

Summary of Preliminary Assessment on Structural, Fire and Electrical Safety

Name of the Factory	: Advance Stitch Wear Ltd.
Address of the Factory	: 25/2, Shah Ali Bagh, Section-1, Mirpur, Dhaka, Bangladesh.
Present Status of the Factory	: Closed
Structural Assessment Conducted by	: ACCORD
Date of Structural Inspection	: 2013-09-16
Fire Assessment Conducted by	: TÜV SÜD Bangladesh (Pvt.) Ltd
Date of Fire Inspection	: 2015-06-28
Electrical Assessment Conducted by	: TÜV SÜD Bangladesh (Pvt.) Ltd
Date of Electrical Inspection	: 2015-06-28
BGMEA Membership No.	: 5635

BASIC INFORMATION:

The present Garment factory is a commercial building with beam column frame structural system. The following information was noted: 5635

i. Building Usage Type	: Garment Factory.
ii. Structural System	: R.C.C Building.
iii. Floor System	: Beam slab.
iv. Floor Area	: Not available
v. No. of Stories	: Nine story
vi. Construction Year	: Not known
vii. Foundation Type	: Not available
viii. Design Drawings	: Available
ix. Soil Investigation Report	: Not available
x. Construction Materials	: Not available
xi. Generator	: Not available

RECOMMENDATIONS FOR CORRECTIVE ACTION:

The recommendations for **Structural Safety** corrective action are:

Short Term (Immediate)	: 1 Do not place storage on the lift shaft area.
Mid Term (6-weeks)	: 1. Design check all columns south of the joint between the original and extension buildings. Revise As-Built drawings showing actual column sizes. Propose strengthening as required 2. Verify insitu concrete stresses either by cores or existing cylinder strength data for South of the joint between the original and extension
Long Term (6-months)	: 1. Produce and actively manage a loading plan for all floor plates within the factory giving consideration to floor capacity and column capacity. 2. Addition structures should be Designed and upgraded to support code vertical and wind loads by the building Engineer, or they should be vacated and removed.

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3. Engineer to inspect propose a suitable repair
4. The building Engineer should verify this can carry code floor load, or design and construct a retrofit

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

(A): Recommendations for Fire Safety corrective actions:

As the factory was not operational in this building. So, the level of compliance of the factory could not be determined for any of the 67 checkpoints as per the NTPA guidelines.

(B): Recommendations for Electrical Safety corrective actions:

As the Factory is not in operation, so no corrective action determined.