

Liberty Knitwear (Unit-2) Ltd #11570

Factory Address

(+24.035059N, 90.254120E)

10.May.2014



Identified Priority 1 Concerns

Storage Area at East side of main building –
Design load exceeded: loading to be reduced

Construction debris was piled up in stairs, greatly
exceeding design loading for stairs.



1st Priority 1 Concern

For Main building, on 1st and 2nd floor heavy storage is seen over a large area. In some places loading exceeds design loading plan for these floors (up to 100 psf versus 60 psf design).

Construction debris was also piled up at stair landings of the floor under construction.



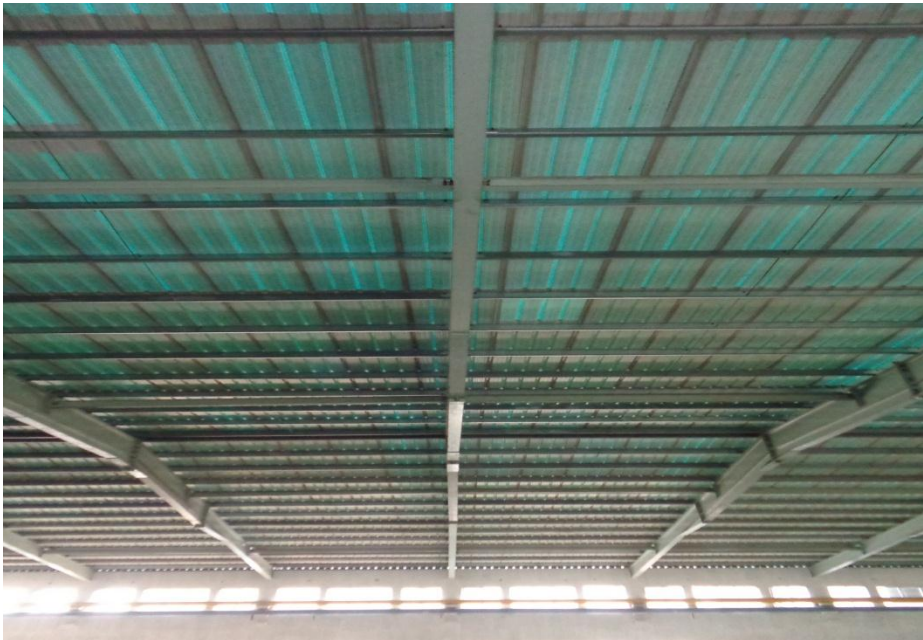
Identified Priority 3 Concerns

Detailed structural drawings are not available for “pre-engineered” roof structure of dyeing and finishing buildings.



1st Priority 3 Concern

Factory owner does not have detail drawing for steel structure. Detail drawing should be compiled for future reference.



Water Ingress at Roof Level



Most of the buildings of the factory are still in construction. When construction will be completed, applying waterproofing should be considered



Priority Actions

Problems Observed Summary

- ITEM 1:** (Priority 1) Main building – Design load exceeded: loading to be reduced - Construction debris was piled up in stairs, greatly exceeding design loading for stairs.
- ITEM 2:** (Priority 3) Detailed structural drawings are not available for “pre-engineered” roof structure of dyeing and finishing buildings.

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Main building – Design load exceeded, loading to be reduced.	Redistribute material in storage areas to respect design load of 3 kPa (60 psf). Evacuate construction debris from stairs and add supervision to prevent future occurrence.	Immediate – Now
2	Main building – Design load exceeded, loading to be reduced.	Implement better control to prevent overload of floors by construction materials. Implement better supervision of floor loadings in storage areas.	6-weeks
3	Detailed structural drawings are not available for “pre-engineered” roof structure of dyeing and finishing buildings.	Detailed structural drawings to be sent to owner of building	6-months