



Italian-Thai Development Public Co.,Ltd.

APPLICATION FOR INSPECTION

PTT PHENAL PROJECT

To : **ITD** Section : _____ Mr. _____
To : Section : _____ Mr. _____

- We would like to have your presence for inspection according to the following schedule:
- This is to inform you that the following inspection/test will be carried out at the schedule time mentioned below:

<u>Date and Time</u>	<u>Location</u>	<u>Inspection Item/s</u>	<u>Remarks</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

ITD

ENGINEER

Name _____
Date _____

Name _____
Date _____

 Italian-Thai Development Public	APPLICATION FOR INSPECTION	AFI NO. : JOB NO. DATE
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PROJECT NAME : PTT PHENAL PROJECT	KDG :
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ATTN :

INSPECTION NOTIFICATION :
 We would like to have your presence for inspection according to the following schedule.

Inspection Date : _____ / _____ / _____	Starting Time : _____	Duration : _____
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Work Area :

Inspection Items :

Subject / Coverage :

Reference Dwg. :

Remarks :

KDG	Quality Controller	Supervisor
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INSPECTION REPORT :
 NO. : _____

Inspection Results : Accept Reject Postpone

Inspection Record : Required Not Required Attached

Remarks :

<input type="checkbox"/> Review <input type="checkbox"/> Witness (Date : / /)	QA/QC Manager <input type="checkbox"/> Review <input type="checkbox"/> Witness (Date : / /)	Quality Controller <input type="checkbox"/> Review <input type="checkbox"/> Witness (Date : / /)
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 Italian-Thai Development Public Co.,Ltd.	CIVIL WORK	Report no. :
	PRE-POURING INSPECTION	Job no. :
	PROJECT NAME : PTT PHENAL PROJECT	Date :

BLDG/AREA NO. :	STRUCTURE NO. :	
FOUNDATION NO. :	DRAWINGS NO. :	REV. :

The following items have been checked and cleared :


	YES	N/A	NO
I Prior works accepted (piling) Dossier ref. No. :.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii Pile cut-off elevation & condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii Excavation record	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv Concrete blinding layer poured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1 FORMWORK			
1.1 Dimensions and Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Alignment			
1.3 Stability (bearing , shores , tees , spacers) / False work			
1.4 Surface Preparation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5 Tightness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.6 Chamfer strips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.7 Cleanliness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 REINFORCEMENT			
2.1 Rebar is clean, free of rust, scale , oil or mud	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Location, spacing are correct and secured with wire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Rebar sizes are correct	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Reinforcement chairs on spacers are located	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Splicing (weld joint , overlap)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 EMBEDDED ITEMS			
3.1 Location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2 Size	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3 Condition of Embedments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4 Condition of sheathing and protective coating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 MATERIAL CERTIFICATE			
4.1 Manufacturers material certificates and test results have been received and accepted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 REMARKS			
Quantity of concreteM. ³ Grade Kg./Cm. ³			
Cube tests taken Y/N Cube no. : Truck no. :			


ITD	ENGINEER
Name : _____	Name : _____
Date : _____	Date : _____

 Italian-Thai Development Public Co.,Ltd.	CIVIL WORK	Report no. :
	FOUNDATION CHECK LIST	Job no. :
	PROJECT NAME : PTT PHENAL PROJECT	Date :


AREA NO. :	EQUIPMENT NAME :			
EQUIPMENT NO. :	DRAWINGS NO. :	REV. :		
The following items have been checked and cleared :				
	Dossier ref. No. :.....	YES	N/A	NO
I Prior works accepted (piling)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ii Pile cut-off elevation & condition		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iii Excavation record		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv Concrete blinding layer poured		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1 FORMWORK				
1.1 Location and orientation is correct		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2 Top of foundation elevation :				
1.3 Internal sizes : Width Length				
1.4 Surface preparation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 REINFORCEMENT				
2.1 Rebar is clean,free of rust, scale , oil or mud		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 Location, spacing are correct and secured with wire		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 Rebar sizes are correct		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 Reinforcement chairs on spacers are located		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 EMBEDDED ITEMS				
3.1 Anchor bolts size and type are correct		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2 Centre line locations are correct		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3 Protrusion from base is correct		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4 Threaded ends are protected		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.5 Cast in ducts ; conduits are installed correctly		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.6 Ducts or conduits ends are capped		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.7 Blockouts are installed correctly		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.8 Blockout sizes are correct		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.9 Earthing cable is installed		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 MATERIAL CERTIFICATE				
4.1 Manufacturers material certificates and test results have been received and accepted		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 REMARKS				
Quantity of concreteM. ³ Grade Kg./Cm. ³ Cube tests taken Y/N Cube no. : Truck no. :				

ITD	ENGINEER
Name : _____	Name : _____
Date : _____	Date : _____

 Italian-Thai Development Public Co.,Ltd.	INSPECTION REPORT	Report No. :		
	FOR PAVING	Job no. :		
	PROJECT NAME : PTT PHENAL PROJECT	Date :		
Area / Location :		Drawing No. :		
Rev. :				
Pre-Check of Paving				
W/H	Description	S	U	Remarks
	Has foundation Layer been inspected and accepted ?			
Inprocess Inspection				
1	Ground Condition			
	1.1 Visual Check			
	1.2 Elevation			Survey result
2	Form Work : Check to Thick of Paving			
3	Welded Wire Fabric			
4	Misc. Foundation on Pave			
5	Joint			
	5.1 Expansion Joint			
	5.2 Contraction Joint			
	5.3 Isolation Joint			
6	Concreting			
7	Finish Surface			
	7.1 Elevation			Survey result
8	Curing			
	8.1 Date of Finish			
9	SBST Shoulder			
ITD		ENGINEER		
Name : _____		Name : _____		
Date : _____		Date : _____		

