

<p>EXECUTIVE SUMMARY</p> <p>2. PROJECT DESCRIPTION</p> <p>3. Policy, Legal and Institutional Framework Brief Description of Surrounding Environment</p> <p>4. ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES</p> <p>5. MONITORING PLAN</p> <p>6. ENVIRONMENTAL MANAGEMENT PLAN</p> <p>7. CORPORATE SOCIAL RESPONSIBILITY PLAN (CSR)</p> <p>8. EMERGENCY RESPONSE AND ENVIRONMENTAL MONITORING PLANS</p> <p>9. ENVIRONMENTAL MANAGEMENT ACTION</p> <p>10. PUBLIC CONSULTATION</p> <p>11. Conclusion</p> <p>အကျဉ်းချုပ်အစီရင်ခံစာ</p> <p>၂။ စီမံကိန်းဆိုင်ရာဖော်ပြချက်</p> <p>၃။ ဥပဒေနှင့်မူဝါဒဆိုင်ရာအချက်အလက်များ</p> <p>၄။ ဖြစ်ပေါ်နိုင်သော ပတ်ဝန်းကျင်အပေါ်ထိခိုက်မှုနှင့်လျော့ချရမည့်နည်းလမ်းများ</p> <p>၅။ ပတ်ဝန်းကျင်စောင့်ကြပ်ကြည့်ရှုမှုအစီအစဉ်</p> <p>၆။ ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ်</p> <p>၇။ လူမှုရေးဆိုင်ရာတာဝန်ခံမှု</p> <p>၈။ အရေးပေါ်အခြေအနေတုံ့ပြန်မှုနှင့်ပတ်ဝန်းကျင်စောင့်ကြပ်ကြည့်ရှုမှုအစီအစဉ်</p> <p>၉။ ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုလုပ်ငန်းစီမံချက်များ</p> <p>၁၀။ အများပြည်သူတို့ဖြင့် တိုင်ပင်ဆွေးနွေးခြင်းနှင့် ပြည်သူတို့၏ ပူးပေါင်းပါဝင်မှု</p> <p>၁၁။ နိဂုံး</p>	<p>1-28</p>
<p>CHAPTER – 1 INTRODUCTION</p> <p>1.1 Project Background</p> <p>1.1.1 Project Proponent Profile</p> <p>1.1.2 Investment Plan and Salient Features of the Project</p> <p>1.2 Environmental Consultant Profile</p>	<p>29-32</p>
<p>CHAPTER- 2 POLICY, LEGAL AND INSTITUTIONAL FRAMEWORK</p> <p>2.1 Myanmar Regulatory Framework</p> <p>2.1.1 Laws and Regulations Related to Environmental and Social Considerations</p> <p>2.2 International Guidelines</p> <p>2.3 Commitment of G & U (Myanmar) Fashion Co., Ltd</p>	<p>33-52</p>
<p>CHAPTER – 3 PROJECT DESCRIPTION</p> <p>3.1 Location Proposed Project</p> <p>3.2 Objectives of Proposed Project</p> <p>3.2.1 Site Description of Project Site</p> <p>3.3 Salient Features of the Factory</p> <p>3.4 Annual Raw Materials Requirement</p> <p>3.5 Machinery and Equipment</p> <p>3.6 Production Activity</p> <p>3.7 Resource Requirement</p> <p>3.7.1 Human Resource of Requirement</p> <p>3.7.2 Working Hour</p> <p>3.8 Products and Production Activity</p> <p>3.8.1 Sale System</p>	<p>53-81</p>

