

Summary of Preliminary Assessment on Structural, Fire and Electrical Safety

Name of the Factory	: WAQFI KNIT FABRICS (PVT) LTD
Address of the Factory	: P-80 (pwd), A-81 &82 BSCIC Konabari, Gazipur, Bangladesh.
Present Status of the Factory	: Under operation.
Structural Assessment Conducted by	: TUV
Date of Structural Inspection	: 27 June, 2015
Fire Assessment Conducted by	:
Date of Fire Inspection	:
Electrical Assessment Conducted by	:
Date of Electrical Inspection	:
BKMEA Membership No.	: 698

BASIC INFORMATION:

The structural system of the building was an RCC frame structure. All floor systems were two way beam slab. The following information was noted:

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| i. Building Usage Type | : Garment Factory. |
| ii. Structural System | : RCC beam column system. |
| iii. Floor System | : Two way beam slab system. |
| iv. Floor Area | : The typical plinth area is 8771.46 sft. |
| v. No. of Stories | : GF + 7 Floors (8 Storey), No Basement |
| vi. Construction Year | : 2000 |
| vii. Foundation Type | : Shallow Foundation |
| viii. Design Drawings | : Available (Approval from BSCIC on 03rd September 2002 for 6 storey factory building) |
| ix. Soil Investigation Report | : Available |
| x. Construction Materials | : Stone 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:

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| Short Term (Immediate) | : N/A |
| Mid Term (6-weeks) | : N/A |
| Long Term (6-months) | : 1. As built engineering drawing to be prepared and submitted for approval by appropriate authority. As part of this process building engineer will be required to make a number of checks on the structural design. |

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 months)</i>	