

**WELCOME TO  
TRUST ENGINEERING & CONSTRUCTION**



*Our Aim Is To Ensure Quality*

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**Structural  
Construction**

**Ensuring  
Safety  
Measures**

**Temporary  
Labor Shed,  
Water Tank  
Toilet etc.**

**Digital  
Layout and  
Marking  
Survey**

**Cast In-  
Situ Pile  
Work**

**Finishing  
& Interior  
Work**

**Pile Cap Lift  
Core &  
Shear Wall**





**8<sup>th</sup> Storied Madrasa Building At Amin-Bazar, Dhaka.**





**8<sup>th</sup> Storied Madrasa Building At Amin-Bazar, Dhaka.**





**5<sup>th</sup> Storied Masjid Complex At Amin Bazar, Dhaka.**





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**10<sup>th</sup> Storied Residential Building At Bashundhara, Dhaka.**





**10<sup>th</sup> Storied Residential Building At Bashundhara, Dhaka.**





**Govt. Project Of BPATC Building At Savar, Dhaka.**





4<sup>th</sup> Storied Commercial Building At Kapasia Bazar, Gazipur.





**Pre-Cast Pile Cap For Mass Concrete**





## Pre-Cast Pile Grid Line Layout Survey





**Pile Cap, Lift Core  
& Shear Wall**



**Ensuring Safety  
Measures**



**Structural  
Construction**





**Water-Reducing High Range Chemical Admixture  
Increase Concrete Strength & Quick Bonding**





**Mechanical Compaction Work**

**At Ground Floor**

**Step by Step Ramping Over Local Sand**





**Sand Washing in Water Reservoir**



**Sand and Cement Mixture Screening by Net**

**Sand cement mixture that are used for plaster work**





**Water Reservoir for Brick**



**Bricks are Soaking Water**

**Bricks that are used for Brickwork in the Structure**





**Door and Window Frame  
Wood**



**Wood Stock at site after  
seasoning**

**Burma Teak/Chittagong Teak/Segun/Mehguni as per Client Demand**





**- Machine Made or 1<sup>st</sup> Class Brick**

**- Ensure Perfect Leveling**





**- Steel Shutter, Props**

**- Masking Tape Between Plates**

**- 24 Gauge 'GI' Wire for Rod Binding**

**- Proper Concrete Block and Chair**





**Cap brass & Masking Tap using for joint steel shutter**





What we check and ensure during concreting ????

Proper Vibrator

Ensure strength (PSI)

Compaction





**Ensure Stone Chips Grade as per Concrete Mix Design.**





**Ensure Stone Chips Grade as per Concrete Mix Design  
RCC Ceiling Chipping 1" Gap**





**We Ensure Safety for Labors, Engineers, Visitors and People near by Construction Site. (Safety net, Safety Canopy)**



**Trust-Engineering Workshop At Notun Bazar, Dhaka. (Steel Shutter Fabrication)**





 **Test-Engineering Workshop At Notun Bazar, Dhaka. (Steel Props)**

**BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)**  
 DEPARTMENT OF CIVIL ENGINEERING  
 Concrete Laboratory

BUETCE 0236532

SRIC No: 1102-22004/20-21/CE: DE 201102020

Sent to: Mr. Zakir Hossain, TRUST ENGINEERING & BUILDERS, 3720 Westchambers Road, Tugue, Dhaka

Ref No: Letter: DE 201102102

Project: Block L, 800-444 Besharath Road, Dhaka, Of T&E Engineering & Builders.

Sample: Cylinder (Multiple cores casted for Mortar and Aggregate) for Slab Casted

Location: 1st Floor Roof Slab Casting

Test: Compressive Strength (ASTM C39)

Date of Test: 20/10/2020

Sl. No.	Date of Casting as per the letter	Specimen Designation Core No. & Frog Mark	Specimen Area	Specimen Load	Crushing Strength	Average Crushing Strength	Mode of Failure
1	17/10/2020		304.73	30	0.90	4058.000	Combed*
2	8 days test		30.40	37.33	1.230	34 MPa	Combed*
3			7.35	88.338	1.207	0.47 MPa	Combed*

Note: Samples were received in untested condition. \* Combed = Mortar and Aggregate failure.

Countersigned by:   
 Dr. Md. Abdul Jalil  
 Professor  
 Department of Civil Engineering  
 BUET, Dhaka-1000, Bangladesh

Test Performed by:   
 Bayzid Saten  
 Assistant Professor  
 Department of Civil Engineering  
 BUET, Dhaka-1000, Bangladesh

QR Code: 

Important Note: Samples as supplied to us have been tested in our laboratory. BUETCE 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/pack/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.

BUETCE 0236532

**BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY (BUET)**  
 DEPARTMENT OF CIVIL ENGINEERING  
 Concrete Laboratory

BUETCE 0236532

SRIC No: 1102-19063/20-21/CE: DE 13/100820

Sent to: Mr. Zakir Hossain, TRUST ENGINEERING & BUILDERS

Ref No: Letter: DE 13/100820

Project: 800 Block L, Besharath Road, Dhaka.

Sample: Cylinder (Multiple cores casted) for Mortar and Aggregate for Slab Casted

Location: Ground Floor Roof Slab Casting

Test: Compressive Strength (ASTM C39)

Date of Test: 17/10/2020

Sl. No.	Date of Casting as per the letter	Specimen Designation Core No. & Frog Mark	Specimen Area	Maximum Load	Crushing Strength	Average Crushing Strength	Mode of Failure
1	21/10/2020		12.42	25.800	2.119		Combed*
2	17 days test		12.42	20.441	2.284		Combed*
3			12.42	10.924	2.465		Combed*

Note: Samples were received in untested condition. \* Combed = Mortar and Aggregate failure.

Countersigned by:   
 Dr. Md. Abdul Jalil  
 Professor  
 Department of Civil Engineering  
 BUET, Dhaka-1000, Bangladesh

Test Performed by:   
 Bayzid Saten  
 Assistant Professor  
 Department of Civil Engineering  
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### Testing Material

- Brick
- Sand
- Cement
- Rod
- Concrete

### Authorized Testing Organization

- BUET
- PWDTA
- BSTI
- HBRI
- Other authorized organization

### Testing Number

- As per client demand.



# TRUST ENGINEERING & CONSTRUCTION



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**We sincerely appreciate your attention today.  
Thank you so much for your interest and attention**