<ul style="list-style-type: none"> 3.9 Project Facilities <ul style="list-style-type: none"> 3.9.1 Electricity 3.9.2 Water Supply 3.9.3 Boiler <ul style="list-style-type: none"> 3.9.3.1 Boiler Specification 3.9.4 Drainage 3.9.5 Water Treatment Tank 3.9.6 Garbage Tank 3.9.7 Ventilation 3.9.8 First Aid Guidelines and Facilities 	
<p>Chapter 4 BASELINE ENVIRONMENTAL QUALITY</p> <ul style="list-style-type: none"> 4.1 Physical Environment Around the Project <ul style="list-style-type: none"> 4.1.1 Topography 4.1.2 Climate 4.1.3 Water Body 4.2.4 Land Use 4.2.5 Archaeological Land and Cultural Resources 4.3 Baseline Environmental Monitoring of the Project <ul style="list-style-type: none"> 4.3.1 Environmental Baseline Study 4.3.2 Air Quality Monitoring Results 4.3.3 Noise <ul style="list-style-type: none"> 4.3.4 Noise Monitoring Results 4.3.5 Lightening and Temperature 4.3.6 Water Quality <ul style="list-style-type: none"> 4.3.6.1 Ground Water Quality 4.4 Solid Waste 4.5 Biological Environment <ul style="list-style-type: none"> 4.5.1. Flora 4.5.2. Fauna 4.6 Socio-Economic Environment 	82-93
<p>CHAPTER 5 POTENTIAL ENVIRONMENTAL IMPACT ASSESSMENT</p> <ul style="list-style-type: none"> 5.1. SUMMARY OF ENVIRONAMETNAL, SOCIAL AND HEALTH IMPACT ASSESSMENT 5.2. METHODOLOGIACL OF ASSESSMENT <ul style="list-style-type: none"> 5.2.1. Environmental Value 5.2.2. Degree of Disturbance 5.2.3. Probability of the Impact 5.2.4. Extent of the Impact 5.2.5. Duration of the Impact 5.2.6. Significance of the Impact 5.3. POTENTIAL IMPACT DURING OPERATION PHASE <ul style="list-style-type: none"> 5.3.1. Summary of Environmental and Social Risks Assessment 5.4. ENVIRONMENTAL IMPACT ASSESSMENT AND MITIGATION MEASURES DURING OPERATION <ul style="list-style-type: none"> 5.4.1. Impact on Air Quality and Mitigation Measures <ul style="list-style-type: none"> 5.4.1.1. Impact on Air Quality 5.4.1.2. Mitigation Measures for Air Pollution 5.4.2. Impact on Noise Pollution and Mitigation Measures <ul style="list-style-type: none"> 5.4.2.1. Impact on Noise Pollution 5.4.2.2. Mitigation Measures for Noise Pollution 5.4.3. Impact on Water Quality and Mitigation Measures <ul style="list-style-type: none"> 5.4.3.1. Impact on Water Quality 5.4.3.2. Mitigation Measures for Water Pollution 	94-104

<ul style="list-style-type: none"> 5.4.4. Impact on Soil Pollution and Mitigation Measures <ul style="list-style-type: none"> 5.4.4.1. Impact on Soil Pollution 5.4.4.2. Mitigation Measures for Soil Pollution 5.4.5. Odor <ul style="list-style-type: none"> 5.4.5.1. Mitigation Measures for Odor Dispersion 5.4.6 Impact on Natural Environment <ul style="list-style-type: none"> 5.4.6.1. Impact on Socio-economic 5.4.6.2. Impact on Social Infrastructure and Service 5.4.6.3. Impact on Cultural Heritage/Asset 5.4.7. Impact on Occupational Health and Safety <ul style="list-style-type: none"> 5.4.7.1. Mitigation Measures for Occupational Health and Safety 5.4.7.2. Risks for Infectious Diseases 5.4.7.3. First Aid Guidelines and Facilities 5.4.8. Emergency Risk <ul style="list-style-type: none"> 5.4.8.1. Flood risk/Fire risk/Earthquake 5.4.8.2. Mitigation Measures for Fire Hazard 5.4.8.3 Global Warming 	
<p>Chapter – 6 Public Consultation Process</p> <ul style="list-style-type: none"> 6.1 Summary of Public Consultations and Activities Undertaken 6.2 Environmental Management Plan 	105-111
<p>CHAPTER – 7 ENVIRONMENTAL MANAGEMENT PLAN</p> <ul style="list-style-type: none"> 7.1 Objective of Environmental Management Plan 7.2 Environmental Policy 7.3 Health Policy 7.4 Description of Responsibilities for Implementation 7.5 Environmental Impact and Mitigation Measures <ul style="list-style-type: none"> 7.5.1 Air Emission Management 7.5.2 Noise Pollution Management 7.5.3 Water Management 7.6 Management and Control of Water Consumption 7.7 Natural Environmental Impact and Mitigation Measures 7.8 Social Environmental Impact and Mitigation Measures 7.9 Leak and Spill Management 7.10 Occupational Health and Safety Management 7.11 Emergency Response Plan <ul style="list-style-type: none"> 7.11 Fire Prevention Plans 7.13 Summary of Environmental and Social Management Plan 7.14 Environmental Monitoring Plan <ul style="list-style-type: none"> 7.15 Environmental Monitoring Plan <ul style="list-style-type: none"> 7.15.1 Environmental Monitoring Plan for Operation Phase and Decommission Phase 7.16 Environmental Monitoring Plan for Operation Phase and Decommission Phase 7.17 Corporate Social Responsibility (CSR) Plan 7.18 Public School 7.19 Non-Profit Training 7.20 Healthcare <ul style="list-style-type: none"> 7.21 Budget Plan for Environmental Management and Monitoring 7.22 Grievance Redress Mechanism (GRM) 7.23 Reporting Monitoring Results 	112-152
CHAPTER- 8 EMPLOYEE WELFARE PALN	153-154
CHAPTER – 9 CONCLUSION	155
Appendix (A) Fire Training	156-225

