



Doc. No. S0543-04

Asian Institute of Technology

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STRUCTURAL ENGINEERING LABORATORY
STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM
SCHOOL OF CIVIL ENGINEERING

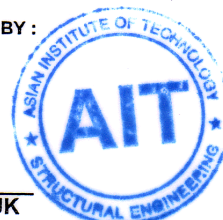
TYPE OF TEST : COMPRESSIVE TEST**TEST SPECIMEN :** Three (3) specimens of light weight concrete cube having a nominal size of 15 x 15 x 15 cm. were given by the client.**CLIENT :** C-LITE**DATE OF TEST :** July 1, 2004**TEST RESULTS :**

Specimen No.	Date of cast	Date of test	Age (days)	Weight of sample (kg)	Maximum load (kgf)	Compressive strength (kgf/cm ²)	Remarks
1	15/06/04	01/07/04	16	4.90	14,220	63	The cross-sectional area of specimen is 225 cm ² .
2	15/06/04	01/07/04	16	4.98	10,780	48	
3	15/06/04	01/07/04	16	5.08	11,180	50	

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :

DR. SUN SAYAMIPUK
SENIOR LABORATORY SUPERVISOR
July 2, 2004



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STRUCTURAL ENGINEERING LABORATORY**STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM****SCHOOL OF CIVIL ENGINEERING****TYPE OF TEST : WATER ABSORPTION**

TEST SPECIMEN: Three (3) specimens of light weight concrete cube having a nominal size of 15 x 15 x 15 cm. were given by the client.

CLIENT: C-LITE

DATE OF TEST: July 1, 2004

TEST RESULTS:

Specimen No.	Date of Cast	Date of Test	Age (days)	Weight of Surface-dried Specimen After immersion A (g)	Weight of Oven-dried Specimen B (g)	Water Absorption of Specimen (A-B)/B x 100 (%)
1	15/06/04	1/07/04	16	4,902.40	4,462.60	9.86
2	15/06/04	1/07/04	16	4,186.00	3,716.20	12.64
3	15/06/04	1/07/04	16	4,332.00	3,887.90	11.42

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :

DR. SUN SAYAMIPUK
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July 6, 2004



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STRUCTURAL ENGINEERING LABORATORY

STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM

SCHOOL OF CIVIL ENGINEERING

TYPE OF TEST : WATER ABSORPTION

TEST SPECIMEN: Three (3) specimens of 4 inches standard cube light weight concrete were given by the client.

CLIENT: C-LITE

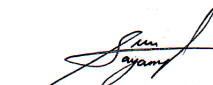
DATE OF TEST: July 5, 2004

TEST RESULTS:

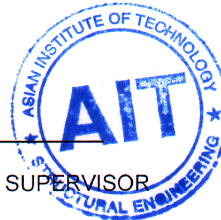
Specimen No.	Weight of Surface-dried Specimen After immersion A (g)	Weight of Oven-dried Specimen B (g)	Water Absorption of Specimen (A-B)/B x 100 (%)
1	853.38	705.60	20.94
2	856.88	720.64	18.91
3	869.42	724.44	20.01

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :



DR. SUN SAYAMIPIUK
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July 15, 2004





Doc. No. S0572C-04

Asian Institute of Technology

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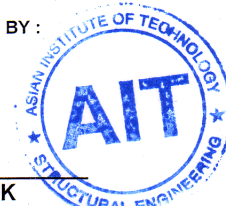
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STRUCTURAL ENGINEERING LABORATORY**STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM****SCHOOL OF CIVIL ENGINEERING****TYPE OF TEST :** **COMPRESSION TEST****TEST SPECIMEN:** Three (3) specimens of 4 inches standard cube light weight concrete were given by the client.**CLIENT:** **C-LITE****DATE OF TEST:** July 12, 2004**TEST RESULTS:**

Specimen No.	Date of Cast	Date of Test	Age of Sample (days)	Cross Sectional Area (cm ²)	Maximum Load (kgf)	Compressive Strength (kgf/cm ²)	Remarks
1	5/07/04	12/07/04	7	100.00	2,200	22.00	* 1 kgf/cm ² = 0.0981 mPa. Average compressive strength of specimens is 2.07 mPa. at 7-days age.
2	5/07/04	12/07/04	7	100.00	2,100	21.00	
3	5/07/04	12/07/04	7	100.00	2,040	20.40	
				Average		21.13	

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :

DR. SUN SAYAMIPUK
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July 15, 2004



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STRUCTURAL ENGINEERING LABORATORY

STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM

SCHOOL OF CIVIL ENGINEERING

TYPE OF TEST : WATER ABSORPTION

TEST SPECIMEN: Three (3) specimens of 4 inches standard cube light weight concrete were given by the client.

