

รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะก่อสร้าง)

โครงการก่อสร้างก๊าซธรรมชาติจากท่อส่งก๊าซธรรมชาติ RRPP ไปยังโรงไฟฟ้าหินกอง

ฉบับที่ 4 ระหว่างเดือนกรกฎาคมถึงเดือนตุลาคม พ.ศ. 2566 (ปิดงานระยะก่อสร้าง)

ภาคผนวก 2-7

ตัวอย่างเอกสารระเบียบขั้นตอนการจัดการข้อร้องเรียน



PTT PUBLIC COMPANY LIMITED

HIN KONG POWER COMPANY LIMITED

HIN KONG POWER COMPANY LIMITED

Hin Kong Power Plant Natural Gas Transmission Pipeline Project

DOCUMENT TITLE:	COMPLAINTS MANAGEMENT PROCEDURE	
DOCUMENT NO.:	PR-X- 1906.03-010-011	REVISION: 1





DOCUMENT REVIEW

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| <input checked="" type="checkbox"/> F: | Work may proceed |
| <input type="checkbox"/> F: | Work may proceed. Submit Final Exam |
| <input type="checkbox"/> G: | Review and Revise: Work may proceed subject to incorporation of changes indicated. |
| <input type="checkbox"/> H: | Review and Revise: Work may not proceed. |
| <input type="checkbox"/> I: | Review not required. Work may proceed. |

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FTI Bank Company Limited

PTT Public Company Limited													
1	28-Mar-2022	Re-Issued for Construction	 Worley & Parsons (Thailand) Limited CONSULTANT:	Approved By Feng Chongnong	Checked By	Prepared By	Description	CONTRACTOR:			SINO-THAI ENGINEERING & CONSTRUCTION PUBLIC COMPANY LIMITED/ CHINA PETROLEUM PIPELINE BUREAU (THAILAND) COMPANY LIMITED		
0	3-Mar-2022	Issued for Construction											
C	10-Feb-2022	Re-Issued for Approval											
B	15-Jan-2022	Issued for Approval											
A	8-Dec-2021	Issued for Review											
Rev.	Date	Description											
									WORLEY (THAILAND) LIMITED				

Comment Response Sheet (CRS)
HIN KONG POWER PLANT NATURAL GAS TRANSMISSION
PROJECT



Project ID	TPA-EXT-N21-002	Owner	Hin Kong Power Company Limited
Project No.	1006/03	Prepared by	[REDACTED]
Document Number	[REDACTED]	Date 28 Mar 2022	
Document Title	Complaints Management Procedure	Rev. No. of Comment	Sheet 1 of 2

[illegible]

Additional Notes (if any) Attachment:

Distribution:

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1 GENERAL

1.1 Introduction

Hinkong Power Plant (Total Capacity of 1400 MW), located in Hinkong sub-district, Muang District, Ratchaburi Province requires the natural gas supply from RRRPP PTT Gas Pipeline network. Tie-in point by Hot tap at NPS 30" RRRPP PTT Transmission Pipeline and go inside the HKP1 Block Valve Station (HKP1) located approximate 50m from tie-in location then laid across Hinkong power private land and go along sub-RID, main RID and the HKP2 Block Valve Station (HKP2) far from the HKP1 approximately 14 km and one public local road (Responsible by Thetsaban Ko phlaphla), and then arriving at Hinkong Power Independence Power Plant (Hinkong Metering and Regulating Station) inside Hinkong Power Plant, NPS 24" pipeline, approx. 33.0 km long, to feed gas from RRRPP PTT Transmission Pipeline to Hinkong Power Independence Power Plant (Metering and Regulating Station).

1.2 Purpose

This document covers the procedure for the Complaints Management Procedure for the Hin Kong Power Plant Natural Gas Transmission Pipeline Project.

1.3 Definition

For the purposes of this document, the following definitions shall apply:

The "OWNER"	is Hin Kong Power Company Limited
The "Project"	is Hin Kong Power Plant Natural Gas Transmission Pipeline Project
The "CONSULTANT"	is Worley (Thailand) Limited
The "Contractor"	is Sino-Thai Engineering & Construction Public Company Limited / China Petroleum Pipeline Bureau (Thailand) Company Limited
The "Supplier"	is the Vendor Manufacturer or Seller of the equipment defined in the Specification
The "Purchaser"	is the Contractor or their appointed agent or representative

Throughout this document the following terminology is used:

"must"	A legal or statutory requirement
"shall"	A requirement made mandatory by this specification
"should"	A preferred requirement in this specification



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"may"

A feature, which is discretionary in the context in which it is applied

"will"

A feature which the Contractor / Supplier may assume to be already present

1.4 Abbreviations

CRO	Community Relations Officer
DOH	Department of Highways
SDAO	Sub-District Administrative Organization
EIA	Environment Impact Analysis
EGAT	Electricity Generation Authority of Thailand
RID	Royal Irrigation Department
HSE	Health, Safety and Environment
LEF	Land Entry Form
LRF	Land Release Form
MOU	Memorandum of Understanding
PP4	People Participation Meeting Level 4

2 REFERENCE DOCUMENTS

PL-X-1906.03-010-001	SHE Management Plan
PR-X-1906.03-010-009	Community Relation Management Procedure
	EIA report

3 RESPONSIBILITY

3.1 Project Manager

- Ensure that the contractor employees and its sub-contractors comply with the requirements of the project's EIA, project's specifications, landowner agreements and authority regulations.
- Ensuring that informed immediately of any complaint received by the contractor, sub-contractors etc. to OWNER/Consultant.
- Ensure that the contractor employees and its sub-contractors comply with the requirements of the company's policy and this document.
- Ensuring the continuous development of this procedure.

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3.2 HSE Manager

- Ensuring this procedure complies with the requirements of the project's EIA, project's specifications, landowner agreements and authority regulations.
- Reviewing sub-contractor's compliance with (under) this procedure.
- Implementing this procedure at the sites.
- Cooperation with construction for training all contractor's employees and subcontractors how to execute this procedure.
- Providing the recommendations and corrective action to correct complaints.
- Attend the meetings with construction team and follow up the corrective actions as requirements.
- Follows up to ensure the investigation and corrective actions whether closed or not.

3.3 Construction Manager/Supervisor

- Lead to implement any corrective actions required to close out complaints.
- Attend the meetings with construction team and follow up corrective actions.
- Implement this procedure at sites.

3.4 Community Relation Manager

- Receiving and processing the complaints
- Contacting the complainants and investigation their case.
- Document and report of the complaint record on the complaint register.
- Attend the meetings with construction team and follow up the corrective actions.
- Inspect the corrective actions with the complainant for close out.
- Transmit complete documents of complaints, investigations and close out to the OWNER/Consultant.

3.5 Community Relation Officers

- Contacting all permitting agencies and local administrations before construction commences, to obtain a construction permission or to give them adequate notice
- Contacting affected communities on site before construction commences, to ensure that they are given adequate notice.
- Survey and collect the communities' data. Public utilities, Obstructions houses, Shops and enterprises on site before construction commences.

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- Contacting and negotiating or compensating the owners to remove or relocation the public utilities, obstructions houses, shops and enterprises.
- Being available to the public private sectors and government agencies to answer queries and ensure concerns and complaints are channeled to the correct person.
- Contacting and turn back all area after construction to public and private and government agencies.
- Prepare CR Weekly report and submit to Owner.

3.6 Land Liaison Officers

- Survey and collect the communities data, public utilities, obstructions, houses shops and enterprise on site before construction commences.
- Contacting all permitting agencies and local administrations before construction commences, to obtain a construction permission or to give them adequate notice.
- Contacting and negotiating or compensating the landowner to remove or relocation the public utilities, obstructions, houses, shops and enterprises.
- Contacting affected communities on site before, during and after finish construction commences, to ensure that they are given adequate notice.
- LEF/LRF create monitoring report (see Appendix D).
- MOU create monitoring report (see Appendix E).
- Being available to the public private sectors and government agencies to answer queries and ensure concerns and complaints are channeled to the correct person.

4 EXECUTION

4.1 Introduction

Complaints can be received as follow:

- By community members arriving at construction site
- By telephone or letter, e-mail, social media,
- By local authorities (Village Leaders, District Officers, Provincial Agencies etc.)
- Via community meeting, through the local community media.
- During periodic meeting with regulatory Authorities, e.g. DOH, EGAT, RID, etc.
- Office and Complaint Center (083 7948386)

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4.2 Types of Complaints

Complaints will be managed differently depending on its classification:

- General Complaint means a low or medium level of impact i.e. a situation has no immediate impact or risk to a person, local community or environment.
- Emergency Complaint means the complaint with high level of impact and required immediately corrective actions, e.g. a situation that has potentially immediate or risks to persons, local communities, environment etc.

