water use and wastewater discharge (maximum) below:

Item	Type of Water	Amount
Daily amount of water use	For industry	m ³ /day
	Others (Canteen, Office, Toilet etc.)	m ³ /day
	Total	m ³ /day
Daily amount of wastewater discharge	From industry	m ³ /day
	Others (Canteen, Office, Toilet etc.)	m ³ /day
	Total	m ³ /day

B-2.2 Please mark destination of wastewater discharge from each wastewater source:

1) Industrial wastewater:	<input type="checkbox"/> MJTD WWTP after pre-treatment by own WWTP (Wastewater Treatment Plant) <input type="checkbox"/> MJTD WWTP directly <input type="checkbox"/> Retention canal/Water body after treatment by own WWTP <input type="checkbox"/> No wastewater will be generated
2) Canteen wastewater:	<input type="checkbox"/> MJTD WWTP after pre-treatment by own WWTP <input type="checkbox"/> MJTD WWTP directly <input type="checkbox"/> Retention canal/Water body after treatment by own WWTP <input type="checkbox"/> No wastewater will be generated
3) Office wastewater:	<input type="checkbox"/> MJTD WWTP after pre-treatment by own WWTP <input type="checkbox"/> MJTD WWTP directly <input type="checkbox"/> Retention canal/Water body after treatment by own WWTP <input type="checkbox"/> No wastewater will be generated
4) Toilet wastewater:	<input type="checkbox"/> MJTD WWTP after pre-treatment by own WWTP <input type="checkbox"/> MJTD WWTP directly <input type="checkbox"/> Retention canal/Water body after treatment by own WWTP
5) Storm water:	<input type="checkbox"/> MJTD WWTP after pre-treatment by own WWTP <input type="checkbox"/> MJTD WWTP directly <input type="checkbox"/> Retention canal/Water body after treatment by own WWTP <input type="checkbox"/> Retention canal/Water body directly

B-2.3 If your company will install treatment by own WWTP, please attach wastewater quality standard to be applied and process flow of wastewater treatment system.

Type of Wastewater	Item	Description
1) Industrial wastewater	Method of wastewater treatment	
	Target substance/ parameter to be treated by WWTP	
	Process flow chart of WWTP	See attached file
2) Canteen wastewater	Method of wastewater treatment	
	Process flow chart of WWTP	See attached file
3) Office wastewater	Method of wastewater treatment	
	Process flow chart of WWTP	See attached file
4) Toilet wastewater	Method of wastewater treatment	
	Process flow chart of WWTP	See attached file

[Reference]

[MJTD Standard of Wastewater quality after Pre-wastewater treatment by the Locator]			
No.	Parameter	TSEZ-A's WQ standard	Unit
1	BOD ₅ (5days at 20.°C)	max 200	ppm
2	Suspended Solids (SS)	max 200	ppm
3	Total Dissolved solids	max 2,000	ppm
4	pH Value	6.5-8.5	-
5	COD _{Mn} Permanganate value *Under Review	max 150	ppm
6	COD _{Cr} Dicromate value	max 300	ppm
7	Sulphide (as HS)	max 1	ppm
8	Cyanide (as HCN)	max 0.2	ppm
9	Oil and grease	max 5	ppm
10	Total coliform bacteria	max 400	MPN/100ml
11	Tar	none	-
12	Formaldehyde	max 1	ppm
13	Phenols and cresols	max 1	ppm
14	Free chlorine	max 1	ppm
15	Zinc	max 5	ppm
16	Chromium	max 0.5	ppm
17	Arsenic	max 0.25	ppm
18	Copper	max 1.0	ppm
19	Mercury	max 0.005	ppm
20	Cadmium	max 0.03	ppm
21	Barium	max 1.0	ppm
22	Selenium	max 0.02	ppm
23	Lead	max 0.2	ppm
24	Nickel	max 0.2	ppm
25	Insecticides	None	-
26	Radioactive Material	None	-
27	Temperature	max 35	°C
28	Colour and Odor	150	[Co-Pt]
29	T-N	80	ppm

B-2.4 If your company will NOT connect wastewater to MJTD WWTP BUT discharge to water body, please mark target level to be applied as follows. In addition, please attach wastewater quality standard to be applied and process flow of wastewater treatment system:

☐ MOI wastewater guideline

☐ National Environmental Quality
(Emission) guideline

☐ Other countries *If marked, please attach target level of treated wastewater quality to this form.*

☐ International standard *If marked, please attach target level of treated wastewater quality to this form.*

☐ Original *If marked, please attach target level of treated wastewater quality to this form.*

Type of Wastewater	Item	Description
1) Industrial wastewater	Method of wastewater treatment	
	Process flow chart of WWTP	See attached file
2) Canteen wastewater	Method of wastewater treatment	
	Process flow chart of WWTP	See attached file
3) Office wastewater	Method of wastewater treatment	
	Process flow chart of WWTP	See attached file
4) Toilet wastewater	Method of wastewater treatment	
	Process flow chart of WWTP	See attached file

B-3 Solid Waste

B-3.1 Are non-hazardous wastes from your company properly treated and disposed in accordance with Thilawa SEZ Zone A Industrial Zone International Regulations or your companies policy?

- ☐ Yes ☐ To be planned

If marked "Yes", Please describe non-hazardous waste management to be applied and estimated yearly/ monthly/ daily volume of each kind of waste as follows:

If marked "Not applicable", please describe the reason as follows:

B-3.2 Are hazardous wastes from your company properly treated and disposed in accordance with Thilawa SEZ Zone A Industrial Zone International Regulations or your companies policy?

- ☐ Yes ☐ To be planned ☐ Not applicable

If marked "Yes", please describe hazardous waste management to be applied and estimated yearly/ monthly/ daily volume of each kind of waste as follows:

If marked "Not applicable", please describe the reason as follows:

B-4 Soil Contamination

B-4.1 Are adequate measures taken to prevent soil contamination by leaked materials, such as raw materials, products, and chemical agents?

