

Summary of Preliminary Assessment on Structural, Fire and Electrical Safety

Name of the Factory	: Arrow Fabrics (Pvt.) Ltd.
Address of the Factory	: Standard Factory Building, S, S,-1, Plot # 50-51, KEPZ, Patenga, Chittagong, Bangladesh.
Present Status of the Factory	: Under Operation.
Structural Assessment Conducted by	: TUV
Date of Structural Inspection	: 28 th July, 2015
Fire Assessment Conducted by	: TUV
Date of Fire Inspection	: 28 th July, 2015
Electrical Assessment Conducted by	: TUV
Date of Electrical Inspection	: 28 th July, 2015
BGMEA Membership No.	: 4523

BASIC INFORMATION:

The assessed factory building is a 2 - Storey RCC building. The structural system of the building is beam column frame and beam slab floor system. The factory was pre scheduled to perform assessment on the mentioned date but during opening meeting suddenly the assessment had been stopped forcefully by the top management of the factory and did not give permission 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 general information was noted:

- i. Building Usage Type : Garment Factory.
- ii. Structural System : RCC beam column frame system structure.
- iii. Floor System : RCC Beam-slab floor system.
- iv. Floor Area : Not measured.
- v. No. of Stories : 2 Storey
- vi. Construction Year : Unknown.
- vii. Foundation Type : Unknown.
- viii. Design Drawings : Unavailable.
- ix. Soil Investigation Report : Unavailable.
- 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:

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|------------------------|----------------------------------|
| 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:

As the factory could not be assessed. So, the level of compliance of the factory could not be determined for any of the 67 checkpoints as per the NTPA guidelines.

Immediate <i>(the factory should not continue to be</i>	N/A
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<i>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>	N/A
Mid Term <i>(The remedial works indicated must be carried out within a period of 6 weeks)</i>	N/A
Long Term <i>(The remedial works indicated must be carried out within a period of 6 months)</i>	N/A

(B): Recommendations for Electrical Safety corrective actions:

The factory management was not interest to conduct the electrical safety audit. So, the level of compliance of the factory could not be assessed for any of the 74 checkpoints as per the NTPA guidelines.

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