

GPSC

Environmental Policy Implementation & Management System 2025



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Introduction

GPSC OEMS Manual L3 — SSHE Element (HES-MM-0007)

About the Document

Document: HES-MM-0007 Rev.01 (August 2024)
Level: GPSC OEMS Level 3 (Internal Operating Standard)

The GPSC Operational Excellence Management System (OEMS) Manual defines the company's operational framework across 12 elements. The **Safety, Security, Health and Environment (SSHE) Element** establishes GPSC's group-wide requirements for:

- Environmental policy implementation and CEO endorsement
- Roles, accountability, and performance cascade
- Legal & regulatory compliance
- Environmental management (climate, biodiversity, BAP)
- Training and competency requirements
- Contractor QSHE requirements

Developed in alignment with PTT Group OEMS L1 & L2. Complies with **ISO 14001:2015, ISO 9001:2015, and ISO 45001:2018.**

Selected Pages from HES-MM-0007

SSHE p.3–6 | p.9–10 | p.12–16 | p.20–22
(PDF pages 21–40 of HES-MM-0007)

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Management Manual

Latest Revision Document Information

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Reference System / Standards and Requirements

No.	System / Standards	Requirements
1	PTT Group Operational Excellence Management System (OEMS Manual Level1)	PTT Group Operational Excellence Management System (OEMS Manual Level1)
2	PTT Group Operational Excellence Management System (OEMS Manual Level2)	PTT Group Operational Excellence Management System (OEMS Manual Level2)

Related Document

No.	Document Type	Document No.	Document Name	Release Date
1				
2				
3				
4				
5				

