

# WEEKLY PROJECT REPORT-009



Photograph taken : 13 October 2011 12:42 PM

AS ON 12 OCT 2011

## PROJECT SUMMARY AS ON: 12 OCT 2011

- WIR (Work Inspection Request) not properly maintained. Yet I have not received WIR of GF/ 1<sup>st</sup> Floor Roof Slab. But I must me maintained and duly signed by proper Consultant/ Engineer before concrete pouring.
- The Test Results of Cylinder meet the design requirements.
- The Concrete surface after removing Shutter is satisfactory. And Ponding of 1<sup>st</sup> floor roof slab is being done for curing.
- Manpower is maintained satisfactory last three weeks.
- Program is 21 day behind as per Master Program.

# WEEKLY CHECK-LIST FOR PROGRAM AS ON: 12-10-11



Name of Sub-Contractor:	Sohel Enterprise
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WBS				
Task Name	All Column at level 03 1st & 2nd lift concreting is complete.			
Schedule Start		Schedule Finish:		Time Lag:
Causes of Delay	Labour are not skill.			

WBS				
Task Name	Shear wall SW2,Sw3 at level 03 1st lift concreting is complete			
Schedule Start		Schedule Finish:		Time Lag:
Causes of Delay	Completed on schedule time.			

WBS					
Task Name	Shear wall SW1 at level 03 1st lift & 2nd lift concreting is complete				
Schedule Start		Schedule Finish:		Time Lead/Lag:	
Causes of Delay					

WBS					
Task Name	Shear wall SW2 2nd lift shuttering on progress.				
Schedule Start		Schedule Finish:		Time Lead/Lag:	
Causes of Delay					

WBS					
Task Name	Shear wall SW3 rebar work on progress.				
Schedule Start		Schedule Finish:		Time Lead/Lag:	
Causes of Delay					

## Remarks: (Penalty/ Award) to be filled by Project Incharge

1) Materials purchase should be earlier.

## Suuggestion/ Advice:

Program upto 12 Oct 2011 is 21 days lag.

\_\_\_\_\_  
Consultant

\_\_\_\_\_  
Chief Engineer

Project Incharge

Chief Engineer

Director

Ekushey Bhaban-Superstructure-Progress																																					
Sl.	Task Name	Duration	Start	Finish	Actual Finish	% Complete	Oct '11																														
							17	18	19	20	21	22	23	24	25	26	27	28	29	30	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
1	Ekushey Bhaban	442 d	28/07/11	18/11/12	NA	1%																															
1.1	Superstructure	300 d	28/07/11	14/06/12	NA	16%																															
1.1.1	Ground Floor	20 d	28/07/11	17/08/11	29/08/11	100%																															
1.1.2	1st Floor	20 d	18/08/11	12/09/11	02/10/11	100%																															
1.1.3	2nd Floor	20 d	13/09/11	02/10/11	NA	38%																															
1.1.3.1	Layout Work	1 d	13/09/11	13/09/11	NA	100%																															
1.1.3.2	Column (17 nos): Lift-1	4 d	14/09/11	17/09/11	NA	100%																															
1.1.3.2.1	Re-bar	1 d	14/09/11	14/09/11	NA	100%																															
1.1.3.2.2	Formwork	2 d	15/09/11	16/09/11	NA	100%																															
1.1.3.2.3	Concrete	1 d	17/09/11	17/09/11	NA	100%																															
1.1.3.3	Column (17 nos): Lift-2	4 d	18/09/11	21/09/11	12/10/11	100%																															
1.1.3.3.1	Re-bar	1 d	18/09/11	18/09/11	NA	100%																															
1.1.3.3.2	Formwork	2 d	19/09/11	20/09/11	NA	100%																															
1.1.3.3.3	Concrete	1 d	21/09/11	21/09/11	NA	100%																															
1.1.3.4	Lift Core: Lift-1	5 d	14/09/11	18/09/11	08/10/11	100%																															
1.1.3.4.1	Re-bar	2 d	14/09/11	15/09/11	NA	100%																															
1.1.3.4.2	Formwork	2 d	16/09/11	17/09/11	NA	100%																															
1.1.3.4.3	Concrete	1 d	18/09/11	18/09/11	NA	100%																															
1.1.3.5	Lift Core: Lift-2	4 d	19/09/11	22/09/11	NA	82%																															
1.1.3.5.1	Re-bar	1 d	19/09/11	19/09/11	NA	100%																															
1.1.3.5.2	Formwork	2 d	20/09/11	21/09/11	NA	82%																															
1.1.3.5.3	Concrete	1 d	22/09/11	22/09/11	NA	66%																															
1.1.3.6	Stair Case (2 nos)-Flight-1	8 d	15/09/11	22/09/11	NA	0%																															
1.1.3.6.1	Formwork	4 d	15/09/11	19/09/11	NA	0%																															
1.1.3.6.2	Re-bar	3 d	19/09/11	22/09/11	NA	0%																															
1.1.3.6.3	Concrete	1 d	22/09/11	22/09/11	NA	0%																															
1.1.3.7	Stair Case (2 nos)-Flight-2	8 d	25/09/11	02/10/11	NA	0%																															
1.1.3.7.1	Formwork	4 d	25/09/11	29/09/11	NA	0%																															
1.1.3.7.2	Re-bar	3 d	29/09/11	02/10/11	NA	0%																															
1.1.3.7.3	Concrete	1 d	02/10/11	02/10/11	NA	0%																															

