 Italian-Thai Development Public Co., Ltd.	INSPECTION AND TEST REPORT FOR ROAD AND PAVING	REPORT NO.
		JOB NO.
		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			
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			
8	Curing			
	8.1 Date of Finish			
9	SBST Shoulder			

NCR No.

Measuring and Test Equipment		
_____ Name _____	_____ Serial No. _____	_____ Calibration due date _____
Final Inspection :	Name & Signature :	Date :
SUBCON :		
CONTRACTOR :		
CLIENT :		



Italian-Thai Development Public Co., Ltd.

**CONCRETE COMPRESSIVE
STRENGTH TEST**

REPORT NO.

JOB NO.

DATE

Project Name :

Area / Location :

REF. SPEC. / DWG. NO. :

QUALITY SPECIFIED	COMPRESSIVE STRENGTH		SLUMP	MAX. SIZE OF AGGREGATE mm	AIR CONTENT %	TYPE OF CEMENT	
PROPORTION	RATIO (WATER/CEMENT)	AGGREGATE CONTENT	WEIGHT OF VOLUME PER CUBIC METER				
	%	%	CEMENT Kg/m ³	WATER Kg/m ³	SAND Kg/m ³	COARSE Kg/m ³	ADMIXTURE
AGES OF SPECIMEN	DAYS	SAMPLING DATE	TESTING DATE				
SPECIMEN NO.	TEST OF FRESH CONCRETE			COMPRESSIVE STRENGTH (kg/m ³)	WEIGHT (kg)		
	SLUMP (Cm)	TEMPERATURE (°C)	AIR CONTENT (%)				
1							
2							
3							
4							
5							
6							
7							
8							
9							
AVERAGE							

● NAME OF LABORATORY

● COMMENTS

	NAME / SIGNATURE	DATE	REMARKS
SUBCONTRACTOR			
CONTRACTOR			
OWNER			



Italian-Thai Development Public Co., Ltd.

**EARTH / ROAD WORKS
INSPECTION REPORT**

REPORT NO.

JOB NO.

DATE

Project / No. : _____ Item : _____
 Location : _____ Subcon. Name: _____
 DWG No. : _____ (Rev. No.) : _____

A. Description & Location :	Date	Check		Remarks
		Sat.	Unsat,	
B. Item to be Checked :				
1) Material for backfill are suitable and approved.				
2) SUB - GRADE - Excavation / Formation Level - Visual Inspection - Compaction test / Results				
3) SUB - BASE COURSE - Excavation / Formation Level - Visual Inspection - Compaction test / Results				
4) BASE COURSE - Excavation / Formation Level - Visual Inspection - Compaction test / Results				
5) SURFACE COURSE - Asphalt finish Level - Dimension check				
6) Surface & Cleaning Condition				
7) Road and Safety sign (If required.)				

	NAME / SIGNATURE	DATE	REMARKS
SUBCONTRACTOR			
CONTRACTOR			
OWNER			



Italian-Thai Development Public Co., Ltd.

**EXCAVATION
INSPECTION REPORT**

REPORT NO.

JOB NO.

DATE

Project / No. : _____ Item : _____
 Location : _____ Subcon. Name : _____
 DWG No. : _____ (Rev. No.) : _____

Item To be checked	Date	Check	
		Sat.	Unsat,
1) The work site is cleared. 2) All grass and weeds including roots are stripped and removed 3) Excavation is performed to the lines grades and slopes as drawing. 4) Slopes of all excavations are cut true and straight and loose stones and boulders shall be removed in area. 5) Excavation is made below the elevation level indicated on the design drawing 6) Excavation is kept free of water at all times until completion of construction or backfilling. 7) No permanently exposed cut is steeper than two horizontal to one vertical. 8) Finish surfaces of drainage ditches, including the free of all slopes to a reasonably smooth and compact.			

NOTE :

	NAME / SIGNATURE	DATE	REMARKS
SUBCONTRACTOR			
CONTRACTOR			
OWNER			



Italian-Thai Development Public Co.,

**FIELD DENSITY TEST
(ASTM D 1556)**

REPORT NO. : _____
 JOB NO. : _____
 DATE : _____

Sample Description _____ Lab Test No. _____
 Layer _____ Required _____ % Compaction Date _____
 Max DD _____ t/m.³ OMC _____ % Tested By _____
 Checked By _____

Station Tested	km.		
Station Represented	km. to km.		