- ☐ Yes ☐ To be planned ☐ Not applicable

If marked "Yes", please describe soil contamination measures to be applied as follows:

If marked "Not applicable", please describe the reason as follows:

B-5 Noise and Vibration

B-5.1 Are adequate measures taken to comply with noise and vibration standards of Thilawa SEZ Zone A Industrial Zone International Regulations?

- ☐ Yes ☐ To be planned ☐ Not applicable

If marked "Yes", please describe noise and vibration measures to be applied as follows:

If marked "Not applicable", please describe the reason as follows:

B-5.2 Please describe/ highlight target noise and vibration level to be applied based on Thilawa SEZ Zone A Industrial Zone International Regulations taking into consideration on location of plot and surrounding conditions?

[Reference]

MJTD Environmental Quality Standards for Noise				Unit: dB (A)
Category	Day Time (Leq_A) (7am - 7pm)	Evening Time (Leq_A) (7pm - 10pm)	Evening Time (Leq_A) (10pm - 7am)	
I. Noise Standard in Construction Phase				
1 A side next to residential house and monastery located less than 150m	75 dB	60 dB	55 dB	
2 Other than 1	75 dB	65 dB	65 dB	
II. Noise Standard in Operation Phase				
1 A side next to sensitive area such as monastery, hospital, and school	60 dB	55 dB	50 dB	
2 A side next to residential area	65 dB	60 dB	55 dB	
3 A side next to commercial and industrial areas including inside of T-SEZ Zone A	70 dB	65 dB	60 dB	
Note: Evaluation point is at boundary of locator's property				

[Reference]

MJTD Environmental Quality Standards for Vibration				
Category		Day Time (Lv) (7am - 7pm)	Evening Time (Lv) (7pm - 10pm)	Evening Time (Lv) (10pm - 7am)
1	A side next to residential house and Monastery	65 dB	60 dB	60 dB
2	A side next to office, commercial facilities, and factories including inside of T-SEZ Zone A	70 dB	65 dB	60 dB
Note: *1: Evaluation point is at boundary of locator's property Note: *2: Reference acceleration of vibration is 10^{-5} m/s ²				

B-6 Odor

B-6.1 Are there any odor sources?

- ☐ Yes
 ☐ To be planned
 ☐ Not applicable

B-6.2 If you marked "Yes" or "To be planned" on Q B-6.1, please describe odor control measures to be applied as follows:

If marked "Yes", please describe odor control measures to be applied as follows:

If marked "Not applicable", please describe the reason as follows:

B-7 Hazardous and Chemical Substances

B-7.1 Are there any hazardous substance to be dealt with?

- ☐ Yes
 ☐ To be planned
 ☐ Not applicable

B-7.2 If you marked "Yes" or "To be planned" on Q B-7.1, please describe hazardous and chemical substances control measures to be applied as follows:

If marked "Yes", please describe hazardous substance control measures to be applied and estimated yearly/ monthly/ daily volume of each kind of hazardous and chemical substance as follows:

If marked "Not applicable", please describe the reason as follows:

B-8 Greening Plan

B-8.1 Does your company plans to natural environment conservation related to greening (planting trees, vegetation and sodding)?

- ☐ Yes
 If marked, please describe area of greening space or number of trees, attach drawing of greening plan etc.(_____)
- ☐ No
- ☐ To be planned

B-9 Landscape

B-9.1 Does your company plans take measures on consideration of landscape such as installation of planting trees, fence, design?

☐ Yes

If marked, please describe measures on consideration of landscape such as set back, harmonizing surrounding scenery, mitigation measures on oppressive factors as follows:

☐ No

☐ To be planned

If marked "Yes", please describe measures on consideration of landscape as follow:

If marked "No", please describe the reason as follows:

B-10 Local Water Use

B-10.1 Is there a possibility that wastewater and leachates by the project will adversely affect the existing water uses and water area uses?

☐ Yes

☐ No

☐ Not sure

Please describe reason for justification on marking the above checkbox as follows:

B-11 Occupational Health and Safety

B-11.1 Are adequate measures considered to manage occupational health and safety during operation (e.g., working condition, social security, accident, sanitation, infection, management of hazardous substances, education and training, certification to be applied)?

- ☐ Yes ☐ No ☐ To be planned

If marked "Yes", please describe expected consideration measures as follows:

If marked "No", please describe the reason as follows:

B-12 Community Health and Safety

B-12.1 Are adequate measures considered to manage community health and safety during operation (e.g., traffic accident on road, intrusion prevention, sanitation, certification to be applied)?

- ☐ Yes ☐ Not required ☐ To be planned

If marked "Yes", please describe expected consideration measures as follows:

If marked "Not required", please describe the reason as follows:

B-13 Other Social Considerations

B-13.1 Does your company plan to social considerations such as contribution to living and livelihood for local community around Thilawa SEZ Industrial Zone, Cooperation Social Responsibility (CSR) activities, and Social Investment.

- ☐ Yes ☐ No ☐ To be planned

If marked "Yes", please describe expected considerations as follows:

B-14 Emergency Risks

B-14.1 Are adequate measures considered to manage emergency risk management during operation (e.g., fire extinguishing facilities, escape gate, flood risk control)?

☐ Yes

☐ Not required

☐ To be planned

If marked "Yes", please describe expected consideration measures as follows:

If marked "not required", please describe the reason as follows:

B-15 Transboundary or Global issues

B-15.1 Is there a possibility that the activities of your company includes impacts to transboundary or global issues (e.g., transboundary waste treatment, acid rain, destruction of the ozone layer, and global warming)?

☐ Yes

☐ No

☐ Not sure

If marked "Yes", please describe transboundary or global issues and its measures to be applied as follows:

C. Environmental Conservation and Prevention Plan during Construction

C-1 Pollution Control

C-1.1 Are adequate measures considered to reduce environmental impacts during construction (e.g., noise, vibrations, wastewater, dust, exhaust gases, wastes, and oil leakage)?