4.3 Control Measures

4.3.1 General Complaint

- The Community Relations Liaison officers shall issue all contact information of the site office to local community representatives within 30 days prior to construction. A presentation shall be made to the local Project Evaluation and Inspection Committee (PEIC) and inform local community representatives by follow requirement in EIA within 7 days prior to construction, notification to proceed the construction shall be made to the same committee.
- The complaint is received and is transferred to the Land Liaison Officer and Construction Manager and recorded in the complaints form and register. The OWNER/Consultant shall be informed upon receipt of any complaint. The Land Liaison Officer (to whom the complaint is relevant) takes the responsibility of complaint managing until it is closed out.

Note: The recipient will be discouraged from conversing further with the complainant if they are not from the complaint management team

- General complaint shall be initial investigated within 3 days after the notification.
- The officer arranges a meeting with the complainant (may be conducted by phone call) to understand the full scope of the issue and what the complainant expects for the issue to be resolved. This may involve a site visit in which OWNER/Consultant will be invited to attend.
- The construction team consists of the Construction Manager, Environmental Officer, Land Liaison Officer conducts a meeting to consider the validity of the complaint which analyze the cause of the problem, and determines whether the resolution proposed by the complainant is acceptable.
- In the event that the resolution is determined a meeting will be conducted in between the complainant, construction team, and the OWNER/ Consultant to derive the alternate solutions which meet the satisfaction of all parties.

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- Once a resolution has been agreed upon, the Construction Manager will implement the corrective action within the agreed timeframe.
- Designated person shall solve the problem and record the results in the complaint form after the corrective action is completed.
- The complainant is invited to assess the work carried out to ensure that it meets the resolution agreed upon, and complainant signs for agreeing the corrective actions.
- The Construction Manager informs the result of corrective action agreed by the complainant at the Project Management Team meetings. Staff of Complaint Response Team is responsible for recording complaints, evidence, collecting data on cause of complaints and monthly complaint evaluation.

4.3.2 Emergency Complaint

- The person receiving the complaint shall transmit it immediately to Construction Manager and a member of the construction team. The construction team informs the OWNER/Consultant, and arranges an immediate visit to the complainant to investigate the problem area together. Then, the resolution is agreed upon on site.
- The complaint shall be immediately sent to the Safety Officer on site within 1 hour at the site. After that, the Safety Officer shall report details of incident to Construction Manager and contact the complainant within 1 hour to arrange site visit (depending on the availability of the complainant).
- The Construction Manager will instruct the assigned staff to implement the corrective action within 24 hours and invite the complainant to investigate together after corrective action has been implemented. The complainant signs in the form and the designated staff shall record the observed problem/ incidents, initial analysis for causes of complaint, and type of complaint, into the complaint form. If this is a safety issue, immediate action will be taken. Assigned staff records the result on the Complaint Form and asks the complainant to sign for approval of the corrective actions immediately after investigation after corrective action has been implemented.
- If the complainant does not agree with the corrective action, the construction team must conduct further cause analysis and formulate corrective action measures.
- Post inspection, the Officer assigned to the complaint then closes out the issue on the Complaint Register.



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- 5 RECORDS**
- All complaints are logged on the Complaints Register and tracked until closed out.
 - The format of complaints form and register is attached under as the attachments
 - Status reports will be issued monthly for general complaints and immediately upon completion of emergency complaints.
- 6 REPORTING**
- Complaints will be reported weekly to the OWNER/Consultant via the weekly progress meeting and discussed in the Health, Safety, and Environment committee meetings.
 - The complaints form, the details of corrective actions, and due dates shall be forwarded to the Owner/Consultant as well as close out reports.

7 SAFETY

All Safety response in operations/actions taken to complaints shall be carried out in accordance with the Project's HSE Management Plan, EIA Report and OWNER/Consultant requirements.

8 APPENDICES

APPENDIX A. COMPLAINT FORM

APPENDIX B. COMPLAINT REGISTER

APPENDIX C. COMPLAINT FLOW CHART

APPENDIX D. LEF/LRF MONITORING REPORT

APPENDIX E. MOU MONITORING REPORT



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 HKP <small>hong kong power plant natural gas</small>	COMPLAINTS MANAGEMENT PROCEDURE		Hin Kong Power Plant Natural Gas Transmission Pipeline Project	
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	 Worley Energy Process Infrastructure	 HKP Sustainable Infrastructure Development Inc.	
CONTRACTOR		CONSULTANT / OWNER	CONTRACTOR



Hin Kong Power Plant Natural Gas Transmission Pipeline Project
LEF/LRF MONITORING REPORT[illegible]

APPENDIX D: LEF/LRF MONITORING REPORT



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 <small>HONG KONG POWER PIPELINE REGULATORY LTD.</small>	COMPLAINTS MANAGEMENT PROCEDURE	Hin Kong Power Plant Natural Gas Transmission Pipeline Project	
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	Worley <small>Energy Chemicals Infrastructure</small>	HKP <small>INCORPORATED COMPANY OF HONGKONG LTD.</small>	
CONTRACTOR	CONSULTANT / OWNER		CONTRACTOR

Hin Kong Power Plant Natural Gas Transmission Pipeline Project

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APPENDIX E: MOU MONITORING REPORT





บริษัท หินกองเพาเวอร์ จำกัด

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และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะก่อสร้าง)

โครงการก่อสร้างก๊าซธรรมชาติจากท่อส่งก๊าซธรรมชาติ RRPP ไปยังโรงไฟฟ้าหินกอง

ฉบับที่ 4 ระหว่างเดือนกรกฎาคมถึงเดือนตุลาคม พ.ศ. 2566 (ปิดงานระยะก่อสร้าง)

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ตัวอย่างเอกสารขั้นตอนการควบคุมโรคติดต่อ
และโรคร้ายแรง (COVID-19) ภายในโครงการ



บริษัท เอ็นทิก จำกัด



HIN KONG POWER COMPANY LTD.




PTT PUBLIC COMPANY LIMITED




HIN KONG POWER COMPANY LIMITED

Hln Kong Power Plant Natural Gas Transmission Pipeline Project

DOCUMENT TITLE:	COVID CONTROL MEASURES PLAN AND PROCEDURE		
DOCUMENT NO.:	PR-X-1906.03-010-007	REVISION	0

DOCUMENT REVIEW	
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<input type="checkbox"/> G: Review and Re-evaluate: Work may proceed subject to incorporation of changes indicated.	
<input type="checkbox"/> H: Review and Re-evaluate: Work may proceed.	
<input type="checkbox"/> I: Review and Re-evaluate: Work may proceed.	
By: [Redacted]	Date: _____
FTI Public Company Limited	

				Feng Chenggong	
0	9-Feb-2022		Issued for Construction	Feng Chenggong	
B	11-Jan-2022		Issued for Approval	Feng Chenggong	
A	30-Nov-2021		Issued for Review	Feng Chenggong	
Rev.	Date	Description	Prepared By	Checked By	Approved By
CONTRACTOR:					
  SINO-THAI ENGINEERING & CONSTRUCTION PUBLIC COMPANY LIMITED/ CHINA PETROLEUM PIPELINE BUREAU (THAILAND) COMPANY LIMITED					
CONSULTANT:					
 WORLEY (THAILAND) LIMITED					

 	<p align="center">Comment Response Sheet (CRS)</p> <p align="center">HIN KONG POWER PLANT NATURAL GAS TRANSMISSION PIPELINE PROJECT</p>	
Project ID 1906.03	Owner Hing Kee Power Company Limited	Prepared by [REDACTED]
Project No. 1906.03-016.007	Date 8 Feb 2022	Sheet 2
Document Title [REDACTED]	Drawn by [REDACTED]	Check by [REDACTED]
Document No. [REDACTED]	Drawn Date [REDACTED]	Check Date [REDACTED]
Document Title [REDACTED]	Drawn Date [REDACTED]	Check Date [REDACTED]

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1	GENERAL
1.1	Introduction
	Hinkong Power Plant (Total Capacity of 1400 MW), located in Hinkong sub-district, Muang District, Ratchaburi Province requires the natural gas supply from RRPP PTT Gas Pipeline network. Tie-in point by Hot tap at NPS 30" RRPP PTT Transmission Pipeline and go inside the HKP1 Block Valve Station (HKP1) located approximate 5m from tie-in location then laid across Hinkong power private land and go along sub- RID, main RID and the HKP2 Block Valve Station (HKP2) far from the HKP1 approximately 14 km and one public local road (Responsible by Thetsaban Ko phiaphia), and then arriving at Hinkong Power Independence Power Plant (Hinkong Metering and Regulating Station) inside Hinkong Power Plant, NPS 24" pipeline, approx. 33.0 km long, to feed gas from RRPP PTT Transmission Pipeline to Hinkong Power Independence Power Plant (Metering and Regulating Station).

