

B2B Excellence Ltd. (9691)

Seablue Apparels Ltd.

Mirzapur Purbapara, 8 no. Mirzapur Mouza, Mirzapur.

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25.06.2014



Identified Priority 1 Concerns

Not applicable

Identified Priority 2 Concerns

- Lateral bracings of B2B's main factory are loose and the column are highly stressed
- There is no obvious lateral stability system in Seablue Apparels Ltd. building
- Utility building staircase is poorly designed
- Inadequate steel detailing of roofs

1st Priority 2 Concern



B2b's main building bracing were loose.

The bracings do not seem properly connected to the column.

According to our verification, the steel columns are highly stressed.

2nd Priority 2 Concern



There was no obvious lateral stability system in Seablue Apparels Ltd. factory building.

3rd Priority 2 Concern



Utility building staircase was not properly connected to the slab.

4th Priority 2 Concern



Poor detailing of steel roof connections at the shed buildings..



Identified Priority 3 Concerns

Not applicable

Overall Stability System



Several buildings did not feature any shear walls or lateral bracing. Stability was achieved through masonry infill walls except for inadequate bracing in the B2B factory.

We require that these items be investigated in an Engineering Assessment

Water Ingress at Roof Level



No waterproofing membrane was visible on the roof of the utility 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) Lateral bracings of B2B's main factory are loose and the column are highly stressed.

ITEM 2: (Priority 2) There is no obvious lateral stability system in Seablue Apparels Ltd. Building

ITEM 3: (Priority 2) Utility building staircase is poorly designed.

ITEM 4: (Priority 2) Inadequate steel detailing of roofs

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Priority 2 - Lateral bracings of B2B's main factory are loose and the column are highly stressed.	Carry out an Engineering Assessment to verify if the stability system and the columns of the building are adequately designed to BNBC.	6-weeks
2	Priority 2 - Lateral bracings of B2B's main factory are loose and the column are highly stressed.	Carry out recommendations of the Engineering Assessment.	6-months
3	Priority 2 - There is no obvious lateral stability system in Seablue Apparels Ltd. Building	Carry out an Engineering Assessment to review the lateral stability of the building as per BNBC.	6-weeks
4	Priority 2 - There is no obvious lateral stability system in Seablue Apparels Ltd. Building	Carry out recommendations of the Engineering Assessment.	6-months
5	Priority 2 - Utility building staircase is poorly designed.	Carry out an Engineering Assessment to review the conditions and the stability of the staircase.	6-weeks
6	Priority 2 - Utility building staircase is poorly designed.	Carry out recommendations of Engineering Assessment.	6-months
7	Priority 2 - Inadequate steel detailing of roofs	Carry out an Engineering Assessment to verified that the steel roof structures are properly designed and anchored.	6-weeks
8	Priority 2 - Inadequate steel detailing of roofs	Carry out recommendations of Engineering Assessment.	6-months