<p>Appendix (B) First Aid Training</p> <p>Appendix (C) Factory Photo</p> <p>Appendix (D) Company Letter</p> <p>Appendix (E) Land Lease</p> <p>Appendix (F) Photo of Water Quality Standard</p> <p>Appendix (G) Photo of Water Test and Water Sampling Photo</p> <p>Appendix (H) Consultant Company Registration Permit Letter</p> <p>Appendix (I) Public Consultation Meeting Attendant</p> <p>Appendix (J) Questionaries Form</p> <p>Appendix (K) List of Commitment</p> <p>Appendix (L) Air Quality Result</p> <p>Appendix (M) Air Quality Index for Mingalordon according to September 2023</p> <p>Appendix (N) CSR and Welfare Photo</p> <p>Appendix (O) Facts of Bank Information</p> <p>Appendix (P) Power Point Presentation</p>	
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

List of Table

<p>Table -1 Project description</p> <p>Table 2 Evaluation of Environmental Impacts and Mitigation Measures</p> <p>ဇယား(၁) စီမံကိန်းဆိုင်ရာအချက်အလက်</p> <p>ဇယား (၂)ပတ်ဝန်းကျင်ဆိုင်ရာထိခိုက်မှုများနှင့် လျှော့ချရမည့်နည်းလမ်းများအား အကဲဖြတ် ဇယား</p> <p>Table 1.1 Information of Investor</p> <p>Table 1.2 Director List</p> <p>Table 1.3 Salient Features of the Project</p> <p>Table 1.4 Members of EMP Study Team</p> <p>Table 1.5 Members of EMP Study Team and Its Expertise</p> <p>Table 2-1 List of Myanmar’s Law Relating to Environmental Management</p> <p>Table 2.2.1 National Guidelines for Air Quality</p> <p>Table 2.2.2 National Guidelines on Noise Level</p> <p>Table 2.2.3 National Guidelines on Wastewater for Water Runoff, Effluent and Sanitary Discharges (General Application</p> <p>Table 2.2.4 Observed Air Quality Results</p> <p>Table 2.2.5 Observed indoor air quality Result</p> <p>Table 2.2.6 Noise level measurement result</p> <p>Table 2.2.7 Recommended Illumination and Limiting Glare Index based on IES code 1968</p> <p>Table 2.2.8 Monitoring Measurement of Light (lux)</p> <p>Table 3.1 Main Raw Material Requirement for One Unit</p> <p>Table 3-2 Lists of Machinery</p> <p>Table 3.3 List of Local and Foreign Employee</p> <p>Table 3.4 Production Income</p> <p>Table 4.1 Air Quality Sampling and Standards</p> <p>Table 4.2 Location of Survey Point</p> <p>Table 4.3 Result of Air Quality Monitoring at Compound</p> <p>Table 4.4 Air Quality Measurement at the Factory</p> <p>Table 4.5 Noise Level Standards</p> <p>Table 4.6 Noise level measurement result</p> <p>Table 4.7 Recommended Illumination and Limiting Glare Index based on IES code 1968</p> <p>Table 4.8 Monitoring Measurement of Light (lux)</p> <p>Table 4.9 Ground Water Quality Standards</p> <p>Table 4.10 Existing Condition of Ecological Resources</p> <p>Table 5.1 Grid for Determining Environmental Value</p> <p>Table 5.2 Grid for Determining Intensity of an Impact</p> <p>Table 5.3 Evaluation of Impact Assessment</p>

