

# Starlet Apparels Ltd. (11633)

Road # 01, Plot # B 223-224, BSCIC Hosiery Industries Estate, Fatullah, Narayanganj

(+23.624982N, +90.480768E)

05.August.2014



# Identified Priority 2 Concerns

## 1st Priority 2 Concern



No loading plans exist for the building.

Minor stock piling of construction materials on the roof.

# Overall Stability System



The building did not feature any core or shear walls. Stability was achieved through sway action between beams and columns and masonry infill walls.

We require that these items be investigated by an Engineering Assessment

# Water Ingress at Roof Level



No waterproofing membrane was visible on the roof of the building. This means that any cracks in the surface finishes on the roof will allow water to seep into the concrete slab beneath the finishes, and cause corrosion of the reinforcing steel.

# Priority Actions

## Problems Observed Summary

- ITEM 1: (Priority 2) The building contains no obvious stability system.**
- ITEM 2: (Priority 2) No loading plans exist for the building.**
- ITEM 3: (Priority 3) No waterproofing membrane on the roof.**

| Item No. | Observation   | Recommended Action Plan   | Recommended Timeline |
|----------|---|---|----------------------|
| 1        | Priority 2 - The building contains no obvious stability system. | Carry out Engineering Assessment on the building to verify that it is stable under lateral loading. | 6-weeks              |
| 2        | Priority 2 - The building contains no obvious stability system. | Carry out recommendations of Engineering Assessment.  | 6-months             |
| 3        | Priority 2 - No loading plans exist for the building.           | Ensure slabs are not loaded above 2.0kPa (40psf).   | 6-weeks              |
| 4        | Priority 2 - No loading plans exist for the building.           | Produce loading plans for each level. Ensure these are displayed and managed at each level.         | 6-months             |
| 5        | Priority 3 - No waterproofing membrane on the roof.             | Cover the concrete roof with a suitable waterproofing membrane, e.g. waterproof screed.             | 6-months             |