CALIBRATION FOR SAND IN FUNNEL

(1) Initial Wt. of Sand + Apparatus	g.		
(2) Final Wt. of Sand + Apparatus	g.		
(3) Wt. of Sand in Funnel 1-2 = 3	g.		

WT OF SOIL TAKEN FROM HOLE

(4) Wt. of Wet Soil + Container	g.		
(5) Wt. of Container	g.		
(6) Wt. of Wet Soil 4-5=6	g.		

VOLUME OF HOLE

(7) Wt. of Sand Before Test + Apparatus	g.		
(8) Wt. of Sand After Test + Apparatus	g.		
(9) Total Wt. of Sand Used 7-8=9	g.		
(10) Wt. of Sand Remaining in Hole 9-3=10	g.		
(11) Unit Wt. of Sand	t/m. ³		
(12) Vol. of Hole 10/11=12	cm ³		

MOISTURE CONTENT

Can No.			
(13) Wt. of wet Sample + Can	g.		
(14) Wt. Dry Sample + Can	g.		
(15) Wt. of Water 13-14=15	g.		
(16) Wt. of Can	g.		
(17) Wt. of Dry Sample 14-16=17	g.		
(18) Moisture Content [(15/17)x100] = 18	%		

DENSITY COMPUTATION

(19) Wet Density 6/12=19	t/m. ³		
(20) Dry Density 19(18/100+1)=20	t/m. ³		
(21) Maximum Dry Density	t/m. ³		
(22) % Compaction (20/21) x 100 = 22	%		

	NAME / SIGNATURE	DATE	REMARKS
SUBCONTRACTOR			
CONTRACTOR			
INSPECTOR			



SIEVE ANALYSIS FINENESS MODULUS AND SAND EQUIVALENT

File No. : _____
Sample No. : _____
Location : _____
Description : _____
Material To be Used for : _____

Lar Test No. : _____
Report No. : _____
Semple by : _____
Date Test : _____
Tested by : _____

Sand Equivalent

Sand reading : _____ Wt. Dry Sample : _____ g Befor washing.
May reading : _____ Wt. Dry Sample : _____ g After washing.
S.E.% : _____ Loss by washing : _____ g _____ %
Loss by aieving : _____ g _____ %
Total Loss : _____ g _____ %

Grain Size Analysis

Table with 7 columns: Sieve mm., Size Inch, Wt. Retained g, Wt. Cumulative Retained (g), Percent Retained (g), Precent Passing %, Spec. Rows include sieve sizes from 75mm to 0.075mm, plus PAN and TOTAL.