☐ Yes

☐ No

☐ To be planned

If marked "Yes", please describe expected consideration measures as follows:

If marked "No", please describe the reason as follows:

C-2 Water Usage

C-2.1 Please fill in daily amount of water use (maximum) during construction below:

a) Daily amount of water use (maximum):

_____ m³/day

C-3 Occupational Health and Safety

C-3.1 Are adequate measures considered to manage occupational health and safety during construction (e.g., working condition, accident, sanitation, infection, management of hazardous substances, education and training)?

- ☐ Yes ☐ No ☐ To be planned

If marked "Yes", please describe expected consideration measures as follows:

If marked "No", please describe the reason as follows:

C-4 Community Health and Safety

C-4.1 Are adequate measures considered to manage community health and safety during construction (e.g., traffic accident on road, intrusion prevention, sanitation)?

- ☐ Yes ☐ No ☐ To be planned

If marked "Yes", please describe expected consideration measures as follows:

If marked "No", please describe the reason as follows:

C-5 Other Social Considerations

C-5.1 Does your company or contractor plans to social considerations such as contribution to living and livelihood for local community around Thilawa SEZ Industrial Zone.

- ☐ Yes ☐ No ☐ To be planned

If marked "Yes", please describe expected considerations as follows:

If marked "No", please describe the reason as follows:

C-6 Emergency Risks

C-6.1 Are adequate measures considered to manage emergency risk management during construction (e.g., fire extinguishing facilities, escape gate, flood risk control)?

- ☐ Yes ☐ Not required ☐ To be planned

If marked "Yes", please describe expected consideration measures as follows:

If marked "No", please describe the reason as follows:

D. Monitoring Plan

D-1 Monitoring Plan in Operation Phase

D-1.1 Please fill in the below table regarding monitoring plan of each environmental and social element in operation phase

Environmental and Social Element	Monitoring Item	Location	Frequency
B-1 Air Quality			
B-2 Water Quality			
B-3 Solid Waste			
B-4 Soil Contamination			
B-5 Noise and Vibration			
B-6 Odor			
B-7 Hazardous and Chemical Substances			
B-8 Greening Plan			
B-9 Landscape			
B-10 Local Water Use			
B-11 Occupational Health and Safety			
B-12 Community Health and Safety			
B-13 Other Social Considerations			
B-14 Emergency Risks			
B-15 Transboundary or Global issues			

Note: If an environmental and social element is not expected to cause adverse impact, please fill "Not expected to cause adverse impact" into monitoring item.

D-1.2 Please fill in frequency of submission of monitoring report to Thilawa SEZ Management Committee:

- a) times/year during operation (note: 2 times/year is minimum requirement)

D-2 Monitoring Plan in Construction Phase

D-2.1 Please fill in the below table regarding monitoring plan of each environmental and social element in construction phase.

Monitoring item	Description	Location	Frequency
C-1 Pollution Control			
C-1.1 Noise, vibrations			
C-1.2 Wastewater			
C-1.3 Dust			
C-1.4 Exhaust gases			
C-1.5 Solid waste			
C-1.6 Oil leakage			
C-2 Water Use			
C-3 Occupational Health and Safety			
C-4 Community Health and Safety			
C-5 Other Social Considerations			
C-6 Emergency Risks			

Note: If an environmental and social element is not expected to cause adverse impact, please fill "Not expected to cause adverse impact" into monitoring item.

D-2.2 Please fill in frequency of submission of monitoring report to Thilawa SEZ Management Committee in construction phase

- a) times/during construction (note: 2 times/during construction at interim and final is minimum requirement)

Date:

Signature of the Applicant.....

Name in Block Letters

Title

Official Seal/Stamp

Tel. No.

E-mail

Address

UNDERTAKING

I/We hereby declare that the above statements are true and correct to the best of my/our knowledge and belief. I/We shall abide by any other condition, which may be stipulated by the Chairman of the Management Committee.

I/We fully understand that any Permission Letter/Approval granted to me/us on the basis of the statement furnished is liable to cancellation or any other action that may be taken having regard to the circumstances of the case if it is found that any of the statements or facts therein are incorrect or false.

I/We hereby declare to strictly comply with provisions of internal regulations provided by the Zone Developer of Zone A of Thilawa Special Economic Zone.

Date:

Signature of the Applicant

Name in Block Letters

Title

Official Seal/Stamp

Tel. No.

E-mail

Address

OSSC use only:

Received Date:-----/-----/-----
ECPP No. : ECPP-----
Name : -----
Signature : -----

**FORM-EN1-3 Sample of Covering Letter for
New or Revised Environmental Conservation and Prevention Plan**

(COMPANY LETTER HEAD)

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We have received the approval of Environmental Conservation and Prevention Plan (ECP) (TSEZ-EP-) on dd/mm/yy. However, we would like to submit our **new or revised ECP** as necessary by the Environmental Protection Procedure in TSEZ. We hereby submit the ECP in 3 sets (1 original and 2 copies) and 2 CDs for obtaining the Approval of Environmental Conservation and Prevention Plan.


Yours sincerely

Name

Title

Company Name

Company Address



Company Seal

**FORM-EN1-4 Sample of Covering Letter for
Submission of Modified Environmental Conservation and Prevention Plan**

(COMPANY LETTER HEAD)

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We have received the approval of Environmental Conservation and Prevention Plan (ECPP) (TSEZ-EP-) on dd/mm/yy. However, we would like to submit our **Modified ECPP** as necessary by the Environmental Protection Procedure in TSEZ. We hereby submit the ECPP in 3 sets (1 original and 2 copies) and 2 CDs.


Yours sincerely

Name

Title

Company Name

Company Address



Company Seal

FORM-EN1-5 ECPP Modification Form

Project Name:

**ECPP APPLICATION
MODIFICATION**

Date:

CONTENT OF DOCUMENT

① Letter Head of Applicant

**② Summary Environmental Conservation and Prevention
Plan Modification**

③ Modification Component in ECPP Application Form

3.1 Required Attachments

④ Basic Design Drawing

4.1 Required Drawing Attachments

Project Name:

1 - Letter Head of Applicant

Company Letter Head

Date:

Reference No.:

Attention: Chairman

Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submit our Environmental Conservation and Prevention Plan Modification in 3 Sets (1 Original, 2Copies) and Soft copies (2 CDs) for obtaining the Environmental Permit.

