

Enterprise Information Management (EIM) (Environmental Impact) Report

Issued for HUA MENG MYANMAR CO., LTD

HUA
MENG
MYANMAR

EIM :CODE
J121925

EIM ENVIRONMENTAL SCORE
25

EIM (Environment Impact) Report : 5th February, 2025

Enterprise Information Management
Compliance to the Environmental Management Plan and
The Zero Discharge Hazardous Chemical Policy

EIM 1/25
5/2/2025

05/12/2024 10:58

EIM-Environmental Impact :

5th Febuary,2025

KKSEIM01



Certificate

For

Environmental Impact Score

(25)

This is to be certified that Hua Meng Myanmar Co.,Ltd is in compliance with the Environmental Impact Score of -----25----(Low✓-Medium-High)-----

for its Manufacturing of Garment on CMP basic. It is also conducting to be in line with the Approved Environmental Management Plan and the company is reporting regularly the Monitoring Reports to the Environmental Conservation Department of Ministry of Natural Resources and Environmental Conservation.

Checked & Recommended by

Approved by

Mya Mya Aye
Managing Director
Kaung Kyaw Say Engineering Co.,Ltd
Consultant (License No.)
(Person, EIA-C43)

Htun Naing Aung
Chairman
Kaung Kyaw Say Engineering Co.,Ltd
Chief Consultant (License No.)
(Person, EIA-C42)

Prepared for

Hua Meng Myanmar Co.,Ltd,

Plot No.(184B),U Paing No.17/2,18/1 No.4 Quarter,
Kangyidaunt Township, Ayeyarwaddy Division Region.
Phone 09422468625

Certified by

Kaung Kyaw Say Engineering Co.,Ltd

No.31 Pinlone Yeikmon, Thingungyun Tsp
Yangon,11071Tel; 01-571284 , 095183517

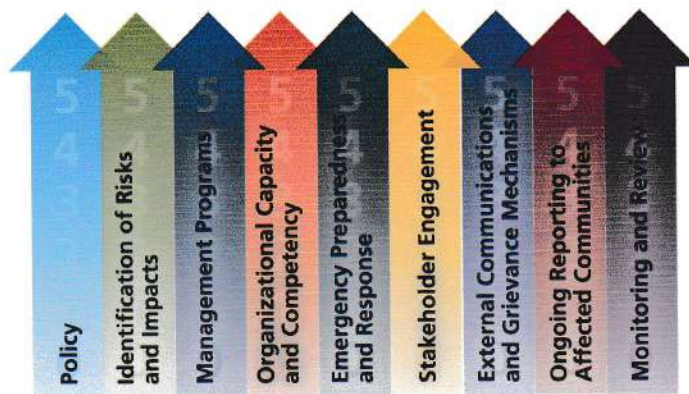
2025



KAUNG KYAW SAY ENGINEERING CO.,LTD

No.31, Pinlone Yeik Mon 5th Street, Pinlone Yeik Mon, Thingungyun Tsp. Yangon, 11071 Myanmar
Tel; +95-1-571284 , Mobile; 095183517 E.mail. kaungkyawsaymdoffice@gmail.com.

Project Name; :The Manufacturing of Garments on CMP basic Factory Project
Company Name: :Hua Meng Myanmar Co.,Ltd (Kangyidaunt)
Date of Assessment: :5.12.2024



THE SYSTEM MATURITY LEVELS (5 - HIGHEST)	
Level 5	Mature system implemented internally and with key supply chain partners - continual improvement embedded in operations
Level 4	Systems well developed and implemented internally - routine improvement projects
Level 3	Systems approach adopted, but development and implementation is inconsistent - improvement sporadic
Level 2	Limited system development with sporadic implementation - primarily reactive
Level 1	Little systems awareness or repeatable processes
Level 0	No systems awareness or repeatable processes

Certification of Environmental Impact Score (Water, Energy, Chemical, Workers)

Project No. EIM 01 /25
Report Date Feb.5,2025



Project Information

Project Name : Hua Maeng Myanmar Co.,Ltd (Garment Factory Project)
Location : Plot No.(184-B) U Paing No.17/2-18/1, No.4 Quarter, Kangyidaunt Township, Patheingyi
Contact : Daw May Thandar Zaw

Environmental Impact Score																
Product	Code	Score			Impact											
					Water			Energy			Chemical			Worker		
Lady Wear	J121925	25			10			2			0			10		
		L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
		0~30	>30 ~60	>60	0-45	>45 ~90	>90	0~2.5	>2.5 ~3.5	>3.5	0~30	>30 ~60	>60	0~15	>15 ~30	>30

Inline with global sustainable development goals

--	--	--	--

Enterprise Information Management (EIM)



Company Hua Meng Myanmar Co.,Ltd
Supported by Kaung Kyaw Say Engineering Co.,Ltd
Web Site WWW.kaungkyawsay.com

Product Lady Wear J121925

Production Process (1) Pretreatment (2) Washing (3) Bleaching
(4) Softening (5) Rinse and Drain (6) Drying



Pretreatment	
PP (1)	Pretreatment Washing Machine (Front Loading)
Time	8 min
Temperature	45 C°
LR	1:01
Gradient	25 C°/min
Recycle (Water)	No
Chemical Use Nil	