CLIENT: C-LITE CONCRETE CO., LTD.

DATE OF TEST: August 9, 2004

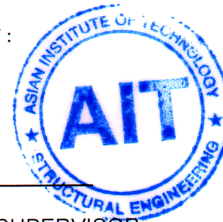
TEST RESULTS:

Specimen No.	Weight of Surface-dried Specimen After immersion A (g)	Weight of Oven-dried Specimen B (g)	Water Absorption of Specimen (A-B)/B x 100 (%)
1	1,008.52	805.60	25.19
2	997.24	790.10	26.22
3	989.02	784.08	26.14

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :

DR. SUN SAYAMIPUK
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August 16, 2004



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STRUCTURAL ENGINEERING LABORATORY**STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM****SCHOOL OF CIVIL ENGINEERING****TYPE OF TEST :** **COMPRESSION TEST****TEST SPECIMEN:** Three (3) specimens of 4 inches standard cube light weight concrete were given by the client.**CLIENT:** **C-LITE CONCRETE CO., LTD.****DATE OF TEST:** August 9, 2004**TEST RESULTS:**

Specimen No.	Date of Cast	Date of Test	Age of Sample (days)	Cross Sectional Area (cm ²)	Maximum Load (kgf)	Compressive Strength (kgf/cm ²)	Remarks
1	02/08/04	09/08/04	7	101.71	1,630	16.02	* 1 kgf/cm ² = 0.0981 MPa.
2	02/08/04	09/08/04	7	101.82	1,760	17.28	
3	02/08/04	09/08/04	7	97.97	2,300	23.48	

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY

DR. SUN SAYAMIPUK
SENIOR LABORATORY SUPERVISOR
August 11, 2004

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STRUCTURAL ENGINEERING LABORATORY**STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM****SCHOOL OF CIVIL ENGINEERING****TYPE OF TEST :** WATER ABSORPTION**TEST SPECIMEN:** Three (3) specimens of 4 inches standard cube light weight concrete were given by the client.**CLIENT:** C-LITE CONCRETE CO., LTD.**DATE OF TEST:** August 16, 2004**TEST RESULTS:**

Specimen No.	Weight of Surface-dried Specimen After immersion A (g)	Weight of Oven-dried Specimen B (g)	Water Absorption of Specimen (A-B)/B x 100 (%)
1	999.08	801.34	24.68
2	994.68	794.90	25.13
3	988.24	792.00	24.78

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :

DR. SUN SAYAMIPUK
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August 20, 2004

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STRUCTURAL ENGINEERING LABORATORY**STRUCTURAL ENGINEERING AND CONSTRUCTION PROGRAM****SCHOOL OF CIVIL ENGINEERING****TYPE OF TEST :** **COMPRESSION TEST****TEST SPECIMEN:** Three (3) specimens of 4 inches standard cube light weight concrete were given by the client.**CLIENT:** **C-LITE CONCRETE CO., LTD.****DATE OF TEST:** August 18, 2004**TEST RESULTS:**

Specimen No.	Date of Cast	Date of Test	Age of Sample (days)	Cross Sectional Area (cm ²)	Maximum Load (kgf)	Compressive Strength (kgf/cm ²)	Remarks
1	03/08/04	17/08/04	14	97.22	2,520	25.93	1 kgf/cm ² = 0.0981 MPa.
2	03/08/04	17/08/04	14	100.00	3,030	30.30	
3	03/08/04	17/08/04	14	99.00	2,540	25.65	

Note : This results certify the adequacy and representative character of the test samples only.

CHECKED & APPROVED BY :

DR. SUN SAYAMIPUK
SENIOR LABORATORY SUPERVISOR
August 20, 2004