1.2	Purpose
	This document covers the Covid Control Measures Plan and Procedure for the Hin Kong Power Plant Natural Gas Transmission Pipeline Project which includes prevention, detection, response measures and best practices for construction sites to maintain the health and safety of all workers required to perform duties during the COVID-19 crisis, will minimize the impacts of the crisis and ensure business continuity in the construction phase.

1.3	Definition
	For the purposes of this document, the following definitions shall apply:
	The "OWNER" is Hin Kong Power Company Limited
	The "Project" is Hin Kong Power Plant Natural Gas Transmission Pipeline Project
	The "Consultant" is Worley (Thailand) Limited
	The "Contractor" is Sino-Thai Engineering & Construction Public Company Limited / China Petroleum Pipeline Bureau (Thailand) Company Limited
	The "Supplier" is the Vendor Manufacturer or Seller of the equipment defined in the Specification
	The "Purchaser" is the Contractor or their appointed agent or representative
	Throughout this document the following terminology is used:
	"must" A legal or statutory requirement
	"shall" A requirement made mandatory by this specification

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- 'should' A preferred requirement in this specification
- 'may' A feature, which is discretionary in the context in which it is applied
- 'will' A feature which the Contractor / Supplier may assume to be already present

1.4 Abbreviations

The below abbreviation descriptions are described and defined in minimum for used within this project otherwise specified.

Abbreviations	Descriptions
RID	Royal Irrigation Department
ERP	Emergency Response Plan
JSEA	Job Safety and Environmental Analysis
PTW	Permit to Work
SHE	Safety, Health and Environment


2 REFERENCE CODES, STANDARD & SPECIFICATION

- <https://www.cdc.gov/coronavirus/2019-ncov/hcp/hon-us-settings/overview/index.html>
- <https://www.osha.gov/coronavirus/control-prevention>
- Announcement of the Ministry of Labour, Measures to control the work of foreigners in the epidemic of the Coronavirus-2019 Disease situation B.E.2564 (2021)
- <https://cdc.moph.go.th/viralpneumonia/eng/nd/travelcorona.php>
- Emergency response procedure PR-X-1906.03-010-001
- Disease Prevention Measures to Prevent the Spread of the COVID-19 Disease for Travelers Entering into the Kingdom Annexed to the Order of the Centre for the Administration of the Situation due to the Outbreak of the Communicable Disease Coronavirus 2019 (COVID-19) No. 8/2563

2.1 Introduction

Transmission, COVID-19 is primarily transmitted from person-to-person through respiratory droplets. These droplets are released when someone with COVID-19 sneezes, coughs, or talks. Infectious droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the



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lungs. A physical distance of at least 1 meter (3 ft) between persons is recommended by the World Health Organization (WHO) to avoid infection. Respiratory droplets can land on hands, objects, or surfaces around the person when they cough or talk, and people can then become infected with COVID-19 from touching hands, objects or surfaces with droplets and then touching their eyes, nose, or mouth. Recent data suggest that there can be transmission of COVID-19 through droplets of those with mild symptoms or those who do not feel ill. However, this cannot easily be distinguished from 'droplet' transmission based on epidemiologic patterns.

Symptoms; A wide range of symptoms for COVID-19 have been reported. These include:


- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Headache
- Nasal congestion or runny nose
- Muscle or body aches
- Sore throat
- New loss of smell or taste
- Nausea or vomiting
- Diarrhea

The estimated incubation period is between 2 and 14 days with a median of 5 days. It is important to note that some people become infected and do not develop any symptoms or feel unwell.

2.2 Purpose

Due to the serious situation of COVID-19 all over the world, in order to Ensure employee health and minor affect to site construction, The specific prevention and control plan is prepared to response to the spread of novel coronavirus infection, which covering the preventive and control measures and tips during the commuting, before entering the site office building, site office, site working area during work and travelling, and after returning home. This prevention and control plan is applicable to all persons in HKPPL Project including all employees (including group secondary staff, third-party staff), resident client staff, and visitors.



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3 RESPONSIBILITY

3.1 Project Manager


The Project Manager shall have, as a minimum, the following responsibilities:

- Comply fully with the International Standards, Thai National and local Laws, ordinances, rules, regulations, codes, standards, orders, notices and requirements, HKPPL Specifications, and CPP Specifications and Procedures;
- Be responsible and accountable for the development, implementation and performance of the overall SHE program;
- Assure that measures are in place to control security and safety at project work sites;
- Provide commitment by ensuring adequate resources, trains that will result in a safe and healthy working environment to be complied with Thai Laws and OWNER's requirements;
- Resolving, tracing and escalating critical issues to provide effective control measure in order to eliminate or reduce the consequence of risks;
- Reporting on project SHE management and communicated relevant information to interested parties;
- Conduct other tasks associated with the project.

3.2 Construction Manager

The Construction Manager reports to the Project Manager, and has overall responsibility for SHE implementation and results at site, including:

- Comply fully with the International Standards, Thai National and local Laws, ordinances, rules, regulations, codes, standards, orders, notices and requirements, HKPPL Specifications, and CPP Specifications and Procedures;
- Ensuring that all site personnel, visitors, and subcontractors conform to SHE requirements;
- Communicate concerns and suggestions regarding the implementation of the SHE Management Plan to the Project Manager/Project SHE Manager;
- Ensuring effective communication with OWNER regarding SHE program and issues;
- Ensuring effective safety, health and environmental coordination and cooperation between OWNER and sub-contractors;
- Conduct emergency action by ensuring adequate resources, trains that will result in a safe and healthy working environment;

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3.3 SHE Manager

The SHE Manager shall have, as a minimum, the following responsibilities:

- Comply fully with the International Standards, Thai National and local Laws, ordinances, rules, regulations, codes, standards, orders, notices and requirements, HKPPL Specifications, and CPP Specifications and Procedures;
- Coordinate to issue for discussion and acceptance by OWNER for :
 - Implementing the corrective action to construction team;
 - To guide the investigation with Site Safety Officer/Supervisor;
 - To ensure that reports are accurate and provided to OWNER;
- Reviewing the report, and to implement reasonable recommendations as soon as possible;
- To communicate this procedure to all relevant personnel/parties to ensure effective implementation.
- To record all COVID-19 infection occurrences and report to the construction manager.

3.4 Safety officer


The Safety Officer will be responsible to:

- To inform the COVID-19 infection to Construction Manager/SHE Manager immediately;
- To cooperate with Site Safety Officer to control of a situation immediately;
- To advise and implement the corrective action;
- Coordinate all incident investigations as necessary to ensure the basic cause is clearly defined and corrective & preventive actions implemented;
- Attend safety induction and toolbox meeting on a regular basis and ensure that they are being conducted in a professional and capable manner;
- Assist in controlling areas where critical tasks are being undertaken (e.g., pressure tests, heavy lifts).

3.5 Safety Supervisor

The Safety Supervisor will be responsible to:

- To inform the COVID-19 infection to Construction Manager/SHE Manager immediately;
- To lead Site Safety Officer to control of a situation immediately;
- To advise and implement the corrective action;

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- Coordinate all incident investigations as necessary to ensure the basic cause is clearly defined and corrective & preventive actions implemented;
- Attend safety induction and toolbox meeting on a regular basis and ensure that they are being conducted in a professional and capable manner;
- Assist in controlling areas where critical tasks are being undertaken (e.g., pressure tests, heavy lifts);

3.6 Subcontractor

The Subcontractor will be responsible to:

- To report to their SHE manager once any COVID-19 infection happened;
- To ensure the reporting is complied with and investigations are thoroughly completed in an unbiased manner;
- To participate in the incident investigations under the guidance of the SHE Manager.
- Support commitment by ensuring adequate resources, trains that will result in a safe and healthy working environment;
- Provide sufficient resources in the form of an approved SHE Management Plan or procedures that clearly outlines how the subcontractor intends to meet the SHE requirements of the project;
- Provide and insist on the use by their employees of all necessary protective equipment required on site;

4 PREVENTION MEASURES BEFORE WORKING INSIDE HKPPL PROJECT


4.1 Thai Nationals

4.1.1 A people traveling from abroad into Thailand

Measures before Entering into the Kingdom

- Avoid risk-prone areas or crowded places for no less than 14 days;
- Medical certificate attesting that the traveler is fit to travel (Fit to Fly Health Certificate/Fit to Travel Health Certificate);
- May provide a medical certificate attesting that the traveler is free from COVID-19 (Medical Certificate with a laboratory result indicating that COVID-19 is not detected), by RT-PCR



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technique, issued no more than 72 hours before travelling, on a voluntary basis, for the safety of themselves and fellow travelers;

- Undergo exit screening for respiratory symptoms and temperature measurement of travelers for fever at Points of Entry at the country of origin before embarkation (Exit screening).