Signature
Italian - Thai

Name _____
Date _____

Signature

Name _____
Date _____



FILE NO. _____

LAB TEST NO. _____

LOCATION _____

REPORT NO. _____

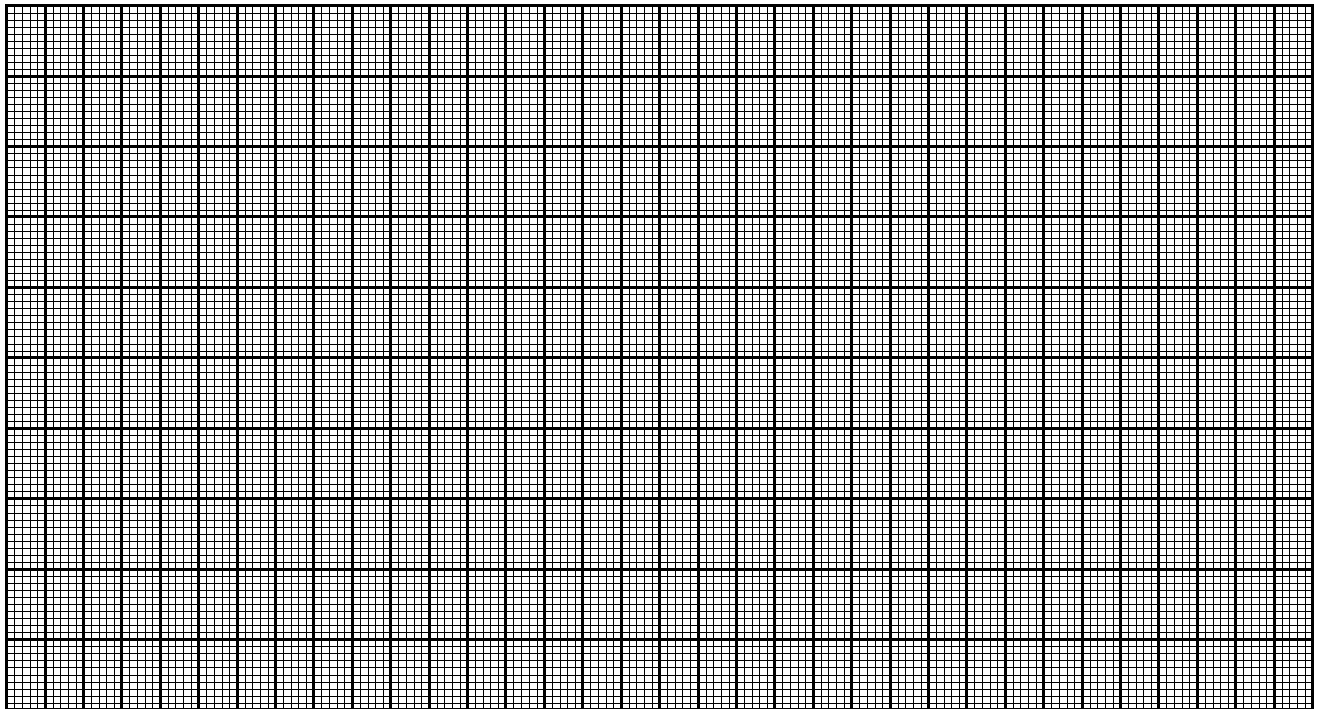
DATE _____

USED FOR _____

TYPE OF MATERIAL _____

TESTED BY _____

CBR %



DRY DENSITY g/cc

MAXIMUM DRY DENSITY

95% OF MAXIMUM DRY DENSITY

CBR AT 95% = _____% Yd

CBR AT 100% = _____% Yd

SIGNATURE

ITALIAN - THAI

SIGNATURE

NAME _____
DATE _____

NAME _____
DATE _____



LAB TEST NO. _____
LOCATION _____
DATE TEST _____
TESTED _____

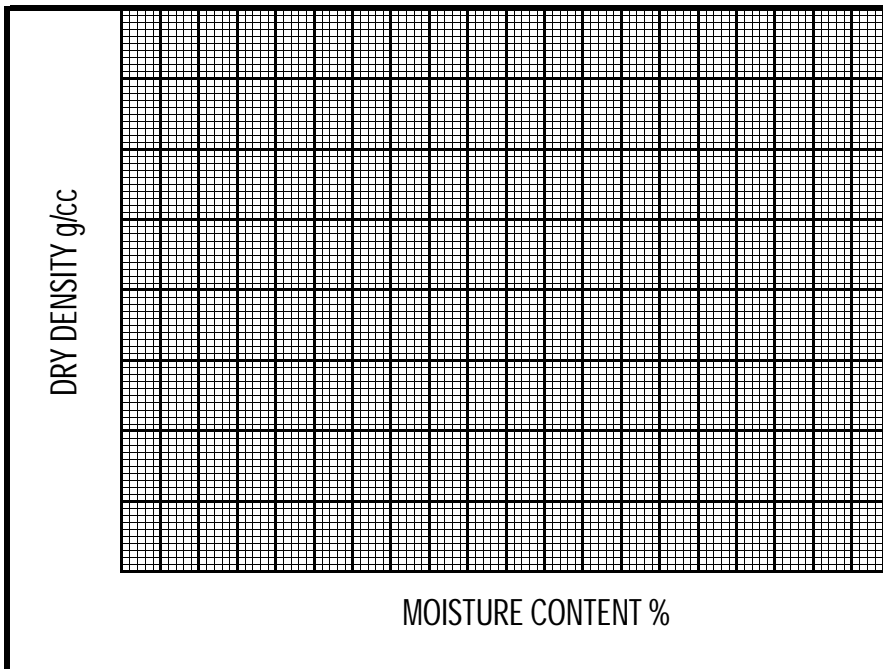
REPORT NO. _____
METHOD OF TEST _____
WT. OF RAMMER _____
VOLUME OF MOLD _____

Density of Sample

Test No.					
Water add.	cc				
Water of Mold + Wet soil	g				
Weight of Mold	g				
Weight of Wet Soil	g				
Bulk Density YW	g/cc				
Dry Density YD	g/cc				

Moisture Content

Container No.	g				
Weight of Wet Soil + Container	g				
Weight of Dry Soil + Container	g				
Weight of Container	g				
Weight of Dry Soil	g				
Moisture Content	%				