Yours sincerely

Name:

Title:

Company Name:

Company Address:

Project Name:

2 - Summary Environment Conservation and Prevention Plan Modification

Summary of Environmental Conservation and Prevention Plan Modification

Date:

1. Project Information	
1)	Project Name:
2)	Name of Applicant
Address of Project Site	
Contact Number / E-mail	
3)	Information on Existing Building
Building Permit (Date of Issue:)	
Fire Safety Certificate (Date of Issue:)	
ECPP (Date of Issue:)	
2. Contents of Environmental Conservation and Prevention Plan (ECPP) Modification	
1)	Modified Design for <input type="checkbox"/> ECPP Certificate
2) Description of Modification: <i>(Example)</i> A-1: Brief Description of the planned Business. g) Production area: For Phase I, production area are 660 sqm. for Assembly area and 735 sqm. for Storage area. i) Production process or description of business (See Attached - A). Here, only the area of the assembly, and storage are modified. (At Page No. 1) B-2.3 If your company will install treatment by own WWTP, please attach wastewater quality standard to be applied and process flow of wastewater treatment system. 4) We have changed location of wastewater (See attached file M-SW-01, 02, 03 & 04). (At Page No. 4) B-8 Greening Plan B-8.1 We have changed green area plan with green area for Phase I is 1,639 sqm. (See Attached - D) (At Page No. 7) Note: We are changed above items, other items of previous submitted ECPP was not changed. The whole production process remains as the same as the process described in the former ECPP application. Hence, this modification might not cause environmental, social, and/or health impacts.	
3)	Reasons of Modification <i>(Example)</i> Reconsidering design for production and future plan
4. List of Attached Documents	
<input type="checkbox"/> Approved of Environmental Conservation and Prevention Plan by OSSC (TSEZ - EP ----)	

Project Name:

3 - ECPP Application Form Modification

Project Name:

Required Attachments

**FORM-EN2-2 Sample of Covering Letter for Submission of
Final Initial Environmental Examination**

(COMPANY LETTER HEAD)

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submits our Final Initial Environmental Examination (IEE) Report in English in 3 sets (1 original and 2 copies), Summary of Final IEE Report in Myanmar in 3 sets (1 original and 2 copies), and in 2 CDs for obtaining the Approval of Initial Environmental Examination.

Yours sincerely

Name

Title

Company Name

Company Address



**FORM-EN3-1 Sample of Covering Letter for
Submission of Draft Scoping Report**

(COMPANY LETTER HEAD)

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submits our Draft Scoping Report in English in 3 sets (1 original and 2 copies), Summary of Draft EIA Report in Myanmar in 3 sets (1 original and 2 copies), and in 2 CDs for getting comments of the Draft Scoping Report.

In parallel with submission of Draft Scoping Report, we requests TSMC to issue official letters for public disclosure of the Summary of draft Scoping Report and public consultation meeting for getting comments from public.

Expected date of public disclosure:

Expected date and time of public consultation meeting:

Yours sincerely

Name

Title

Company Name

Company Address

Company Seal

**FORM-EN3-2 Sample of Covering Letter for
Submission of Final Scoping Report**

COMPANY LETTER HEAD

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submits our Final Scoping Report in English in 3 sets (1 original and 2 copies), Summary of Final Scoping Report in Myanmar in 3 sets (1 original and 2 copies), and in 2 CDs for obtaining the Approval of Scoping Report.

Yours sincerely

Name

Title

Company Name

Company Address



Company Seal

**FORM-EN3-3 Sample of Covering Letter for
Submission of Draft Environmental Impact Assessment**

(COMPANY LETTER HEAD)

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submits our Draft Environmental Impact Assessment (EIA) Report in English in 3 sets (1 original and 2 copies), Summary of Draft EIA Report in Myanmar in 3 sets (1 original and 2 copies), and in 2 CDs for getting comments of the Draft EIA Report.

In parallel with submission of Draft EIA Report, we requests TSMC to issue official letters for public disclosure of the Summary of draft EIA Report and public consultation meeting for getting comments from public.

Expected date of public disclosure:

Expected date and time of public consultation meeting:

Yours sincerely

Name

Title

Company Name

Company Address



Company Seal

**FORM-EN3-4 Sample of Covering Letter for
Submission of Final Environmental Impact Assessment**

COMPANY LETTER HEAD

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submits our Final Environmental Impact Assessment (EIA) Report in English in 3 sets (1 original and 2 copies), Summary of Final EIA Report in Myanmar in 3 sets (1 original and 2 copies), and in 2 CDs for obtaining the Approval of Environmental Impact Assessment.

Yours sincerely

Name

Title

Company Name

Company Address



Company Seal

FORM-EN4-1 Application for Environmental Inspection

Application for Environmental Inspection

Date:

Attention: Head of Environmental Section
One Stop Service Center
Thilawa Special Economic Zone

We hereby submit “Application for Inspection in Construction Stage” for Environmental Conservation and Prevention Plan (ECPP) of the following construction project.

1. Project Name:

2. Approval No. of ECPP:

3. Inspection requested: (*Make a check in appropriate inspection)

☐ 1) First Inspection during construction stage

☐ 2) Second Inspection during construction stage if construction period is more than one year

4. Estimated Date and Time of Inspection:

Applicant

Signature

Name

Address

FORM-EN4-2 Record of Environmental Inspection

Record of Environmental Inspection

1. Project Name:
2. Inspection ☐ First Inspection in construction stage ☐ Second Inspection in construction stage
3. Date and Time of Inspection:
4. Name of Attendants for Inspection:

	Name	Position
1		
2		
3		
4		
5		

5. Instructions for Inspection:

	Inspection Issues	Instructions

Name of Inspector:

Environment Section

One Stop Service Center, Thilawa Special Economic Zone

FORM-EN5-1

Application for Environmental Inspection

Date:

Attention: Head of Environmental Section
One Stop Service Center
Thilawa Special Economic Zone

We hereby submit “Application for Inspection before Commencement of Commercial Operation” for Environmental Conservation and Prevention Plan (ECPP) of the following construction project.