ENZYNE WASH	
PP (2)	Washing Machine (Front Loading)
Time	10 min
Temperature	45 C°
LR	1:07
Gradient	25 C°/min
Recycle (Water)	No
Chemical Use Costic Soda 500gm Enzyme (Hydrogen Peroxide 3L) Calcium Hypochlorite 65%	

ENZYNE WASH	
PP (3)	Rinsing
Time	15 min
Temperature	25 C°
LR	1:07
Gradient	25 C°/min
Recycle (Water)	No
Chemical Use Enzyme (Natural Cellulose 0.3g/L)	

Softening	
PP (4)	Washing Machine (Front Loading)
Time	0.5 min
Temperature	25 C°
LR	1:07
Gradient	25 C°/min
Recycle (Water)	No
Chemical Use Softener (Cationic 1.5g/L)	

Rinse and Drain	
PP (5)	Water Extractor
Time	15 min
Temperature	25 C°
Chemical Use Nil	

Drying	
PP (6)	Steam Dryer
Time	20 min
Temperature	55 C°
Steam Pressure	
Chemical Use Nil	

Process Summary (per garment)

Product Name		Lady Wear (J121925)			
Weight (kg)		9			
Process Time (min)		68.5			
Product	Water (L/garment)	Energy (kwh/garment)	Chemical's Breakdown		Warker Impact
Lady Wear J121925	Consume 24.2	From Grid 20%	ZDHC	0	0
	Treated Yes	Efficiency 80%			
	Reuse Nil	Own generating 80%			
	Treated water use at greening program	Renewable Energy Nil	ZDHC Report available		
Carbon Footprint (0.15) (kgCO2/garment)					

Environmental Impact Score

Product	Code	Score	Impact			
Lady Wear	J121925	25 (Low)	Water (l/kg of garment)	Energy (kwh of garment)	Chemical	Worker
			0-45, >45-90, >90 (Low,Medium,High)	0-2.5, >2.5-3.5, >3.5 (Low,Medium,High)	0-30, >30-60, >60 (Low,Medium,High)	0-15, >15-30, >30 (Low,Medium,High)
			0-30 >30-60 >60 Low Medium High	24.2 2	0	0



KAUNG KYAW SAY ENGINEERING CO.,LTD

No.31, Pinlone Yeik Mon 5th Street, Pinlone Yeik Mon, Thingungyun Tsp. Yangon, 11071 Myanmar
Tel; +95-1-571284 , Mobile; 095183517 E.mail. kaungkvawsaymdoffice@gmail.com.



Comments and Recommendations by Experts

The factory is creating job opportunities for the local people which is definitely improve the poverty reduction by enhancing the income of individual and GDP.

The factory is utilizing chemicals supplied by the local supplier and water extracting from the tube well installed in the factory's premise area.

The ZDHC (Zero Discharge Hazardous Chemical) analysis report shows the compliance to the manufacturing of garments by CMP basic to evaluate the effect of the plant discharge while running on chemical based dying, enzyme and rinse & washing in the production process. It is found that the factory is operating with no chemical residual or hazardous waste discharging to the outside of the factory premise or public area.

The waste water from the production process is treated at the waste water treatment plant or keeps in the day tank which is designed for any extra waste water by the high production capacity. The stored waste water is treated at the waste water treatment plant when the production is less than the capacity. The day tank is made with PVC layer at the bottom to prevent the soil contamination.

This factory is compliance to the ECD approved EMP report and submitting the Monitoring Reports regularly every once in a six month.

It is concluded that the project is satisfied and compliance to the Zero Discharge type on Hazardous Chemicals and the global sustainable development goals of no. (1, 6 and 12) etc.

Prepared by

(Daw Myint Myint Thein)
Assistant /Data Collect

Checked by

(Daw Mya Mya Aye)
Consultant
(License No. EIA-C43)

Approved by

(Htun Naing Aung)
Chief Consultant
(License No. EIA-C42)

1. APPENDIX

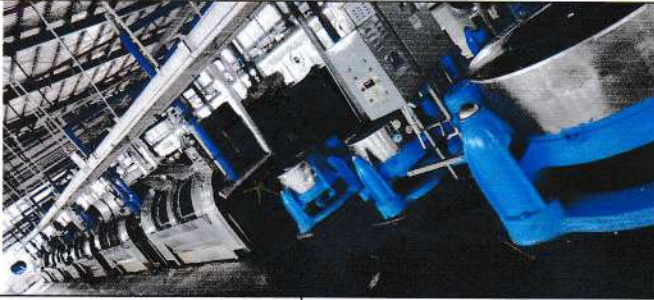




1. Analysis Report, National Analytical Laboratory, Department of Research and Innovation, Ministry of Science and Technology
2. Water Quality Test Result, issued by ISO Tech Laboratory, No.18 Lanthit Lane, Nanthargone Quarter, Insein Township, Yangon Myanmar



KAUNG KYAW SAY ENGINEERING CO.,LTD

No.31, Pinlone Yeik Mon 5th Street, Pinlone Yeik Mon, Thingungyun Tsp. Yangon, 11071 Myanmar
Tel; +95-1-571284 , Mobile; 095183517 E.mail. kaungkyawsaymdoffice@gmail.com.

2. FIELD SURVEY RECORD PHOTOS (DEC, 2024)

Washing Process		Washing Process
		
Enzyme Process	Rinse & Drain Process	Water Extraction Process
		
Drying Process	Waste Water Treatment Plant	Waste Water Treatment Plant