Measures upon Arrival/during Stay in the Kingdom

- Undergo entry screening for respiratory symptoms and temperature measurement for fever at Points of Entry before entering into the Kingdom (Entry screening);
- Submit documents to competent officials or communicable disease control officers at Points of Entry;
- Use the tracking system or install the application as prescribed by the government for the surveillance and monitoring of symptoms during quarantine;
- Undergo quarantine and comply with the order of communicable disease control officers at the place specified by communicable disease control officers for a period of no less than 14 days. The place of quarantine shall be in accordance with the criteria and guidelines prescribed by the government;
- Undergo COVID-19 diagnostic test by RT-PCR technique twice. The first test shall be taken between days 3 to 5 and the second test shall be taken between days 11 to 13 of the period of quarantine;
- Travel directly from state quarantine (Non-stop) to Ratchaburi;
- Follow the requirement from Thai Ministry of Health and Control Measures of Ratchaburi province announcement.

4.1.2 A people who are arriving from another province (outside Ratchaburi province)


1) Mandatory 14 days quarantine at a specific hotel or place, which the Ratchaburi Provincial Health Office authorizes.

2) Do not leave a quarantine place unless

- It is a necessary case, please ask for permission by writing from the supervisor or HKPPL;
- It is an emergency case (e.g., a medical emergency, an essential medical service, or treatment), please notify the supervisor or HKPPL through various communication channels. After the incident, within 1 day, report your activities timeline.

3) Limit contact with others



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- Stay in the assigned room.
- Do not go to a work office, public areas or use public transportation.
- Avoid crowded places and large gatherings.
- Cancel group activities or meetings and use virtual options such as teleconferencing instead.
- 4) Maintain physical distancing of at least 2 meters all the time.
- 5) Do not share personal items with others.
- 6) Wear a mask at all times when leaving the assigned room.
- 7) Eat cooked food and do not share meals with others.
- 8) Follow Thai ministry of public health protocol.
- 9) Self-monitor for symptoms of COVID-19 and report daily through HKPPL provided form until the completion of your quarantine period.
- 10) Activate and enable GPS tracking timeline in Google map application
- 11) Cooperate and follow the advice of supervisors and HKPPL
- 12) If you develop COVID-19 symptoms during your stay, please remain in your room and immediately call your supervisor or HKPPL.
- 13) Test for COVID-19 by RT-PCR method and sent the test results to HKPPL before execution work in the project area.
- 14) Anyone arriving from another province (outside Ratchaburi province) shall follow Ratchaburi Provincial Health Office protocol and the requirement from Thai Ministry of Health and Control Measures of Ratchaburi province announcement.

4.2 Non-Thai nationals (Foreigner)

- 4.2.1 A people travelling from abroad into Thailand, Non-Thai nationals who have a work permit or have been granted permission to work in the Kingdom in accordance with Thai laws.

Measures before Entering into the Kingdom


- Avoid risk-prone areas or crowded places for no less than 14 days;
- Medical certificate attesting that the traveler is fit to travel (Fit to Fly Health Certificate/FIT to Travel Health Certificate);

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- Medical certificate attesting that the traveler is free from COVID-19 (Medical Certificate with a laboratory result indicating that COVID-19 is not detected), by RT-PCR technique, issued no more than 72 hours before travelling.
- Insurance policy covering healthcare and treatment expenses, including for COVID-19 disease, or any other guarantee throughout their stay in the Kingdom, with a coverage of no less than 100,000 USD;
- Proof or any evidence showing that the place of quarantine is in accordance with the criteria and guidelines prescribed by the government;
- Undergo exit screening for respiratory symptoms and temperature measurement of travelers for fever at Points of Entry at the country of origin before embarkation (Exit screening).

Measures upon Arrival during Stay in the Kingdom

- Undergo entry screening for respiratory symptoms and temperature measurement for fever at Points of Entry before entering into the Kingdom (Entry screening);
- Submit documents to competent officials or communicable disease control officers at Points of Entry;
- Use the tracking system or install the application prescribed by the government for the surveillance and monitoring of symptoms during quarantine.
- Undergo quarantine and comply with the order of communicable disease control officers at the place specified by communicable disease control officers for a period of no less than 14 days. The place of quarantine shall be in accordance with the criteria and guidelines prescribed by the government;
- Undergo COVID-19 diagnostic test by RT-PCR technique twice. The first test shall be taken between days 3 to 5 and the second test shall be taken between days 11 to 13 of the period of quarantine.
- Travel directly from state quarantine (Non-stop) to Ratchaburi.
- Apply for the "work permit visa."
- Apply for the "foreign worker migration permit."
- Follow the announcement of the Ministry of Labour, Measures to control the work of foreigners in the epidemic of the Coronavirus-2019 Disease situation B.E.2564 (2021)

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- Follow the requirement from Thai Ministry of Health and Control Measures of Ratchaburi province announcement.

4.2.2 A people traveling from abroad into Thailand, Foreign workers who have been granted exemption from the government to temporarily stay in the Kingdom and permitted to work through their employers or licensees who are permitted to bring in foreign workers to work in the Kingdom


Measures before Entering into the Kingdom

- Avoid risk-prone areas or crowded places for no less than 14 days;
- Documentary proof or evidence approved by the Ministry of Labour showing that the traveler has an employer or licensee who is permitted to bring in foreign workers to work in the Kingdom who has hired the traveler to work in the Kingdom;
- Documentary proof or evidence showing that the employer or licensee who is permitted to bring in foreign workers to work in the Kingdom shall be responsible for all healthcare or treatment expenses, as well as any other expenses, including for COVID-19, throughout their stay in the Kingdom;
- Documentary proof or evidence showing that the employer or licensee who is permitted to bring in foreign workers to work in the Kingdom has a vehicle to transport the traveler from the Point of Entry to the place of quarantine with an exact scheduled time;
- Proof or any evidence showing that the place of quarantine is in accordance with the criteria and guidelines prescribed by the government;
- Undergo exit screening for respiratory symptoms and temperature measurement of travelers for fever at Points of Entry at the country of origin before embarkation (Exit screening).

Measures upon Arrival during Stay in the Kingdom

- Undergo entry screening for respiratory symptoms and temperature measurement for fever at Points of Entry before entering into the Kingdom (Entry screening);
- Submit documents to competent officials or communicable disease control officers at Points of Entry;
- Travel from the Point of Entry to the place of quarantine shall only be by the employer's vehicle whereby it is prohibited to make a rest stop at any other place before arriving at the place of quarantine, and shall be in accordance with the plan and route approved by the Ministry of Labour. Such vehicles shall also be able to record videos throughout the duration of the journey.



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- Use the tracking system or install the application prescribed by the government for the surveillance and monitoring of symptoms during quarantine;
- Undergo quarantine and comply with the order of communicable disease control officers at the place specified by communicable disease control officers for a period of no less than 14 days. The place of quarantine shall be in accordance with the criteria and guidelines prescribed by the Centre for COVID-19 Situation Administration (CCSA);
- Undergo COVID-19 diagnostic test by RT-PCR technique twice. The first test shall be taken on the day of arrival in the Kingdom but no later than day 5 and the second test shall be taken between days 11 to 13 of the period of quarantine
- Travel directly from state quarantine (Non-stop) to Ratchaburi;
- Apply for the "work permit visa"
- Apply for the "foreign worker migration permit;"
- Follow the announcement of the Ministry of Labour, Measures to control the work of foreigners in the epidemic of the Coronavirus-2019 Disease situation B.E.2564 (2021)
- Follow the requirement from Thai Ministry of Health and Control Measures of Ratchaburi province announcement.

4.2.3 A people who are arriving from another province (outside Ratchaburi province)

- Mandatory 14 days quarantine at a specific hotel or place, which the Ratchaburi Provincial Health Office authorizes.
- Do not leave a quarantine place unless
 - It is a necessary case, please ask for permission by writing from the supervisor or HKPPL.
 - It is an emergency case (e.g., a medical emergency, an essential medical service, or treatment), please notify the supervisor or HKPPL through various communication channels. After the incident, within 1 day, report your activities timeline.
- Limit contact with others
 - Stay in the assigned room.
 - Do not go to a work office, public areas or use public transportation.
 - Avoid crowded places and large gatherings.
 - Cancel group activities or meetings and use virtual options such as teleconferencing instead.



