

## **Summary of Preliminary Assessment on Structural, Fire and Electrical Safety**

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Name of the Factory	: Common Threads Ltd.
Address of the Factory	: 118, Sher-e-Bangla Road, Hajaribag, Dhaka.
Present Status of the Factory	: Under operation.
Structural Assessment Conducted by	: BUET
Date of Structural Inspection	:
Fire Assessment Conducted by	:
Date of Fire Inspection	:
Electrical Assessment Conducted by	:
Date of Electrical Inspection	:
BGMEA Membership No.	: 3719

### **BASIC INFORMATION:**

The factory building is an eight storied RCC building with flat plate RCC frame system. The following information was noted:

i. Building Usage Type	: Garment Factory.
ii. Structural System	: RCC frame structure with flat plate.
iii. Floor System	: Flat plate.
iv. Floor Area	: Approx. 7245 sft/floor
v. No. of Stories	: 8
vi. Construction Year	: 2001-2002
vii. Foundation Type	: Individual footing of different sizes
viii. Design Drawings	: Available
ix. Soil Investigation Report	: Available
x. Construction Materials	: Brick aggregate.
xi. Generator	: Ground Floor.

### **RECOMMENDATIONS FOR CORRECTIVE ACTION:**

The recommendations of corrective action for both Structural and Fire & Electrical Safety comprises in Short Term, Mid Term and Long Term basis.

The recommendations for **Structural Safety** corrective action are:

Short Term (Immediate)	: Water proofing and proper roof drainage system need to be implemented as directed by the guidance of building engineer. No horizontal or vertical extension of the building shall be made without detail engineering assessment.
Mid Term (6-weeks)	: N/A
Long Term (6-months)	: N/A

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The recommendations for **Fire & Electrical Safety** corrective action are:

**(A): Recommendations for Fire Safety Corrective Actions:**

Immediate  <i>(the factory should not continue to be occupied until these non-conformities have been rectified):</i>	
Short Term  <i>(Actions that must be incorporated into a Fire Safety Management Plan immediately (1 ~ 2 weeks) and should be a regular activity</i>	
Mid Term  <i>(The remedial works indicated must be carried out within a period of 6 weeks)</i>	
Long Term  <i>(The remedial works indicated must be carried out within a period of 6 months)</i>	

**(B): Recommendations for Electrical Safety Corrective Actions:**

Immediate  <i>(the factory should not continue to be occupied until these non-conformities have been rectified):</i>	
Short Term  <i>(Actions that must be incorporated into a Fire Safety Management Plan immediately (a week) and should be a regular activity</i>	
Mid Term  <i>(The remedial works indicated must be carried out within a period of 6 weeks)</i>	
Long Term  <i>(The remedial works indicated must be carried out within a period of 6 months)</i>	