Maximum Dry Density _____ g/cc

Optimum Moisture Cont. _____ %

Signature
Italian - Thai

Name
Date

Signature

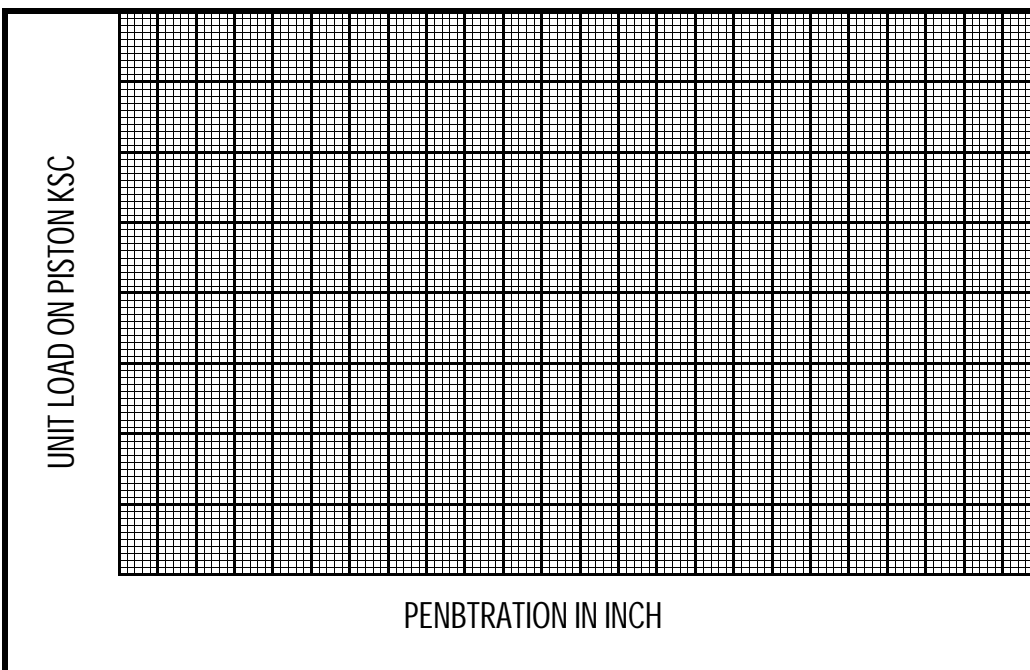
Name
Date



CALIFORNIA BEARING RATIO TEST
(SWELL AND PENETRATION)

Date Time	Elapeed Time	Mold No.			Mold No.			Mold No.		
		Guage Rdg.	Swell		Guage Rdg.	Swell		Guage Rdg.	Swell	
			in	%		in	%		in	%
Initial Sample Langt										

Penetration in (mm)		Mold No.			Mold No.			Mold No.		
		Proving Ring Rdg.	Lond Kgf	Ksc	Proving Ring Rdg.	Lond Kgf	Ksc	Proving Ring Rdg.	Lond Kgf	Ksc
0.025	(0.68)									
0.050	(1.27)									
0.075	(1.90)									
0.100	(2.54)									
0.135	(8.17)									
0.150	(8.81)									
0.176	(4.44)									
0.800	(5.08)									
0.250	(6.85)									
0.800	(7.62)									
0.850	(8.89)									
0.400	(10.16)									



SIGNATURE
ITALIAN - THAI

NAME
DATE

SIGNATURE

NAME
DATE



**CALIFORNIA BEARING RATIO TEST
(AASHTO T 193)**

File No. : _____
Location : _____
Type of Material : _____

Lar Test No. : _____
Date : _____
Used for : _____
Tested by : _____

Compaction	Mold			Mold			Mold		
No. of blows / layer									
Volume of mold cc									
Weight of wet soil + mold g									
Weight of mold g									
Weight of wet soil g									
Wet unit weight Yw g/cc									
Moisture Content	Before soaking	After soaking		Before soaking	After soaking		Before soaking	After soaking	
		Top	Bottom		Top	Bottom		Top	Bottom
Container No.									
Weight of wet soil + cont g									
Weight of dry soil + cont g									
Weight of container g									
Weight of water g									
Weight of dra soil g									
Moisture content %									
Everage moisture conter %									
Dry unit weight Yd g/cc									
After Soaking	Mold			Mold			Mold		
Weight of mold + sample g									
Weight of mold g									
Weight of sample g									
Weight of water absorbe g									
Water absorbed %									

Signature
Italian - Thai

Signature

Name _____
Date _____

Name _____
Date _____