1. Project Name:

2. Approval No. of ECPP:

3. Inspection requested: (*Make a check in appropriate inspection)

☐ 1) Before Commencement of Commercial Operation

☐ 2) Others ()

4. Estimated Date and Time of Inspection:

Applicant

Signature

Name

Address

FORM-EN5-2

Record of Environmental Inspection

1. Project Name:
2. Inspection ☐ Before Commencement of Commercial Operation
☐ Others ()
3. Date and Time of Inspection:
4. Name of Attendants for Inspection:

	Name	Organization/ Position
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

5. Inspected Items:

Environmental and Social Element	Inspected	To be inspected at Commercial Operation Stage	Not Applicable
B-1 Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-2 Water Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-3 Solid Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-4 Soil Contamination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-5 Noise and Vibration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-6 Odor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-7 Hazardous and Chemical Substances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-8 Greening Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-9 Landscape	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-10 Local Water Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-11 Occupational Health and Safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-12 Community Health and Safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-13 Other Social Considerations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-14 Emergency Risks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-15 Transboundary or Global issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Instructions for Inspection:

	Inspection Issues	Instructions

Name of Inspector:

Environment Section

One Stop Service Center

Thilawa Special Economic Zone

**FORM-EN6-1 Sample of Covering Letter for
Submission of Environmental Monitoring Report for Construction Stage**

(COMPANY LETTER HEAD)

Date:


Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submit our Environmental Monitoring Report for construction stage in 3 sets (1 original and 2 copies) and 2 CDs as one of the implementation activities of Environmental Conservation and Prevention Plan.

Yours sincerely



Company Seal

Name

Title

Company Name

Company Address

FORM-EN6-2 Environmental Monitoring Report Form for Construction Stage

Version 2, 10/Mar/2016

To
Chairman
Thilawa Special Economic Zone Management Committee

Reference No:

Dated:

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 in TSEZ:
3. Approval No. of ECPP
4. Approval of IEE/EIA, if any:
5. Construction Period:
from dd/mm/yy to dd/mm/yy (Totally months/years)
6. Monitoring Period:
from dd/mm/yy to dd/mm/yy
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 of Construction Company:

Address:

Name of Responsible Person (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			
C-1.2 Wastewater			
C-1.3 Dust			
C-1.4 Exhaust Gas			
C-1.5 Solid Waste			
C-1.6 Oil Leakage			
C-2 Water Use			
C-3 Occupational Health and Safety			
C-4 Community Health and Safety			
C-5 Other Social Considerations			
C-6 Emergency Risks			

**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

<u>Monitoring Item</u>	<u>Mitigation Measures</u>	<u>Frequency</u>	<u>Evidences</u>
1. Noise and Vibration			See 1.2
2. Wastewater			See 1.3
3. Dust Control			See 1.4
4. Exhaust Gas Control			See 1.5
5. Solid Waste Management			See 1.6
6. Oil Leakage			See 1.7

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.	
	1.	
	1.	
	1.	

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.	
	1.	
	1.	
	1.	

1.4 Records of mitigation measures for dust control (e.g. method of monitoring such as water sprinkling, record of other control activities such as covering construction material, etc.) with photograph and attachments, if any

Month/Year	Method of Monitoring	Description
	1.	
	1.	
	1.	
	1.	

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.	
	1.	
	1.	
	1.	

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
	1.	
	1.	
	1.	
	1.	

1.7 Records of mitigation measures for oil leakage into the soil (e.g. method of monitoring such as checking the status of oil leaking from oil storage area and generator, prevention the oil leakage condition, etc.) with photograph and attachments, if any

Month/Year	Method of Monitoring	Description
	1.	
	1.	
	1.	
	1.	

2. Monitoring Results for Water Use

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

Month/Year	Amount of water use, m ³ (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

	1.		
	1.		
	1.		
	1.		

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 training/instructions	Description
	1.	
	1.	
	1.	
	1.	

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
	1.	
	1.	
	1.	
	1.	

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
	1.		
	1.		
	1.		

	1.		
--	----	--	--

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 Thilawa SEZ Industrial Zone 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

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 Please describe the status of the installation of fire extinguished facilities in the construction site with photograph (location, number of fire extinguishers, alarms, etc.) and other preparedness for emergency (e.g., emergency network, designation of evacuation area and emergency exit, etc.)

Date:

Signature of the Applicant.....

Name in Block Letters
Title
Official Seal/Stamp
Tel. No.
E-mail
Address

**FORM-EN7-1 Sample of Covering Letter for
Submission of Environmental Monitoring Report for Operation Stage
(COMPANY LETTER HEAD)**

Date:

Reference No.:

Attention: Chairman, Thilawa Special Economic Zone Management Committee

Dear Sir,

We hereby submit our Environmental Monitoring Report for operation stage in 3 sets (1 original and 2 copies) and 2 CDs as one of the implementation activities of Environmental Conservation and Prevention Plan.


Yours sincerely

Name

Title

Company Name

Company Address



Company Seal

FORM-EN7-2 Environmental Monitoring Report Form for Operation Stage

Version 1, 1/Feb/2017

To
Chairman
Thilawa Special Economic Zone Management Committee

Reference No:

Dated:

I hereby submit the monitoring report for Operation stage in accordance with the Monitoring Plan described in Environmental Conservation and Prevention Plan (ECPP).