# WEEKLY CHECK-LIST FOR **QUALITY** AS ON:12/10/2011



Name of Sub-contractor:	Sohel Enterprise
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## Remarks on Shuttering: (Attach Photograph) to be filled by Project Incharge

- 1) Shuttering process & Re-bar work is satisfactory.
- 2) All shuttering is fitted after proper grinding by Cup brush and providing shutter oil for smooth concrete surface.
- 3) Every shuttering work three times check then we will go for casting.

## Remarks on Re-bar Work: (Attach Photograph) to be filled by Project Incharge

- 1) Rebar binding is as per bar bending schedule provided by Project Engineer satisfying lap zone as per Seismic Resistant building design procedure followed by BNBC-1993/ACI=318-02/IBC-2005.
- 2) Structural design provided by BRTC, BUET is followed strictly in all aspect.
- 3) All rebar is cleaned away after concreting and before fixing up shuttering from cement grout.

## Remarks on Concreting : (Attach Photograph) to be filled by Project Incharge

- 1) Continuous monitoring of concrete quality in site by established check list and procedure and in plant is done in this week.
- 2) We use electrical vibrator.
- 3) We take cylinder for strength check.

## Suggestion/ Advice:

1. WIR not maintained properly. Yet I have not received the WIR of Ground Floor and 1st Floor Roof Slab. But It must be maintained and duly signed by proper Consultant/ Engineer before concrete pouring.
2. Test results of Concrete strength meet the design strength. Test Result for Column and Shear wall is 5040 psi (design 4500 psi) and Ground Floor Roof slab is 4840 psi (design 3500 psi)

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Consultant

\_\_\_\_\_  
Chief Engineer

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Project Incharge

\_\_\_\_\_  
Chief Engineer

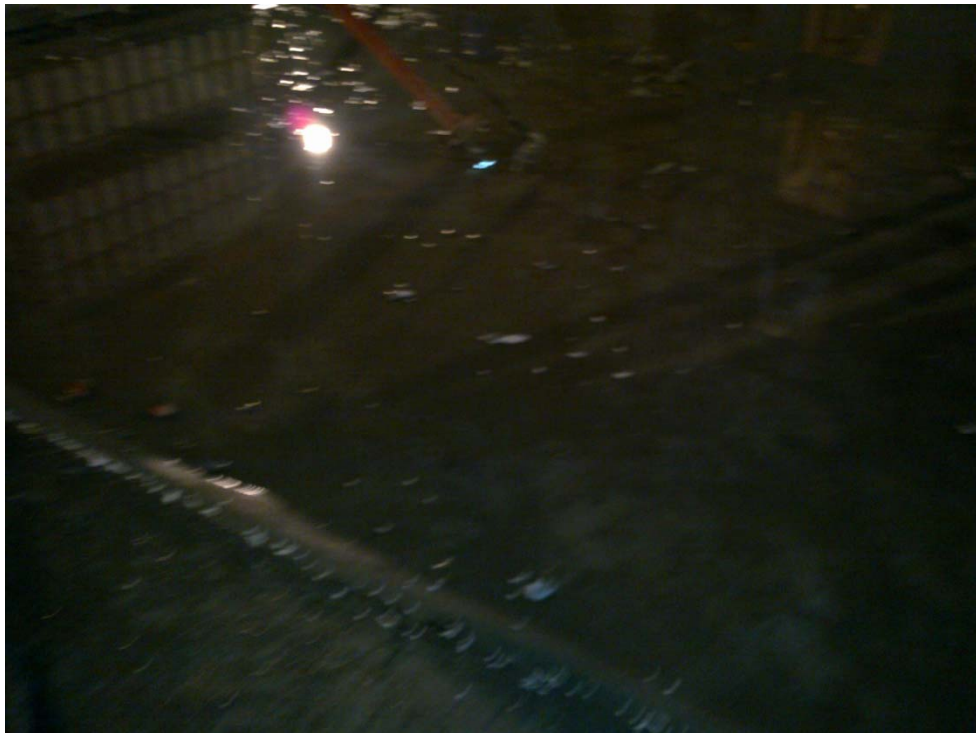
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Director