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- 4) Maintain physical distancing of at least 2 meters all the time.
- 5) Do not share personal items with others.
- 6) Wear a mask at all times when leaving the assigned room.
- 7) Eat cooked food and do not share meals with others.
- 8) Follow Thai ministry of public health protocol.
- 9) Self-monitor for symptoms of COVID-19 and report daily through HKPPL provided form until the completion of your quarantine period.
- 10) Activate and enable GPS tracking timeline in Google map application
- 13) Cooperate and follow the advice of supervisors and HKPPL.
- 14) If you develop COVID-19 symptoms during your stay, please remain in your room and immediately call your supervisor or HKPPL.
- 15) Test for COVID-19 by RT-PCR method and sent the test results to HKPPL before execution work in the project area.
- 16) Travel directly from state quarantine (Non-stop) to private room in Ratchaburi.
- 17) Apply for the "work permit visa."
- 18) Apply for the "foreign worker migration permit."
- 19) Anyone arriving from another province (outside Ratchaburi province) shall follow Ratchaburi Provincial Health Office protocol and the requirement from Thai Ministry of Health and Control Measures of Ratchaburi province announcement.


5 PREVENTION MEASURES DURING CONSTRUCTION WORK INSIDE HKPPL PROJECT

5.1 Anyone who are staying in another province.

Anyone who are staying in another province (outside Ratchaburi province) and go to work in HKPPL construction site daily basis.

- 1) Travel use private transportation directly from a private room or place to HKPPL construction site.
- 2) Limit contact with others
 - Stay in a private room or place.
 - Do not go to public areas, or use public transportation
 - Avoid crowded places and large gatherings.



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- Cancel group activities or meetings and use virtual options such as teleconferencing instead.
- 3) Maintain physical distancing of at least 2 meters all the time.
- 4) Do not share personal items with others.
- 5) Wear a mask at all times when leaving the assigned room.
- 6) Eat cooked food and do not share meals with others.
- 7) Follow Thai ministry of public health protocol, and the requirement from Thai Ministry of Health and Control Measures of Ratchaburi province announcement.
- 8) Self-monitor for symptoms of COVID -19 and report daily through HKPPL provided form until the completion of your quarantine period.
- 9) If you develop COVID-19 symptoms during your stay, please remain in your room and immediately call your supervisor or HKPPL.
- 10) Activate and enable GPS tracking timeline in Google map application.
- 11) Cooperate and follow the advice of supervisors and HKPPL.
- 12) Undergo entry screening for respiratory symptoms and temperature measurement for fever at Points of Rest area before entering into the HKPPL construction site (Entry screening).
- 13) ATK test shall be execute before joining the Project, random test by ATK method not less than 10% of all employees every weeks and submit test report to OWNER / Consultant for approval.

5.2 Anyone who lives in Ratchaburi

Anyone who are staying in Ratchaburi province and go to work in HKPPL construction site daily basis.


- 1) Limit contact with others
 - Stay in a private room or place.
 - Do not go to public areas, or use public transportation
 - Avoid crowded places and large gatherings.
 - Cancel group activities or meetings and use virtual options such as teleconferencing instead.
- 3) Maintain physical distancing of at least 2 meters all the time.
- 4) Do not share personal items with others.
- 5) Wear a mask at all times when leaving the assigned room.



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- 6) Eat cooked food and do not share meals with others.
 - 7) Follow Thai ministry of public health protocol.
 - 8) Self-monitor for symptoms of COVID -19 and report daily through HKPPL provided form until the completion of your quarantine period.
 - 9) If you develop COVID-19 symptoms during your stay, please remain in your room and immediately call your supervisor or HKPPL.
 - 10) Activate and enable GPS tracking timeline in Google map application.
 - 11) Cooperate and follow the advice of supervisors and HKPPL.
 - 12) Travel directly from the accommodation to the GSP construction site. Avoid traveling to other areas.
 - All passengers should wash or sanitize their hands immediately before entering the vehicle and on leaving the vehicle, wear a mask and keep physical distancing all time.
 - Consider installing physical barriers that can minimize the spread of droplets.
 - 13) Undergo entry screening for respiratory symptoms and temperature measurement for fever at Points of Rest area before entering into the HKPPL construction site (Entry screening).
 - 14) ATK test shall be executed before joining the Project, random test by ATK method not less than 10% of all employees every weeks and submit test report to OWNER / Consultant for approval.
- 5.3 Manage physical distancing with local communities.**
- 5.3.1 Workers and staff do not need to remain in their accommodation on days when not working.
- 5.3.2 Avoid unnecessary visits to public establishments. It is recommended that traveling to a grocery store or other necessary public establishments be limited to one person per group who will also buy food and essentials for others.
- 5.3.3 It is recommended that signage and reminders are posted for workers and staff to wash hands regularly, practice coughing etiquette, maintain physical distancing in the community, and avoid congregating in social settings or community settings.
- *The above measures are subject to change according to the measures announced by the Thai Ministry of public health.**



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5 TRAINING OF MEASURES AGAINST COVID-19

CONTRACTOR shall provide training that includes safety measures, procedures, physical distancing, proper hygiene practices, and monitoring and reporting illness. It is recommended that training and education be available in Thai, English, and the language best suited for the workers and/or staff. Training can be offered by video or in-person and may include additional written materials. If training is done in person, ensure that people gather in small groups and that physical distancing of 2 meters between members can be maintained.

7 DISINFECTION MANAGEMENT

All common areas and surfaces shall be cleaned at the start and end of each day and after any potential contamination that may occur throughout the day. Examples of common areas and surfaces include washrooms, canteen, shared offices, shared tables, desks, light switches, handrails, tent flaps in common areas, and door handles. Regular household cleaners are effective against COVID-19, following the instructions on the label.

Office supplies and tools used by individual should be disinfected by the employees themselves when necessary

Alcohol spray by specialist will be implemented once we have suspected case in the office or when necessary


8 TRANSPORTATION MANAGEMENT

Contractor shall manage the transportation of workers and staff. In situations where workers must travel together in vehicles to the worksite, workers will travel in a designated vehicle for their work pod. This can be carefully expanded to include more members, but it is recommended that the size of this work pod not exceed the total number of seats in the crew vehicle.

Proper precautions should be exercised when traveling to and from accommodation and work sites, including wearing masks, frequent handwashing and avoiding touching on own face, maintaining physical distancing, cleaning, and disinfecting high touch points like door handles or headsets, and minimizing contact with crowds and public places.

Ensure safety protocols are in place in caseworkers who typically travel alone have a reporting process so that Coordinators know whether they have made it to and from the site safely.



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9 WORKERS MANAGEMENT

9.1 During work

9.1.1 Contractor shall create work Pods or Crews. There will be situations daily where physical distancing between workers is not practical for extended periods (e.g., travel to the site). 'Work pods' can be thought of as being like a family unit. This work pod will help limit close contact to a specific small group, which may be carefully expanded to include more members or re-organized periodically with members from different pods not experiencing any symptoms. In addition, designating workers to the same small working group or work pod for as long as practical can help reduce the risk of COVID-19 spreading to workers and others in operation.

9.1.2 Where possible, workers should be assigned to individual workstations or an area of the field that provides 2 meters of separation from other individuals.

9.1.3 Where 2 meters separation is not possible, workers should wear masks, and a physical barrier may be constructed.

9.1.4 Workers should always ensure that hands are washed with plain soap and water or a hand sanitizer with a minimum 70% alcohol before and after work activity.

9.1.5 In situations where workers are required to work together in close proximity to complete tasks, the Contractor shall utilize work pods as described previously. These work pods will also include camp and canteen as well as field worker/transport. It is recommended that the number of staff in each work pod be kept to a minimum. It is recommended that these pods stay together for as long as possible during the project.

9.1.6 The Contractor must keep a record of which individuals are working in work pods and should be maintained in the same quarter when workers are communally housed in rental accommodations.

9.1.7. It is recommended that workers are NOT reassigned between work pods. However, when there is an urgent and unavoidable need to reassign workers to another work pod, the Coordinator shall review the risks to determine the impact on the risk of transmission of COVID-19 before making the decision.

9.1.8 A current list of all designated work pods and their members shall be maintained in the workplace, along with a record of any reassignment of members among those work pods.

9.2 During work break

Contractor shall manage workers and staff during breaks or while in communal spaces or rest areas.

Consider maintaining physical distancing, decrease crowding, and reduce social interactions, including maintaining small and consistent groupings of people like work pods.



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9.2.1 Stagger start/stop times and breaks where possible to minimize workers congregating.