I. General Information

11. Company Name:

12. Location in TSEZ:

13. Approval No. of ECPP

14. Approval of IEE/EIA, if any:

15. Date of Commencing Commercial Operation: dd/mm/yy

16. Monitoring Period:

from dd/mm/yy to dd/mm/yy

17. Timing of Monitoring Report Submission for the year < Fiscal Year > :

☐ 1) First Submission

☐ 2)

Second Submission

(April ~ September)

(October ~

March)

18. Date of first submission (if second submission is selected): dd/mm/yy

19. Implementing Organization for Monitoring:

Name:

Address:

Name of Responsible Person:

Contact Number:

Email:

****The items, standards to be applied, measurement points and frequency for each monitoring parameter are established based on either the ECPP application or IEE/EIA report of each locator, if any. Should there be any changes to the original plan and such changes shall be reviewed and evaluated by the Environmental Section of One Stop Service Center, Thilawa Special Economic Zone Management Committee.****

II. Monitoring Plan for Operation Stage as described in ECPP

Monitoring item	Description	Location	Frequency
B-1 Air Quality			
B-2 Water Quality	-		
B-3 Solid Waste			
B-4 Soil Contamination			
B-5 Noise and Vibration			
B-6 Odor			
B-7 Hazardous and Chemical Substances			
B-8 Greening Plan			
B-9 Landscape			
B-10 Local Water Use			
B-11 Occupational Health and Safety	-		
B-12 Community Health and Safety			
B-13 Other Social Considerations			
B-14 Emergency Risks			

Monitoring item	Description	Location	Frequency
B-15 Transboundary or Global issues			

Note

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

III. Complaints/Requests from the Surroundings (in and around of the project area)

1. Are there any complaints/requests related to environmental and social issues from person/organizations during the monitoring period?

☐ Yes ☐ No

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

Complaints /Requests Receiving Date	Type of Complaints/Requests	Description	Actions

IV. Monitoring Results in the current monitoring period

2. Monitoring Agenda

Monitoring Item	Time Frame of Field Measures/ Mitigation Measures	Frequency	Evidences/ Analysis Results/ Photos
B-1 Air Quality	<u>Date, Time and Period of Measurements</u> <u>(dd/mm/yyyy) AM to (dd/mm/yyyy) PM</u>		Annex 1
B-2 Water Quality	<u>Date, Time and Period of Measurements</u> <u>(dd/mm/yyyy) AM to (dd/mm/yyyy) PM</u>		Annex 2
B-3 Solid Waste	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 3
B-4 Soil Contamination	<u>Date, Time and Period (Any Record)</u>		Annex 4

Monitoring Item	Time Frame of Field Measures/ Mitigation Measures	Frequency	Evidences/ Analysis Results/ Photos
	<u>(dd/mm/yyyy) AM</u>		
B-5 Noise and Vibration	<u>Date, Time and Period of Measurements</u> <u>(dd/mm/yyyy) AM to (dd/mm/yyyy) PM</u>		Annex 5
B-6 Odor	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 6
B-7 Hazardous and Chemical Substances	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 7
B-8 Greening Plan	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 8
B-9 Landscape	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 9
B-10 Local Water Use	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 10
B-11 Occupational Health and Safety	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 11
B-12 Community Health and Safety	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 12
B-13 Other Social Considerations	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 13
B-14 Emergency Risks	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 14
B-15 Transboundary or Global issues	<u>Date, Time and Period (Any Record)</u> <u>(dd/mm/yyyy) AM</u>		Annex 15

Note

- 1) *If there is not applicable item, please fill "Not Applicable"*

3. Monitoring Results

B-1 Air Quality

- 1.1 Records of mitigation measures for controlling air quality (e.g. VOC emission controlling activities, dust controlling activities, etc.) with photograph and attachments, if any

Summary of Records

Monitoring Item	Monitoring Period/Date/Time	Method of Monitoring	Description	Remark
VOC emission sources				
Ventilation system				
Bag filter system				
Others				

Note:

- 1) Annex-1 shall be attached for monitoring of B-1 and the detail record activities photos and evidences shall be included in Annex-1.

- 1.2 Records of air quality monitoring (e.g. ambient air quality measurement, emission gas/air quality measurement, etc.) with photograph and attachments, if any

☐ Monitored applicable ☐ Not yet to monitor ☐ Not applicable

(Please provide reasons) (Please provide reasons)

If marked "Monitored", please describe the followings:

- (i) Location of Measurement Point:
- (ii) Measurement Period/ Date/ Time:
- (iii) Target air quality : (i.e. ambient air quality or emitted air quality)
- (iv) Brief explanation of Measurement Method :
- (v) Measured Parameters:
- (vi) Evaluation on the monitoring results:

Summary of Measurement Results

Air Quality	Unit	Measured	Measured	Applied	Expected	Counter	Remarks
-------------	------	----------	----------	---------	----------	---------	---------

Parameter		Value (Mean)	Value (Min & Max.)	Target Values	Reasons if Exceeded	Measures if Exceeded	
SO ₂							
NO ₂							
CO							
O ₂							
PM 2.5/PM 10							
TSP							
Dust							
Others							

Note:

- 1) Annex-1 shall be attached for monitoring of B-1 and the detail record activities photos and raw data of measurements shall be included in Annex-1.

B-2 Water Quality

2.1 Records of monthly or daily water usage

- (i) Monthly or daily total water usage for Industry Process: m³
- (ii) Monthly or daily total water usage for Domestic Process: m³

2.2 Records of monthly wastewater quality monitoring (e.g. industrial wastewater, domestic wastewater, etc.) with photograph and attachments of laboratory analysis results

- (i) Location of Measurement Point:
- (ii) Frequency during Monitoring Period:
- (iii) Target wastewater quality : (i.e. industrial wastewater or domestic wastewater quality)
- (iv) Brief explanation of Measurement Method :
- (v) Measured Parameters:
- (vi) Method of pre-treatment for wastewater in the factory:
- (vii) Evaluation on the monitoring results:

Summary of Measurement Results for Parameters which exceeded MJTD Standards of Wastewater Quality

Month/ Year	Estimated Wastewater Amount (m ³ , Daily average)	Parameters	Unit	Measured Value	Applied Target Values	Expected Reasons	Counter Measures	Remarks

Note:

- 1) Parameters to be measured monthly: industrial/domestic wastewater volume (daily average), BOD, SS, pH value, COD_{Cr}, Oil and Grease, total coliforms, total nitrogen, and other necessary parameters.
- 2) Parameters to be measured yearly: mostly all required parameters described in the internal regulation of MJTD.
- 3) Annex-2 shall be attached for monitoring of B-2 and the detail measurements/monitoring activities report shall be included in Annex-2.
- 4) In Annex-2, monthly laboratory analysis results at least for five months shall be attached.

