

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

Name of the Factory	: Century Design & Fashion (Pvt) Ltd.
Address of the Factory	: Kalma-1, Dairy Firm, Savar, 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.	: 3783

### **BASIC INFORMATION:**

The factory building is a seven storied RCC frame building. The following information was noted:

i. Building Usage Type	: Garment Factory.
ii. Structural System	: RCC beam column system.
iii. Floor System	: RCC Beam slab.
iv. Floor Area	: Approximately 5000 to 6000 sft per floor
v. No. of Stories	: Existing seven story
vi. Construction Year	: 2005-2007
vii. Foundation Type	: Isolated column footing
viii. Design Drawings	: Available
ix. Soil Investigation Report	: Available
x. Construction Materials	: RCC.
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)	: The owner/users of the building should be vigilant about development of any distress, particularly, in primary structural elements such as columns, beams and slabs. If cracks appear, propagate and widen, detail assessment and adoption of the remedial measures may become necessary.  No horizontal or vertical extension shall be made without detail investigation.
Mid Term (6-weeks)	: N/A
Long Term (6-months)	: N/A

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

---

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</i>	

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

---

<i>months)</i>	
----------------	--