9.2.2 Contractor shall reduce in-person meetings, other gatherings and hold site meetings in open spaces or outside.

9.2.3 Structure worker gatherings of any size so that those present can maintain a physical distance of 2 meters from each other.

9.2.4 Encourage workers and staff to wash hands before and after breaks, after going to the washroom, and before preparing or eating food.

9.2.5 If workers or staff are sick, they should be in self-isolation and not preparing or handling food for others.

9.2.6 Encourage workers not to share food or unwashed plates, cups, or utensils. Disposable dishware is NOT required for COVID-19.

In case maintaining the physical distance of 2 meters is challenging to do in some situation, follow guidance shall be applied by Contractor. An impervious barrier ('Physical barrier') shall be installed between workstations (people). The barrier must be something that prevents one person's cough or sneeze from contacting another person. The barrier must be made of a non-porous material that can be effectively disinfected. Regular household cleaning products with a Drug Identification Number can be used to clean the physical barrier as they are effective against COVID-19. Follow the instructions on the product label.

9.3 Camp and Accommodation Preparations and Hygiene

9.3.1 Contractor shall provide jell alcohol not less than 70% or soap at designate area and Workers should always ensure that hands are washed with plain soap and water or a hand sanitizer with a minimum 70% alcohol.

9.3.2 Contractor shall provide surgical mask at designate area and make sure a workers always wearing mask.

- Contractor shall provide daily body temperature screening test for COVID-19 at designate area and temperature test result should be not over 37.5 °C in case of over 37.5 °C must follow the Thai ministry of public health or Ratchaburi Provincial Health Office Protocol or Ratchaburi province announcement.

9.3.3 Self-monitor for symptoms of COVID-19 and report daily through HKPPL.

9.3.4 Contractors shall provide a bulletin board for announcement in accordance to the COVID-19 situation and protocol.



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9.3.5 None of the residents in shared accommodation can be ill or meet a criterion that requires isolation requirements. Any workers that are ill or require self-isolation must be immediately moved into separate facilities. Otherwise, all workers in residence would have to be placed in self-isolation.

9.3.6 Contractor shall ensure that reusable eating utensils and dishes (cups, plates, bowls, forks, knives, spoons) are provided for all workers.

9.3.7 All eating utensils and dishes shall be cleaned by designated kitchen or cleaning staff, according to the 4-step process, which includes pre-rinsing, washing, soaking in a bleach solution, and air-drying.

9.3.7 Provide individual shower facilities and toilets (squat toilet is not allowed) in numbers meeting or exceeding the numbers stated in Table 1 as a minimum.

Table 1: Minimum requirement for camp toilet, shower, and washbasins

No. of persons for whom accommodation is available	Minimum no. of toilets	Minimum no. of showers	Minimum no. of washbasins
1-6	1	1	1


- These facilities can be rented as 'mobile units', trailers containing shower and washroom facilities, or mobile toilets, and are not required to be permanent facilities.
- One person per tent or accommodation is recommended. If this is not possible, arrange shared accommodations, so beds are at least 2 meters apart and arranged head-to-toe.
- If beds cannot be at least 2 meters apart, use temporary barriers between beds, such as curtains, to prevent droplet spread while sleeping.
- Ill workers or those that meet the criteria for isolation must be in single accommodation. There is no shared accommodation allowed for these workers.
- Provide additional shower and toilet facilities to ensure the availability of dedicated facilities for workers in isolation without reducing the minimal number of facilities available to other workers.

9.4 Social distance (personnel and local community)

Contractor shall manage physical distancing with local communities.

- 9.4.1 Workers and staff do not need to remain in their accommodation on days when not working.
- 9.4.2 Avoid unnecessary visits to public establishments. It is recommended that traveling to a grocery store or other necessary public establishments be limited to one person per group who will also buy food and essentials for others.



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9.4.3 It is recommended that signage and reminders are posted for workers and staff to wash hands regularly, practice coughing etiquette, maintain physical distancing in the community, and avoid congregating in social settings or community settings.

9.5 Self-isolation

Contractor shall be responsible for providing safe isolation, monitoring, and care for the workers or staff that become ill, as well as protecting the staff on site from the transmission.

Workers or staff who have symptoms compatible with COVID-19 are required to remove themselves from the work environment and immediately report symptoms to the coordinator while ensuring physical distancing of 2 meters (e.g., reporting by phone).

9.5.1 If workers or staff need to be isolated, the Contractor must provide a separate room or tent and washroom facilities wherever possible, and they should follow self-isolation protocol.

9.5.2 If a worker or staff displays symptoms of COVID-19, they are required to begin self-isolation immediately.

9.5.3 Self-isolation should continue for a period determined by the self-assessment tool or in consultation with their medical provider.

9.5.4 In all cases, isolation must continue until the testing result for COVID-19 by RT-PCR method is Negative (Undetected) and/or ensure their symptoms have completely resolved.

- If the tests result positive (Detected) for COVID-19, they must follow the Thai ministry of public health or Ratchaburi Provincial Health Office Protocol.
- Contractor shall support workers or staff with symptoms to self-isolate in the camp or accommodation.

- Meetings (How to control when have a meeting)
- Site access and egress points (How to control and measure)
- Cleaning site office, rooms, building, sanitary and toilet.
- Protocol auditing.

10 TOOLS AND EQUIPMENT

Handling Tools and Equipment as following:

- ATK test kit
- Alcohol 75% concentration
- Spray bottle



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- Scope
- Surgical mask
- Body temperature meter

10.1 Where possible, each worker should utilize only their own tools throughout the duration of their employment to minimize the contact spread of COVID-19.

10.2 Where it is not possible to provide personal tools, it is recommended that the shared tools and equipment be wiped down and cleaned with a disinfecting agent such as disposable wipes or a diluted bleach solution between uses by different workers. Rubber gloves should be worn while handling bleach solutions and ensure the area is well ventilated.

10.3 Provide workers with training on cleaning tools and offer workers assistance to ensure compliance and understanding of handwashing and hygiene.

10.4 It is recommended that workers who use specialized PPE and are appropriately trained in its use (e.g., workers certified and trained to use PPE because of their normal work role) do not share PPE with other workers. Instead, the Contractor shall establish a labeling system to help with the organization of this specialized equipment.

10.5 Workers who wear leather gloves or other impervious gloves as hand protection during work may share tools and equipment without disinfecting the tools between each user and must continue to clean and wash hands to break the chain of infection. In addition, leather gloves may have droplets on them and could transmit the infection to another worker. Assign and label leather gloves to ensure each pair remains with one worker.

10.6 In situations where workers must work together in close proximity to complete tasks, the Contractor will designate workers into work pods.

11 VACCINE INJECTION

The impact of COVID-19 vaccines on the pandemic will depend on several factors. These include the effectiveness of the vaccines, how quickly they are approved, manufactured, and delivered, the possible development of other variants and how many people get vaccinated.

Contractor shall encourage all employees (Workers and Staff) to be vaccinated as soon as possible.

12 DAILY HEALTH MONITOR AND REPORT

12.1 Contractor shall develop a clear plan that outlines how to monitor workers daily for COVID-19 like symptoms, what to do when your workers are ill, who the workers will report symptoms to, how the coordinators will monitor workers daily, and the plan to support self-isolation of ill workers. The plan

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should also include how to notify the local medical health officer if there is an outbreak or suspicion of an outbreak, that is, when two workers present with symptoms in a relatively short period.

12.2 Contractor shall respond to the screening of workers and staff by daily screening for respiratory symptoms and temperature measurement for fever at designated area. And The body temperature shall be normal (not exceeding 37.5°C) before entering into HKPPL construction site.

13 EMERGENCY RESPONSE

13.1 Worker have COVID-19 symptoms.

Workers or staff who have any COVID-19 symptoms such as Fever or chills, Cough, Shortness of breath or difficulty breathing, Fatigue, Headache, Nasal congestion or runny nose, Muscle or body aches, Sore throat, New loss of smell or taste, Nausea or Vomiting, Diarrhea etc. Contractor shall manage as following:

12.1.1 Isolated in specific area immediately and quickly refer to hospital for undergo COVID-19 diagnostic test by RT-PCR technique;

12.1.2 If the tests result positive (Detected) for COVID-19, they must follow the Thai ministry of public health or Ratchaburi Provincial Health Office Protocol.

12.1.3 If the tests result negative (No detected) for COVID-19, Undergo quarantine and comply with the order of communicable disease control officers at the place specified by communicable disease control officers for a period of no less than 14 days. The place of quarantine shall be in accordance with the criteria and guidelines prescribed by the Thai ministry of public health or Ratchaburi Provincial Health Office Protocol, and after completed quarantine 14 days can return back to work in HKPPL construction site.

