

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

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Name of the Factory : B. K. KNITTING & FABRICS  
Address of the Factory : Durgapur, Ashulia, Savar, Dhaka, Bangladesh.  
Present Status of the Factory : Under Operation.  
Structural Assessment Conducted by : TUV  
Date of Structural Inspection : 23<sup>rd</sup> July, 2015  
Fire Assessment Conducted by : TUV  
Date of Fire Inspection : 23<sup>rd</sup> July, 2015  
Electrical Assessment Conducted by : TUV  
Date of Electrical Inspection : 23<sup>rd</sup> July, 2015  
BKMEA Membership No. : 1501.

### **BASIC INFORMATION:**

The assessed factory building was a Single Storey shed building which is occupied by B. K. KNITTING & FABRICS. The structural system of the buildings is Steel frame roof system on RCC column. The factory was pre scheduled to perform assessment on the mentioned date and opening meeting was conducted in the presence of factory representative and contact person. Visual assessment was started by the guidance of factory representative but suddenly the assessment had been stopped forcefully by the top management of the factory and not got permitted to continue the assessment. Due to the unavoidable situation the factory could not be assessed and no measurement could be taken to perform stress analysis. The following information was noted:

- i. Building Usage Type : Garments Factory.
- ii. Structural System : Steel frame roof system on RCC columns.
- iii. Floor System : Steel roof shed.
- iv. Floor Area : Not measured
- v. No. of Stories : GF (Single Storey), No Basement
- vi. Construction Year : Unknown.
- vii. Foundation Type : Not verified.
- viii. Design Drawings : Not verified.
- ix. Soil Investigation Report : Not verified.
- x. Construction Materials : Not verified.
- xi. Generator : Not verified.

### **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) : Factory could not be assessed.
- Mid Term (6-weeks) : Factory could not be assessed.
- Long Term (6-months) : Factory could not be assessed.

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</i>	Factory could not be assessed.
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<i>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>	Factory could not be assessed.
Mid Term <i>(The remedial works indicated must be carried out within a period of 6 weeks)</i>	Factory could not be assessed.
Long Term <i>(The remedial works indicated must be carried out within a period of 6 months)</i>	Factory could not be assessed.

**(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>	Factory could not be assessed.
Short Term <i>(Actions that must be incorporated into a Fire Safety Management Plan immediately (a week) and should be a regular activity</i>	Factory could not be assessed.
Mid Term <i>(The remedial works indicated must be carried out within a period of 6 weeks)</i>	Factory could not be assessed.
Long Term <i>(The remedial works indicated must be carried out within a period of 6 months)</i>	Factory could not be assessed.