Table 5.4 Summary of Environmental and Social Risk Assessment

Table 6.1 Agenda of the Public Consultation Meeting

Table 6.2 Air Pollution/Dust Management Plan

Table 6.3 Noise Management Plan

Table 6.4 Solid Waste Management Plan

Table 6.5 Wastewater Management Plan

Table 6.6 Energy Management Plan

Table 6.7 Water Consumption Management Plan

Table 6.8 Emergency Response and Disaster Management Plan

Table 7.1 Responsibilities of ERT

Table 7.2 Environmental Impact and Mitigation Measures (Air Pollution) during Operation Phase

Table 7.3 Environmental Impact and Mitigation Measures (Noise) during Operation

Table 7.4 Environmental Impact and Mitigation Measures (Water) during Operation Phase

Table 7.5 Environmental Impact and Mitigation Measures (Solid Waste) during Operation Phase

Table 7.6 Environmental Impact and Mitigation Measures (Natural Environment) during Operation Phase

Table 7.7 Environmental Impact and Mitigation Measures (Social Environment) during Operation Phase

Table 7.8 Environmental Impact and Mitigation Measures (Natural Environment) during Operation Phase

Table 7.9 Occupational Health and Safety Plan

Table 7.10 Responsibilities of ERT

Table 7.11 Environmental and Social Management Plan for Operation Phase

Table 7.12 Environmental and Social Management Plan for Decommissioning Phase

Table 7.13 Environmental Monitoring Schedule for G & U (Myanmar) Fashion Co., Ltd

Table 7.14 Environmental Monitoring Schedule for G & U (Myanmar) Fashion Co., Ltd

Table 7.15 CSR Plan at G & U (Myanmar) Fashion Co., Ltd

Table 7.16 Cost Estimation for EMP Implementation

List of Figure

Process Flow for Material Receiving

Process Flow for Cutting

Process Flow for Sewing

Process Flow for Inspection

Process Flow for Finishing

Process Flow for Shipping

Figure 1 Process Photo

Figure 2 Environmental Management Plan Circle

ကုန်ကြမ်းပစ္စည်းရရှိမှုအဆင့်ဆင့်

ပိတ်ဖြတ်လုပ်ငန်းအဆင့်ဆင့်

အထည်ချုပ်လုပ်မှုအဆင့်ဆင့်

အထည်စစ်ဆေးမှုအဆင့်ဆင့်

ကုန်ချောငှာနုလုပ်ငန်းအဆင့်ဆင့်

အထည်တင်ပို့မှုလုပ်ငန်းစဉ်

ပုံ (၁) စက်ရုံမှထုတ်ပိုးပစ္စည်းအမျိုးမျိုးထုတ်လုပ်မှုလုပ်ငန်းစဉ်အဆင့်ဆင့်

ပုံ(၂) ပတ်ဝန်းကျင်စီမံခန့်ခွဲမှုအစီအစဉ်ပြစက်ဝိုင်း

Figure 1-1 Organization chart of Factory

Figure 3-1 Location (Satellite) Map of the Factory

Figure 3-2 Factory Layout Plan

Figure 3.3 Raw Material Photos

Figure 3.4 Machine Photo
Material Receiving
Process Flow of Material Receiving
Figure 3-5 Photos of Material & Accessories Receiving
Cutting
Process Flow for Cutting
Figure 3.6 Photos of Cutting Section
Sewing and Ironing
Process Flow for Sewing
Figure 3-7 Photos of Sewing Section
Figure 3-8 Photos of Ironing Section
Inspection
Process Flow for Inspection
Figure 3-9 Photos of Inspection Section
Finishing
Process Flow for Finishing
Figure 3-10 Photos of Finishing Products
Packing and Shipping
Process flow for Shipping
Figure 3-11 Photos of Packing Section
Figure 3-12 Product Photos
Figure 3-13 Photos of Transformer and Generator
Figure 3-14 Photos of Water Supply
Figure 3.15 Photo of Boiler, fuel
Figure 3-16 Boiler Certificate
Figure 3-17 Photos of Drainage System
Figure 3-18 Photos of Garbage Room
Figure 3-19 Photos of Ventilation
Figure 3-20 Photo of Factory Clinic and waste bin
Figure 4-1 Soil Map of Yangon Region
Figure 4-2 Project Location and the Nearest Creeks
Figure 4.3 Baseline Study Map
Figure 4.4 Air Quality Monitoring Photo
Figure 4.5 Photo of Sound Level Meter
Figure 4.6 Photo of Light Level Meter
Figure 4.7 Mingalardon Township Map
Figure 5.1 Impact Evaluation methodologies
Figure 6.1 Photo of Public Consultation
Figure 7-1 Photo of Extinguisher and Exit