It will be important that any targeted communicable disease interventions are non-stigmatizing and respect confidentiality. This includes maintaining privacy for those seeking healthcare or who may be part of self-isolation, contact tracing, or outbreak investigation.

13.2 Worker contact with confirm COVID-19 case

13.2.1 Workers or staff who are contacts of a confirmed COVID-19 case, meaning they been or could have been exposed to the virus, but do not have symptoms, need to be monitored for symptoms and immediately self-isolate for 14 days.

13.2.2 Undergo COVID-19 diagnostic test by RT-PCR technique twice by hospital. The first test shall be taken between days 3 to 5 and the second test shall be taken between days 11 to 13 of the period of quarantine.

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13.2.3 If the tests result positive (Detected) for COVID-19, they must follow the Thai ministry of public health or Rachabun Provincial Health Office Protocol.


> Contract No. of office and / or hospital referent to Emergency response procedure

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13.2.4 If the tests result negative (No detected) for COVID-19 and after completed quarantine 14 days can return back to work in HKPPL construction site. ATK test results shall be provided return back to work.

14 APPENDIXE

APPENDIX A: ATK Test Result Form

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APPENDIX A: ATK TEST RESULT FORM

ใบรายงานผล COVID-19

ชื่อ - นามสกุล	อายุ	ปี	วันที่
เชื้อชาติ	สัญชาติ	อาชีพ	แบบที่พกพา
หน่วยงาน บริษัท	ตำแหน่ง		บัตรประชาชน
วันที่ตรวจ	จุดตรวจที่วัดได้	จดจำ	ลงชื่อผู้รายงาน

☐ ไม่มีอาการ และไม่เข้าเกณฑ์ความเสี่ยง

☐มีอาการ ใช้ หรือมีประวัติไข้ตั้งแต่ 37.5 °C

[] 16 [] เจ็บคอ [] ปวดกล้ามเนื้อ [] ปวดศีรษะ [] มีน้ำมูก [] เหนื่อย [] หายใจลำบาก [] คัดจมูก

[] ไม่ได้กิน / ไม่สุก และมีประวัติช่วง 14 วัน ก่อนเริ่มมีอาการ คือ

[] เดินทางไป หรือมาจากพื้นที่ที่มีการระบาดของโรคโควิด-19 เมื่อวันที่.....

[] สัมผัสผู้เป็นอันตราย Covid-19

☐ ทำตามมีประวัติติดเชื้อ Covid-19 มาตั้งแต่เมื่อ [] ไม่เคย [] เคย เมื่อวันที่...../...../.....

Antigen Test Kit (ATK) : [] Positive ผลตรวจเป็นบวก

[] Negative ผลตรวจเป็นลบ

ลงชื่อ.....จากหน่วยงาน

ตำแหน่ง.....

วันที่...../...../.....

รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะก่อสร้าง)
โครงการท่อส่งก๊าซธรรมชาติจากท่อส่งก๊าซธรรมชาติ RRPP ไปยังโรงไฟฟ้าหินกอง
ฉบับที่ 4 ระหว่างเดือนกรกฎาคมถึงเดือนตุลาคม พ.ศ. 2566 (ปิดงานระยะก่อสร้าง)

ภาคผนวก 2-9

ตัวอย่างการออกแบบทางวิศวกรรมของโครงการ



บริษัท หินกองเพาเวอร์ จำกัด

รายงานผลการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะก่อสร้าง)

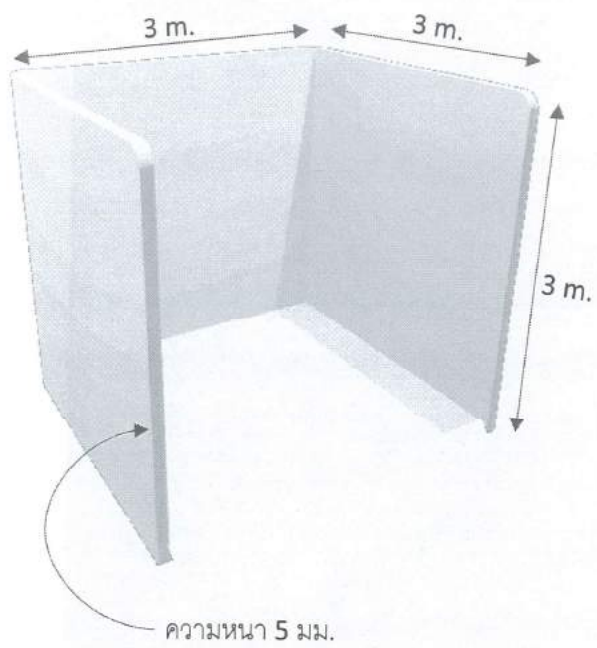
โครงการก่อสร้างก๊าซธรรมชาติจากท่อส่งก๊าซธรรมชาติ RRPP ไปยังโรงไฟฟ้าหินกอง

ฉบับที่ 4 ระหว่างเดือนกรกฎาคมถึงเดือนตุลาคม พ.ศ. 2566 (ปิดงานระยะก่อสร้าง)

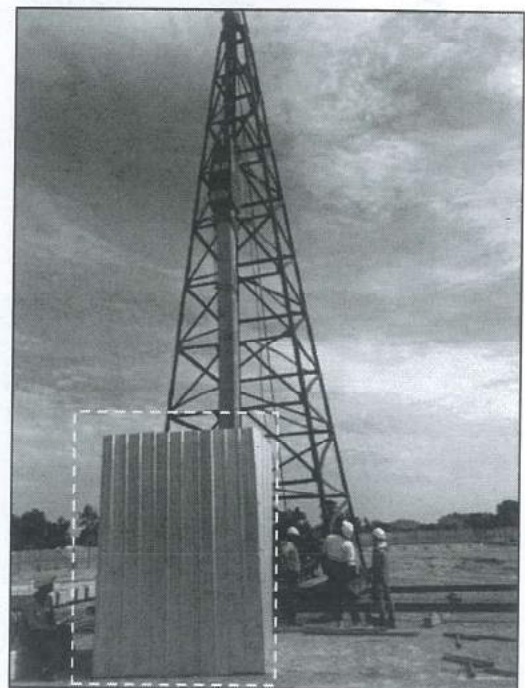
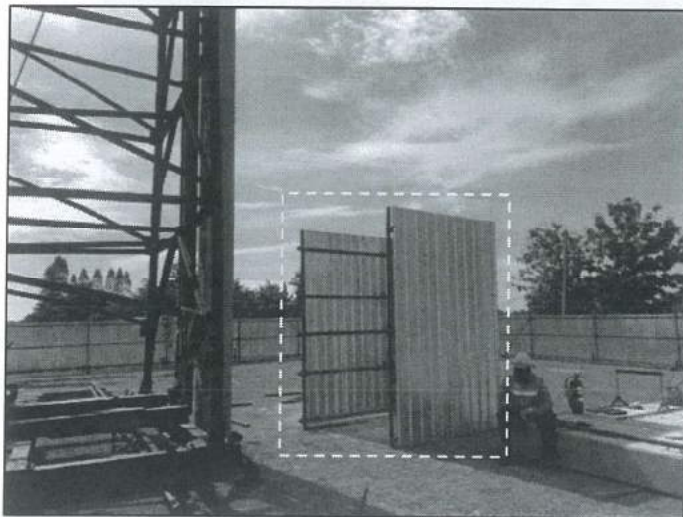
ตัวอย่างการออกแบบกำแพงกันเสียง