B-3 Solid Waste

3.1 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

- (i) Location of Record Point:
- (ii) Method of Solid Waste Disposal :
- (iii) Final Disposal Site :
- (iv) Dates of Disposal for every time:
- (v) Evaluation on the monitoring results:

Summary of Non-Hazardous Solid Waste Record

Month/Year	List of Type of Wastes	Monthly Total Waste Volume (m ³ or L or kg)	Description of Waste Management	Frequency of Disposal	Waste Collected Organization

Note:

- 1) Annex-3 shall be attached for monitoring of B-3 and the detail of each type of waste including amount shall be

included in Annex-3.

Summary of Hazardous Solid Waste Record

Month/Year	List of Type of Wastes	Monthly Total Waste Volume (m ³ or L or kg)	Description of Waste Management	Frequency of Disposal	Waste Collected Organization

Note:

- 1) Annex-3 shall be attached for monitoring of B-3 and the detail of each type of waste including amount shall be included in Annex-3.

B-4 Soil Contamination

4.1 Records of prevention of soil contamination by leaked materials, such as raw materials, products, and chemical agents, fuel oil, wastewater treatment system, with photograph and attachments, if any

- (i) Frequency during Monitoring Period:
- (ii) Method Record : (i.e, visual check or measurement or others)
- (iii) Dates of Record :
- (iv) Evaluation on the monitoring results:

Summary of Records

[illegible]

Note:

- 1) Annex-4 shall be attached for monitoring of B-4 and the detail record activities photos and evidences shall be included in Annex-4.
- 2) If B-4 is not required for the locater's business, please fill "Not Applicable".

B-5 Noise and Vibration

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

Summary of Records

Month/Year	Method of Monitoring	Description	Remark

Note:

- 1) Annex-5 shall be attached for monitoring of B-5 and the detail record activities photos and evidences shall be included in Annex-5.

5.2 Records of mitigation measures for controlling noise and vibration generation (e.g. measurement with equipment etc.) with photograph and attachments, if any

☐ Monitored ☐ Not yet to monitor ☐ Not applicable

(Please provide reasons) (Please provide reasons)

If marked "Monitored", please describe the followings:

- (i) Locations of Measurement Point:
- (ii) Measurement Period/ Date/ Time:
- (iii) Brief explanation of Measurement Method :
- (iv) Measured Parameters:
- (v) Evaluation on the monitoring results:

Summary of Measurement Results

Month/Year	Location	Parameter, L_{eq}	Unit	Measured	Measured	Status of Compliance with	Expected	Counter Measures	Remarks
------------	----------	---------------------	------	----------	----------	---------------------------	----------	------------------	---------

				Value (Mean)	Value (Min & Max.)	MJTD Standards for Noise and Vibration	Reasons if Exceeded	if Exceeded	
						Leq (Day/Evening/Night)			
		Leq (Day)				OK/N			
		Leq(Evening)							
		Leq(Night)							

Note:

- 1) Annex-5 shall be attached for monitoring of B-5 and the detail record activities photos, and raw data analysis sheets shall be included in Annex-5.

B-6 Odor

6.1 Records of prevention of emitting offensive odor such as patrol check, maintenance of ventilation system, wastewater treatment system, etc. with photograph and attachments, if any

Summary of Records

Month/Year	Location	Method of Monitoring	Status of Odor Emission	Counter Measures, if any	Remark

Note:

- 1) Annex-6 shall be attached for monitoring of B-6 and the detail record activities photos and evidences shall be included in Annex-4.
- 2) If B-6 is not required for the locator's business, please fill "Not Applicable".

B-7 Hazardous and Chemical Substances

7.1 Records of mitigation measures for controlling hazardous and chemical substances (e.g. checking the status of hazardous and chemical substances including raw materials, products, chemicals used for Laboratory, etc.) with photograph and attachments, if any

- (i) Location of Record Point:

- (ii) Frequency during Monitoring Period:
- (iii) Evaluation on the monitoring results:

Summary of Hazardous and Chemical Substances Record

Month/Year	List of Used Hazardous & Chemical Substances	Monthly Total Amount (m ³ or L or kg)	Description of Management	Remarks

Note:

- 1) Annex-7 shall be attached for monitoring of B-7 and the detail record activities photos and evidences shall be included in Annex-7.

7.2 Records of mitigation measures such as training and guidance related to handling of hazardous and chemical substances to the workers, accident records, storage condition record, etc. with photograph and attachments, if any

Month/Year	Description			Counter Measures, if any accidents	Remark
	Training and Guidance	Investigation of Storage Condition	Record of Accidents		

Note:

- 1) Annex-7 shall be attached for monitoring of B-7 and the detail record activities photos and evidences shall be included in Annex-7.

7.3 Records of self-inspection for hazardous and chemical substances management, including the measures to secure occupational health and safety, with photos and attachments, if self-inspection is requested as a particular condition in the approval of ECPP

- ☐ self-inspected ☐ Not yet to inspect ☐ Not applicable

(Please provide reasons)

(Please provide reasons)

If marked “self-inspected”, please attach the following document in Annex-7:

- (i) Checklist for self-inspection
- (ii) Performance of self-inspection
- (iii) Results of self-inspection

B-8 Greening Plan

8.1 Records of activities to maintain greening plan with photograph and attachments, if any

- (iv) Locations of Record Point:
- (v) Frequency during Monitoring Period:
- (vi) Method Record :
- (vii) Dates of Record :
- (viii) Activities to maintain greening plan:

Note:

- 1) *Annex-8 shall be attached for monitoring of B-8 and the detail record activities photos and evidences shall be included in Annex-8.*

B-9 Landscape

9.1 Records of activities to maintain landscape with photograph and attachments, if any

- (i) Locations of Record Point:
- (ii) Frequency during Monitoring Period:
- (iii) Method Record :
- (iv) Dates of Record :
- (v) Activities to maintain landscape:

Note:

- 1) *Annex-9 shall be attached for monitoring of B-9 and the detail record activities photos and evidences shall be included in Annex-9.*

B-10 Local Water Use

10.1 Records of mitigation measures activities related to local water use (e.g., water usage record if Tube well is used, leakage by the project, etc.) with photograph and attachments, if any

- (i) Locations of Record Point:
- (ii) Frequency during Monitoring Period:

(iii) Method Record :

(iv) Dates of Record :

(v) Activities:

Note:

- 1) Annex-10 shall be attached for monitoring of B-10 and the detail record activities photos and evidences shall be included in Annex-10.
- 2) If B-10 is not required for the locator's business, please fill "Not Applicable".