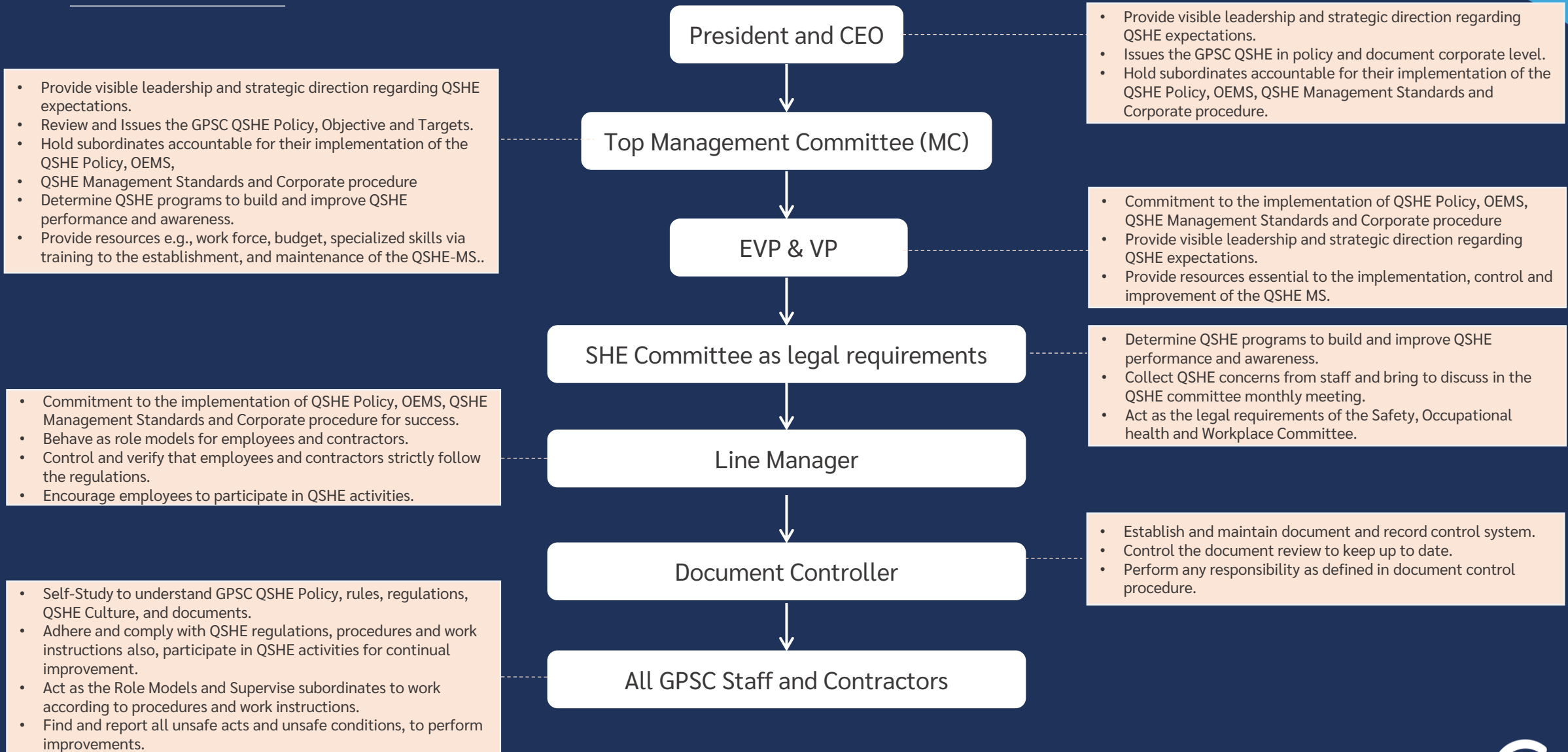
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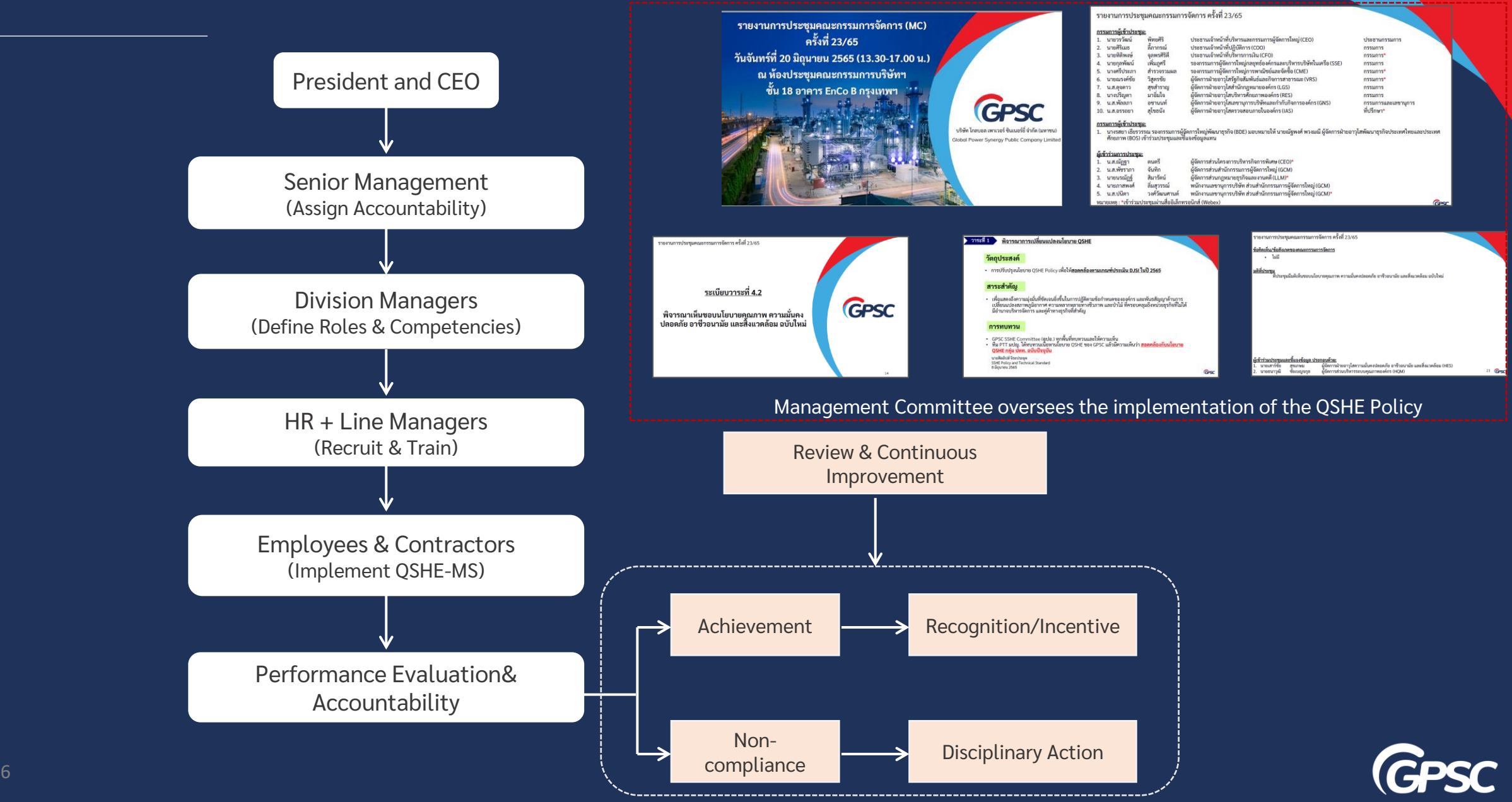
The most up-to-date, approved and signed-off version is always posted on GPSC intranet.