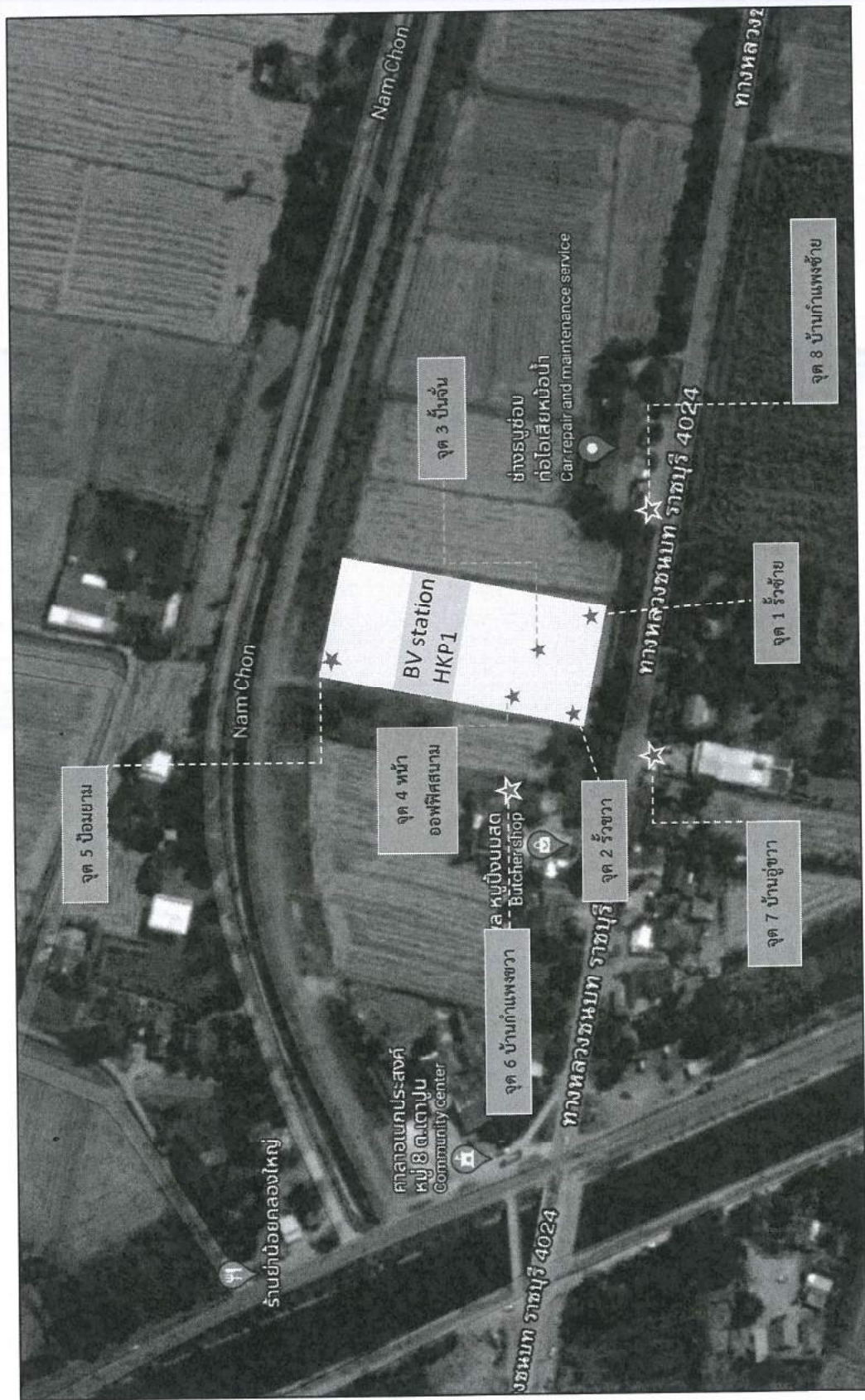
บริษัท เอ็นทิก จำกัด



วัสดุกำบังกันเสียง : แผ่นอลูมิเนียม + บุทึบ
ด้านในด้วย Metal sheet หนา 5 มม.

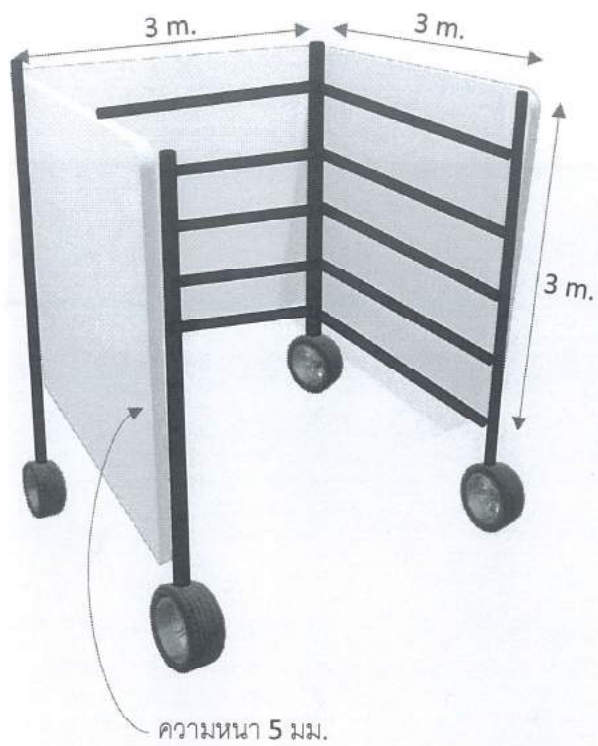


แผนผังจุดตรวจวัดเสียง BV station HKP1



แบบฟอร์มบันทึกการตรวจวัดเสียง

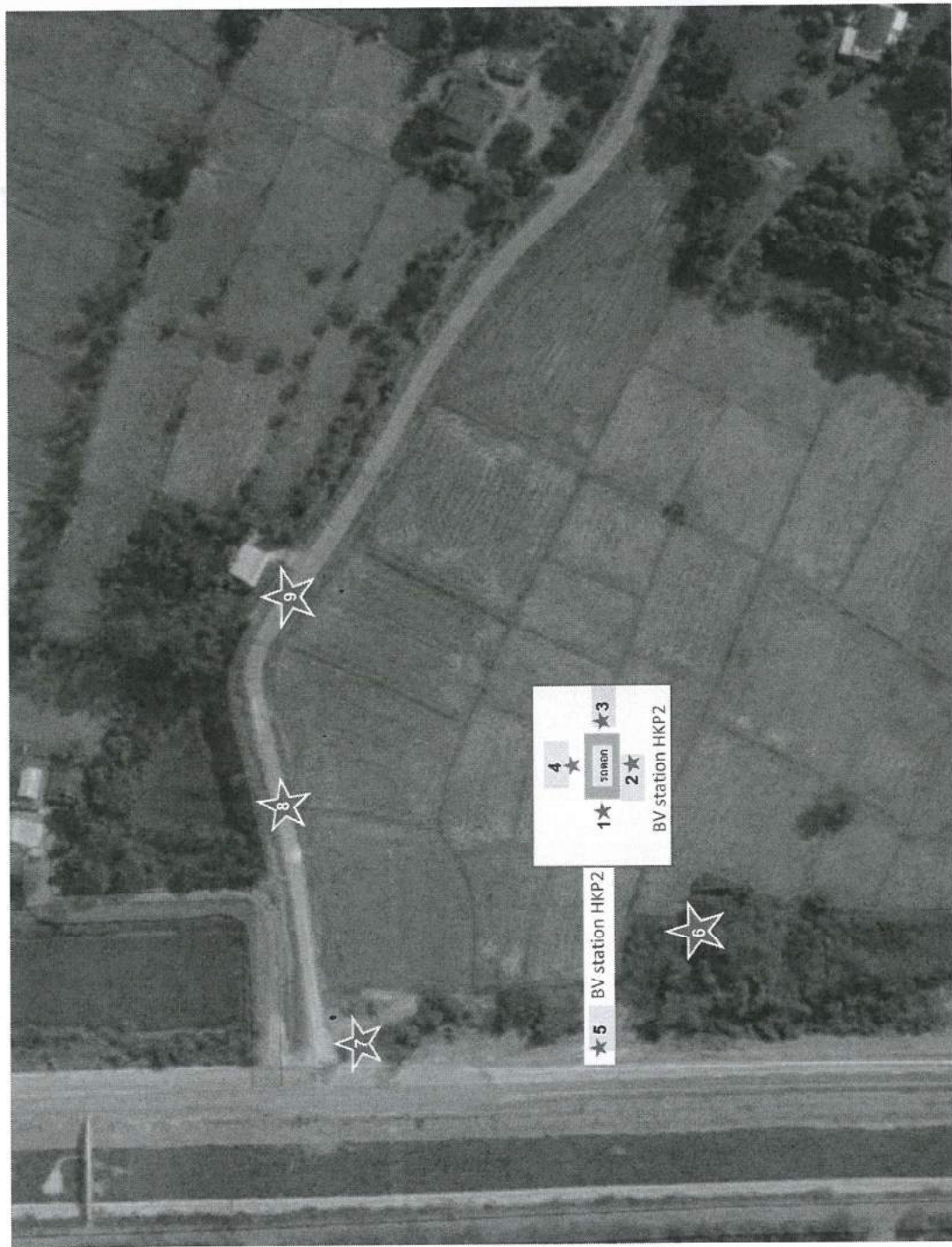
[illegible]



วัสดุกำบังกันเสียง : โครงท่อนเหล็ก + แผ่น
อลูมิเนียม + บุหีบด้านในด้วย Metal sheet
ชนิด PE หนา 5 มม. พร้อมล้อเลื่อนทั้ง 4 มุม



แผนผังจุดตรวจวัดเสียงBV station HKP2



แบบฟอร์มบันทึกการตรวจวัดเสียง

[illegible]