B-11 Occupational Health and Safety

11.1 Records of minor and major accidents/ infectious diseases inside the project area

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

Note:

- 1) If there is no accidents and infectious diseases, please fill "No accidents and infectious diseases"
- 2) Annex-11 shall be attached for monitoring of B-11 and the detail record activities photos and evidences shall be included in Annex-11.

11.2 Records of safety training/instructions to the operation workers

Month/Year	Type of safety training/instructions	Description

Note:

- 1) If there is no safety training/instructions, please fill "No Safety Training/Instruction"
- 2) Annex-11 shall be attached for monitoring of B-11 and the detail record activities photos and evidences shall be included in Annex-11

11.3 Record of other plans/ proper arrangements considering for the convenience of factory 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, social security, etc.)

Month/Year	Type of plans	Description

Note:

- 1) If there is no other plans, please fill "No other plan"
- 2) Annex-11 shall be attached for monitoring of B-11 and the detail record activities photos and evidences shall be included in Annex-11

B-12 Community Health and Safety

12.1 Records of minor and major accidents on roads around the project area and infectious diseases related to the community

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

Note:

- 1) If there is no accidents and infectious diseases, please fill "No accidents and infectious diseases"
- 2) Annex-12 shall be attached for monitoring of B-12 and the detail record activities photos and evidences shall be included in Annex-12.

B-13 Other Social Considerations

13.1 Record of CSR activities during monitoring period

☐ Yes ☐ No

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

Month/Year	CSR Activities	Contributed Community	Expenditures for CSR Activities	Note

13.2 Employment of PAPs from resettlement area

☐ Yes ☐ No

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

Month/Year	Total number of workers	No. of workers (Male)	No. of workers (Female)	Note

13.3 Employment of villagers from local area

☐ Yes ☐ No

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

Month/Year	Total number of workers	No. of workers (Male)	No. of workers (Female)	Note

13.4 Plan to employ the villagers from local area for next monitoring period

☐ Yes ☐ No

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

Month/Year	Total number of workers	No. of workers (Male)	No. of workers (Female)	Note

B-14 Emergency Risks

14.1 Records of emergency events such as fire, flood, earthquake

Month/Year	Type of Emergency Event	Description	Response Actions

14.2 Records of preparation of emergency response plan during monitoring period

- ☐ Prepared ☐ Under preparation ☐ Not applicable

(Please provide reasons)

If marked “prepared”, please attach the following document in Annex-14:

- (i) Communication Network for Emergency
- (ii) List of Emergency Contacts
- (iii) Setting the Gathering Point
- (iv) Emergency Guidance to Workers and Guidance for visitors
- (v) Regular Emergency Drill Plan and Implementation

B-15 Transboundary or Global issues

15.1 Records of the following activities, if any

- (i) Record the importing/exporting of wastes listed under Basel Convention, and other international treaties
- (ii) Record the status of utilizing alternative gas instead of greenhouse gases (or) alternative fuel to reduce emitting of greenhouse gases
- (iii) Record the large energy consumption business which more than 1500KL/year as crude oil equivalent

V. Commitment on Monitoring Activities and Results

The applicant committed that the environmental and social records, field measurements, and laboratory analysis results are true correct and reflect the actual environmental and social managements related to the project site. The applicant hereby declare to strictly comply with internal regulations provided by the Zone Developer of Zone A of Thilawa Special Economic Zone as well as environmental rules and regulations of Myanmar.

Date:

Signature of the Applicant.....

Name in Block Letters

Title

Official Seal/Stamp

Tel. No.

E-mail

Address

FORM-EN8-1

Application for Environmental Inspection during Operation Stage

Date:

Attention: Head of Environmental Section
One Stop Service Center
Thilawa Special Economic Zone

We hereby submit “Application for Inspection during Operation Stage” for Environmental Conservation and Prevention Plan (ECPP) of the following construction project.

1. Project Name:

2. Approval No. of ECPP:

3. Approval No. of IEE/EIA, if any:

4. Inspection requested: (*Make a check in appropriate inspection)

☐ 1) First Inspection after six months of commercial operation

☐ 2) Second/Third/Fourth, etc. (if necessary)

5. Estimated Date and Time of Inspection:

Applicant

Signature

Name

Address

FORM-EN8-2

Record of Environmental Inspection during Operation

6. Project Name:
7. Inspection ☐ First Inspection after six months of commercial operation
 ☐ Second/Third/Fourth, etc. (if necessary)
8. Date and Time of Inspection:
9. Name of Attendants for Inspection:

	Name	Organization/ Position
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

10. Inspected Items:

Environmental and Social Element	Inspected	To be inspected at next inspection time	Not Applicable
B-1 Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-2 Water Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-3 Solid Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-4 Soil Contamination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-5 Noise and Vibration	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-6 Odor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-7 Hazardous and Chemical Substances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-8 Greening Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-9 Landscape	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-10 Local Water Use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-11 Occupational Health and Safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-12 Community Health and Safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-13 Other Social Considerations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-14 Emergency Risks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B-15 Transboundary or Global issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. Instructions for Environmental Inspection:

	Inspection Issues	Instructions

Name of Inspector:
Environment Section
One Stop Service Center
Thilawa Special Economic Zone