Establishing clear accountability

Establishing clear accountability for policy implementation



Establishing clear accountability for policy implementation



Ensuring continuous improvement of environmental performance

Ensuring continuous improvement of environmental performance

GPSC applies a Plan–Do–Check–Act (PDCA) approach to continuously improve environmental performance. Environmental policies and objectives are implemented through the QSHE Management System, monitored using performance indicators and audits, reviewed annually by senior management, and enhanced through corrective actions, preventive actions, and policy updates.



Setting targets and objectives to reduce environmental impacts

Setting targets and objectives to reduce environmental impacts

GPSC establishes environmental objectives and targets through its QSHE Management System under the oversight of senior management.

GPSC Environmental Target Setting Approach

- MC provides strategic direction and reviews QSHE Objectives and Targets
- Environmental objectives are aligned with business strategy and QSHE priorities
- Objectives are implemented through QSHE programs and action plans
- Resources, competencies and budgets are allocated to support achievement
- Progress is monitored through the QSHE Management System
- Objectives and targets are reviewed annually by MC/QSHE Committee and updated where necessary

1.3 ตัวชี้วัดด้านสิ่งแวดล้อม (Environment)	
ตัวชี้วัด	เป้าหมายที่กำหนด
1.3.1 จำนวนครั้งของการรั่วไหลของน้ำมันและสารเคมี (Oil and Chemical Spill) ลงสู่สิ่งแวดล้อม	การรั่วไหลลงสู่สิ่งแวดล้อมที่มีนัยสำคัญ ตามที่กำหนด เท่ากับ 0 ครั้ง
Prevents and monitors oil and chemical spills through operational controls, preventive measures, and emergency response to achieve zero significant spills.	
1.3.2 อัตราการใช้น้ำในสถานประกอบการเพื่อกักเก็บและใช้ (Water Consumption)	อาคารสำนักงาน
Monitors and improves water use efficiency through conservation measures and regular performance tracking.	
1.3.3 ปริมาณการดึงน้ำจืด (Freshwater Withdrawal)	ไม่เกิน 70 ล้านลูกบาศก์เมตร
Manages freshwater withdrawal by promoting efficient water use, recycling, and reuse to reduce freshwater demand.	
1.3.4 ร้อยละของปริมาณของเสียอันตราย (Industrial Hazardous Waste to Landfill) ค่อยปริมาณของเสียอันตรายจากอุตสาหกรรม ทั้งหมดที่ส่งกำจัด	
Minimizes hazardous waste disposal to landfill through waste reduction, recycling, recovery, and proper treatment, targeting zero landfill disposal.	
1.3.5 ร้อยละของปริมาณของเสียไม่อันตราย (Industrial Non-hazardous Waste to Landfill) ค่อยปริมาณของเสียไม่อันตรายจาก อุตสาหกรรมทั้งหมดที่ส่งกำจัด	
Reduces non-hazardous waste sent to landfill through recycling, reuse, and resource recovery, targeting zero landfill disposal.	

Environmental Policy Coverage and Implementation Framework

Environmental Policy Coverage and Implementation Framework

GPSC ensures effective implementation of its environmental policy through executive oversight, stakeholder engagement, policy communication, employee training, and contractor management processes. The policy is applied across GPSC operations and relevant business partners to promote environmental awareness, accountability, and performance improvement.



Clause 8 from Policy : The Policy requires training and awareness raising on the QSHE Policy and environmental impact protection for internal and external stakeholders.

Policy Communication through iSpark (Internal communication)

Stakeholder Engagement, Employee Training & Awareness



THANK YOU

