

**INSPECTION REPORT  
FOR  
PRE-CONCRETING**



ITALIAN-THAI DEVELOPMENT PUBLIC CO., LTD.

PROJECT	: Area A3 Development Project, Laemchabang	REPORT NO.:	_____
OWNER	: Hutchison Laemchabang Terminal Limited	DATE:	_____
EMPLOYER'S REPRESENTATIVE	: Scott Wilson Kirkpatrick (Thailand) Ltd. (SW)	INSPECTION TIME:	_____
STRUCTURE NAME	: _____	TYPE OF WORK:	_____
LOCATION	: _____		
CONCRETE MIX DESIGN NO.	: _____		


- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> FOUNDATION  | <input type="checkbox"/> BASE SLAB   |
| <input type="checkbox"/> GROUND BEAM | <input type="checkbox"/> BEAM        |
| <input type="checkbox"/> COLUMN      | <input type="checkbox"/> WALL        |
| <input type="checkbox"/> SLAB        | <input type="checkbox"/> OTHER _____ |

DESCRIPTION OF INSPECTION	RESULT OF INSPECTION			SIGNATURE FOR INSPECTION			REMARK
	ACC.	REP.	N/A	ITD	SMC	SW	
SURVEY LOCATION							
TOP LEAN CONCRETE ELEV.							
RC. / STEEL PILE CONDITION							
FORM WORK DIMENSION							
STRENGTH OF FORMWORK							
ALIGNMENT							
CLEANLINESS							
REBAR DIMENSION							
REBAR SPLICING							
SPACING AND COVERING							
CHIPPING CONCRETE SURFACE							
WATER STOPPER							
CONSTRUCTION JOINT							
EMBEDMENT							
BLOCK OUT / SLEEVES							
COMPACTION							
EE WORK							
ME WORK							
MISCELLANEOUS							

NOTE : ACC. : ACCEPTANCE / REP. : REPAIR / N/A : NOT APPLICABLE

COMMENT : \_\_\_\_\_

CHECKED BY : _____ (ITD)	DATE : _____
VERIFIED BY : _____ (SMC)	DATE : _____
APPROVED BY : _____ (SW)	DATE : _____

 ITALIAN – THAI DEVELOPMENT PUBLIC COMPANY LIMITED		Inspection & Test Plan									
LAEM CHANGBANG PORT TERMINAL A3 PROJECT											
DOC No.: ITP - C027		Construction Activity : Wet Lean Concrete Work For AR1 And Yard Pavement									
Item	Description	Specification ref./	Acceptance	Frequency	Inspection / Test Authority					Verifying	Remarks
		Standard	Criteria		LAB	SC	ITD	SMC	SW	Document	
1	Placing concrete	SMC 6.21									
1.1	Material	MIX DESIGN	Mix design depending	Each Month or Change of Source	C	C	V	V	A	Test report	Before pouring concrete
1.2	Check slump	MIX DESIGN	Follow each mix design	Check every truck	C	C	V	V	A	Test report	Before pouring concrete
1.3	Check elapsed time	SMC 6.17	Not exceed 45 minutes	Check every truck	C	C	V	V	A	Test report	Before pouring concrete
1.4	Compressive strength of concrete specimens	SMC (Section 9) Clause 1030	BS5328 : Part 4 Required Srrength 90~110 K.S.C (Cubes) at 28 days age.	5 Sample Taken per 800 m <sup>2</sup>	C	C	V	V	A	Test report	3 Cubes Mades from Each Sample one Cube to be Tested at 7 days two Cube to Betested at 28 days
2	Curing	SMC 6.25.1	Used of an absorption cover kept continuously wet or Curing Compound	Continue 7 day	-	-	C	V	A	-	
3	Form work	SMC 6.33									
3.1	Check form work dimension & Alignment	SMC 6.33.13	ACI - 347-78 (R 84)	Every Side	-	-	C	V	A	Inspection report	FM - CV - 02
3.2	Strength of Form	SMC 6.33	Visual Check	Every Side	-	-	C	V	A	Inspection report	FM - CV - 02
3.3	Cleanliness	SMC 6.33	Visual Check	Over all	-	-	C	V	A	Inspection report	FM - CV - 02
3.4	Elev. Top of Concrete	SMC 3.6 (3)	EL. (+0/-50 mm)	Every 10 m. in Terval	-	-	C	V	A	Survey Report	FM - CV - 02 & Survey Report
4	In Situ Density	SMC (Section 9) Clause 1030	Visual Check	3 Core per 1,200 m. and 3 Core per Trial Length	C	C	V	V	A	Checking Report & Photo	
5	Concrete Surface Finish	SMC (Section 9) Sub-Clause 1026.5	Visual Check (Rough Surface) as Trial Area	Over all	-	-	C	V	A	-	

Notes.

LAB-Laboratory /Test company  
SC-Subcontractor /Supplier

ITD-ITALIAN-THAI  
SMC- SINDTHU MAUNSELL  
SW-SCOTT WILSON

A=Approval  
V=Verification  
C=Action

W=Withness  
S=Surveillance

Prepared By : ITD

Verified By : SMC

Approved By : SW