# QUALITY



Photograph taken: 09 October 2011 07:38 PM

CONCRETE SURFACE AFTER SHUTTER REMOVING



Photograph taken: 09 October 2011 07:39 PM

PONDING ON 1<sup>ST</sup> FLOOR ROOF SLAB FOR CURING



# BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)



DEPARTMENT OF CIVIL ENGINEERING  
Mobile: 01819 557 964; PABX: 966 5650-80 Ext. 7226; www.buet.ac.bd/ce/



## CONCRETE LABORATORY

BRTC No. : 110018072 /11-12/CE; Dt: 26/9/2011  
Sent by : Cityscape International Ltd.  
Ref. No. : CIL/EB/Test-60/57-Con/2011; Dt: 26/9/2011  
Project : CIL Ekhushey Bhaban, 53 Gulshan Avenue, Dhaka  
Sample : **Cylinder** [Mix proportion(as quoted): ---, Aggregate Type: Stone chips]  
Location : Column c5,c1,c1,c5a,c1a, c1c,c1b, sw1,c2,c2a,c2b,c3,c3,c5 1st Lift  
Test : **Compressive Strength [ASTM C39]**  
Date of Test : 26/9/2011

### TEST REPORT

Sl. No.	Date of Casting as per the Letter	Specimen Designation/ Frog Mark	Specimen Area (sq. in)	Maximum Load (lb)	Crushing Strength (psi)	Average Crushing Strength	Mode of Failure
1	31/7/2011 (57 days test)	CIL-EB-60-D	12.80	65,773	5,139	<b>5040 psi</b>	Combined *
2		CIL-EB-60-E	12.80	63,489	4,960	(34.5 MPa)	Combined *
3		CIL-EB-60-F	12.67	63,489	5,011	(354 kg/cm <sup>2</sup> )	Combined *

Note: Samples were received in unsealed condition.

\* Combined = Mortar and Aggregate failure.

Countersigned by:




  
Dr. Md. Shamsul Hoque

Professor

Department of Civil Engineering  
BUET, Dhaka-1000, Bangladesh

Test Performed by:

 29/9/11

Snigdha Afsana

Assistant Professor

Department of Civil Engineering  
BUET, Dhaka-1000, Bangladesh

**Important Notes:** Samples as supplied to us have been tested in our laboratory. BRTC does not have any responsibility as to the representative character of the samples required to be tested. It is recommended that samples are sent in a secure and sealed cover/packet/container under signature of the competent authority. In order to avoid fraudulent fabrication of test results, it is recommended that all test reports are collected by duly authorized person, and not by the Contractor/Supplier.



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## CONCRETE LABORATORY

BRTC No. : 110018072 /11-12/CE; Dt: 26/9/2011  
Sent by : Cityscape International Ltd.  
Ref. No. : CIL/EB/Test-67/30-Con/2011; Dt: 26/9/2011  
Project : CIL Ekhushey Bhaban, 53 Gulshan Avenue, Dhaka  
Sample : **Cylinder** [Mix proportion(as quoted): ---, Aggregate Type: Stone chips]  
Location : 1st Floor Slab Level (+) 14'-6"  
Test : **Compressive Strength [ASTM C39]**  
Date of Test : 26/9/2011

### TEST REPORT

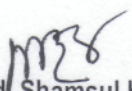
Sl. No.	Date of Casting as per the Letter	Specimen Designation/ Frog Mark	Specimen Area (sq. in)	Maximum Load (lb)	Crushing Strength (psi)	Average Crushing Strength	Mode of Failure
1	27/8/2011 (30 days test)	CIL-EB-67-G	12.67	56,637	4,470	<b>4840 psi</b> (33.5 MPa) (340 kg/cm <sup>2</sup> )	Combined *
2		CIL-EB-67-H	12.80	63,489	4,960		Combined *
3		CIL-EB-67-I	12.92	65,773	5,091		Combined *

Note: Samples were received in unsealed condition.