 Italian-Thai Development Public Co.,Ltd.	INSPECTION AND TEST REPORT		Report No. :	
	FOR PIT / MANHOLE / TUNNEL AND CULVERTS		Job no. :	
	PROJECT NAME : PTT PHENAL PROJECT		Date :	
Line No. :	Drawing No. :		Rev. :	
Area :				
Inprocess Inspection				
W/H	Description	S	U	Remarks
1	Excavation			
	- Elevation			Survey result
2	Lean Concrete			
3	Form Work			
4	Re-bar			
5	Step			
6	Water Stops			
7	Block Out			Survey result
8	Proofing Cement / Water Proof			
9	Steel Checker Plate			
10	Grating			
11	PVC Pipe			Survey result
12	Other Steel			Survey result
13	Concreting			
14	Curing			
ITD		ENGINEER		
Name :	_____	Name :	_____	
Date :	_____	Date :	_____	

PrecastBox&Manholes

 Italian-Thai Development Public Co.,Ltd.	INSPECTION AND TEST REPORT FOR PRE-CAST SUMP BOX , MANHOLE , CATCH BASIN	Report No :
	PROJECT NAME : PTT PHENAL PROJECT	Job no. :
		Date :


Manhole / Sump Box No :	Drawing No. :	Rev. :
Area :	Equipment No. :	System No :


Inprocess Inspection

W/H	Description	S	U	Remarks
1	Slab			
	1.1 Rebar			
	1.2 Form Work			
	1.3 Top Elevation			Survey result
	1.4 Water Stop			
	1.5 Concreting			
2	Walls			
	2.1 Rebar			
	2.2 Form Work			
	2.3 Top Elevation			Survey result
	2.4 Steps			
	2.5 Water Stop			
	2.6 Opening Hole			Survey result
	- Elevation			
	- Location			
	- Dimension			
	2.7 Internal Dimension			
	2.8 Concreting			
	2.9 Finish of Concrete			
	Internal / External			
3	Curing			
	3.1 Date of Finish			

NCR No.

Measuring and Test Equipment		
Name	Serial No.	Calibration due date
ITD		ENGINEER
Name :		Name :
Date :		Date :

 Italian-Thai Development Public Co.,Ltd.	INSPECTION AND TEST REPORT			Report No. :
	FOR DIKE			Job no. :
	PROJECT NAME : PTT PHENAL PROJECT			Date :
Area :	Drawing No. :			Rev. :
				System No :
Inprocess Inspection				
W/H	Description	S	U	Remarks
1	Excavation			
	- Elevation			Survey result
2	Lean Concrete			
3	Form Work			
4	Re-bar			
5	Embedded Plate/Steel			Survey result
6	Concreting			
7	Curing			
	- Date of Finish			
ITD		ENGINEER		
Name : _____		Name : _____		
Date : _____		Date : _____		

 Italian-Thai Development Public Co.,Ltd.	INSPECTION AND TEST REPORT	Report No :
	FOR OPEN TRENCH	Job no. :
	PROJECT NAME : PTT PHENAL PROJECT	Date :

Area / Location :	Drawing No. :	Rev. :
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Inprocess Inspection

W/H	Description	S	U	Remarks
1	Excavation			
	- Bottom Condition			
	- Elevation			Survey result
2	Lean Concrete			
3	Form Work			
4	Re-bar			
5	Joint			
	- Expansion Joint			
6	Steel Work			
7	Concrete			
8	Surface Finishing			
	- Elevation			Survey result
9	Curing			

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<p>ITD</p> <p>Name : _____</p> <p>Date : _____</p>	<p>ENGINEER</p> <p>Name : _____</p> <p>Date : _____</p>
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 Italian-Thai Development Public Co.,Ltd.	INSPECTION AND TEST REPORT FOR UNDERGROUND PIPING INSTALLATION WORK	Report No : _____ Job No : _____ Date : _____
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Line No. :	Drawing No. :	Rev. :
Area :	Type :	Size :

Inprocess Inspection

W/H	Description	S	U	Remarks
1	Excavation			
	- Bottom Elevation			Survey result
	- Bottom Condition			
2	Bedding			
3	Pipe Installation			
	- Pipe Elevation			Survey result
	- Alignment			Survey result
	- Pipe Joint (O-Ring , K-Locks)			
	- Gap of Joint			
	- Grout of Joint / Curing			
4	Lining (if any)			
5	Testing			
6	Backfilling			

NCR No.

Measuring and Test Equipment	
Name _____	Serial No. _____
Calibration due date _____	
ITD Name : _____ Date : _____	ENGINEER Name : _____ Date : _____



SURVEY REPORT FOR TRAVERSE CHECK

REPORT NO _____

REF. NO _____

DATE _____

Project Number : _____
 Contract No : _____
 Contract Title : Civils Work
 Contractor : Italian -Thai Development PCL

LOCATION _____
 TIME _____
 WEATHER _____

COMPUTE BY _____
 RECORD BY _____

PAGE _____
 CHECKED BY _____

STA.	TARGET PT	HZ CIRCLE		READING		SAMPLE		REDUCE		TOTAL		DISTANCE MEAN			REMARK
	STATION	F.LEFT		F.RIGHT		MEAN		MEAN		MEAN		NO.	FORWARD	BACKWARD	

CONTRACTOR _____
 NAME _____
 DATE _____

ENGINEER _____
 NAME _____
 DATE _____

