

Summary of Preliminary Assessment on Structural, Fire and Electrical Safety

Name of the Factory	: Unimas Sportswear Ltd.
Address of the Factory	: Anika Industrial Garden, Baghbari, Kashimpur, Gazipur.
Present status of the factory	: Under Operation
Structural Assessment Conducted by	: BUET
Date of Structural Inspection	: 2014-01-23.
Fire Assessment Conducted by	: Not Known.
Date of Fire Inspection	: Not Known.
Electrical Assessment Conducted by	: Not Known.
Date of Electrical Inspection	: Not Known.
BGMEA Membership No.	: 5371.

BASIC INFORMATION: The present garment factory is a RCC beam-column frame structural system. After the visual observation following general information are noted:

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| i. Building Usage Type | : RMG Factory Building. |
| ii. Structural System | : RCC beam-column frame system. |
| iii. Floor System | : Edge supported RC solid floor slab system on RC beam. |
| iv. Floor Area | : Approx. 17500 sft per floor. |
| v. No. of Stories | : At present 7 (G+6) |
| vi. Construction Year | : Not known during site visit. |
| vii. Foundation Type | : Individual Footing of different sizes . |
| viii. Design Drawings | : Available. |
| ix. Soil Investigation Report | : Available. |
| x. construction Materials | : Reinforced Concrete, Stone chips. |

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)	: 1. Other than ground floor all areas of storage loading shall be limited to 60psf (3.0 kN/m ²) immediately.
Mid Term (6-weeks)	: 1. Preparation of the detail as-built drawing 2. Factory owner have been instructed to prepare a load plan & submit it for vetting & approving.
Long Term (6-months)	: 1. No modification of structural configuration or further construction is to be carried out without detail analysis.

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2. No horizontal & vertical extension shall be made without detail investigation.

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

(A): Recommendations for Fire Safety corrective actions:

Fire Assessment report not available.

(A): Recommendations for Fire Safety corrective actions:

Electrical Assessment report not Available.