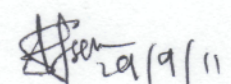
\* Combined = Mortar and Aggregate failure.

Countersigned by:



  
Dr. Md. Shamsul Hoque  
Professor  
Department of Civil Engineering  
BUET, Dhaka-1000, Bangladesh

Test Performed by:

  
Snigdha Afsana  
Assistant Professor  
Department of Civil Engineering  
BUET, Dhaka-1000, Bangladesh

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# WEEKLY CHECK-LIST FOR MAINTENANCE AS ON:05/10/2011



Name of Sub-contractor:	Sohel Enterprise
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Remarks on Equipment Maintenance: (Attach Photograph if any) to be filled by Project Incharge

N/A

Remarks on Shutter Maintenance: (Attach Photograph if any) to be filled by Project Incharge

N/A

Remarks on Re-bar Cleaning after Concreting: (Attach Photograph if any) to be filled by PI

All rebar is cleaned away after concreting regularly; result found satisfactory.

Remarks on Curing (Ponding) after Slab Concreting: (Attach Photograph if any) to be filled by PI

Curing of 2nd floor slab is implemented by ponding free water over it. Other curing is on running process by wrapping hetchen cloth and polythene and so on spraying water. All process is followed as per building code.

Suggestion/ Advice:

	_____ Consultant
	_____ Chief Engineer

\_\_\_\_\_  
Project Incharge

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Chief Engineer

\_\_\_\_\_  
Director

# WEEKLY CHECK-LIST FOR SAFETY AS ON: 12/10/2011



Name of Sub-Contractor:	Sohel enterprise.
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## List of Safety Materials issued:

Safety Shoe	85	pairs
Helmet	95	nos.
T-shirt	86	nos.

## Induction:

Total Labour:	60	Inducted:	40	
Tool Box Meeting (Weekly Safety Meeting) no.:		1		Date: 11/10/2011

## Safety Violation: (Attach Photograph)

Warning	No. of Persons
1st Warning :	10
2nd Warning with Fine:	7
Termination:	Nil

## Safety Award: (Attach Photograph)

Induction ID:		Trade	Cleaner
Name:			

## Accidents/ Injury:

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## House Keeping

Site cleaning is going on.
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## Remarks: to be filled by Project Incharge

Safety materials is available in site, but a safety Engineer is required for proper safety monitoring in all time. Also safety training is necessary for site staff and workers.
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## Sugggestion/ Advice:

Due to absence of Safety Engineer/ Supervisor no action/ report can be taken.
_____ Consultant
_____ Chief Engineer

\_\_\_\_\_  
Project Incharge

\_\_\_\_\_  
Chief Engineer

\_\_\_\_\_  
Director

# WEEKLY CHECK-LIST FOR **MANPOWER** AS ON:12-10-11



Name of Sub-Contractor:	Sohel Enterprise
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## Shuttering Work:

Manpower	Required No.	Present No.	Remarks
Shutter Mistry		67	weekly basis
Shutter Helper		80	weekly basis

## Re-bar Work:

Manpower	Required No.	Present No.	Remarks
Re-bar Fabricator		52	
Helper		82	

## Concrete Work:

Manpower	Required No.	Present No.	Remarks
Mason		14	
Labour		32	

## Housekeeping

Manpower	Required No.	Present No.	Remarks
Labour	21	14	Extra labour is required for proper house keeping and cleaning

## Over All Remarks by Project Incharge

Total number of worker per week is satisfactory. But they are not skill. We need more skill labour. Master cleaning of Basement-01 is necessary.
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## Suggestion/ Advice

Manpower is constant last three weeks and satisfactory. Manpower histogram is attached.
_____ Consultant
_____ Chief Engineer

\_\_\_\_\_  
Project Incharge

\_\_\_\_\_  
Chief Engineer

\_\_\_\_\_  
Director



## MANPOWER HISTOGRAM

