

Indesore Sweater Ltd. (9492)

Deger Chala, National University, Gazipur Sadar, Gazipur - 1704

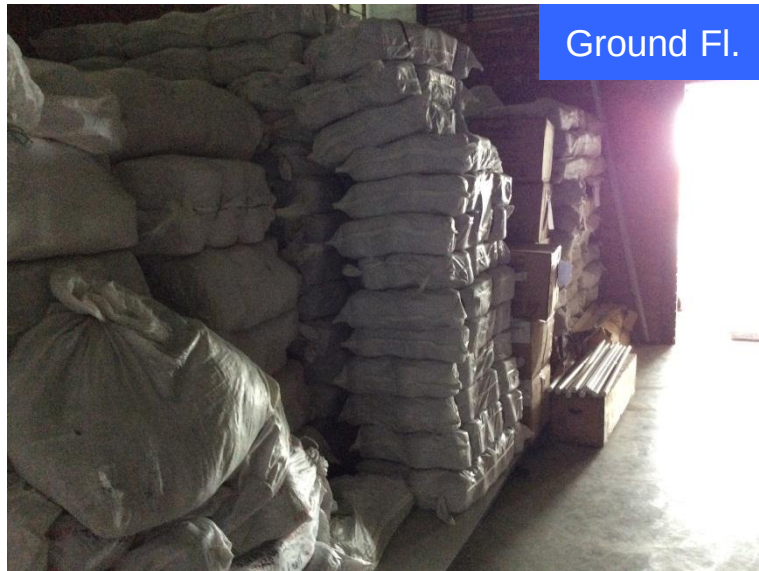
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24.AUGUST.2014



Identified Priority 1 Concerns

- Uncontrolled heavy storage loading on ground floor.



Ground Fl.



Ground Fl.



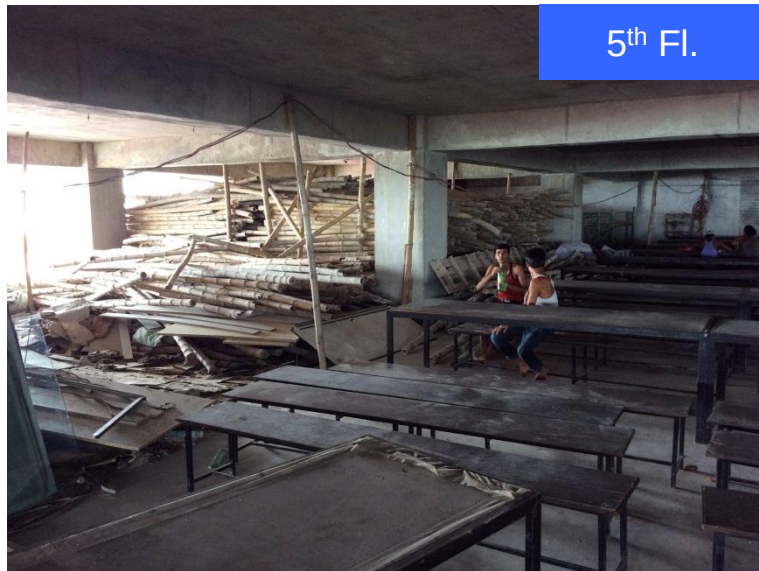
Ground Fl.

Uncontrolled heavy storage loading was found on ground floor. We believed the loading on this floor to be 8.0 kPa (28.2 kg per bag, 0.50 x 0.85 m footprint, 12 bags per stack). Loading in these area should be reduced to 2.0 kPa and we require that these items be investigated as part of an Engineering Assessment. Loading plans should be developed and displayed on all levels.

Identified Priority 2 Concerns

- Construction materials on 5th floor.
- Capacity check of 6th floor slab supporting water tanks.

1st Priority 2 Concern



Concerns on construction materials on 5th floor. The stacking height of these items need to be reduced.



Concerns on 6th floor slab supporting water tanks. A capacity check of these slabs and all related elements need to be carried out.

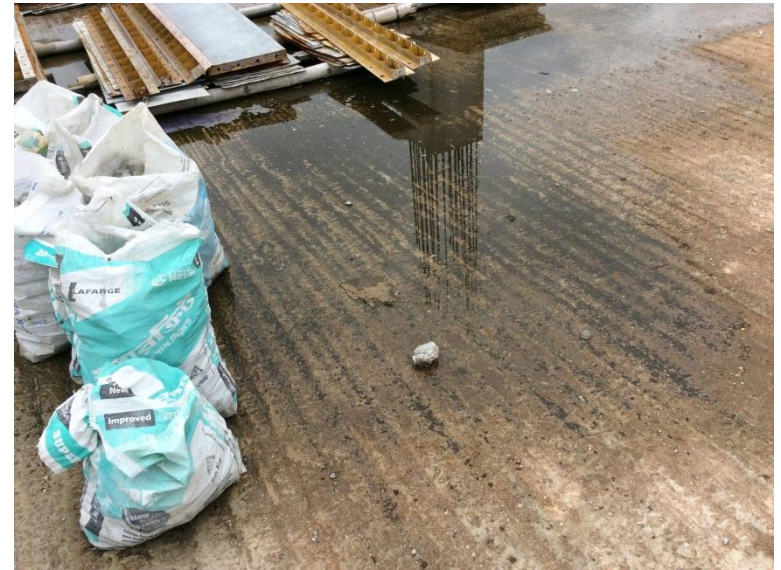
Identified Priority 3 Concerns

- Reinforcement left exposed at top level.



Reinforcement is left exposed at top level of building.

Water Ingress



Water distress was noted on slabs. Water ponding were also found at top level.

Priority Actions

Problems Observed Summary

- | | | |
|---------|--------------|--|
| ITEM 1: | (Priority 1) | Uncontrolled heavy storage loading on ground floor. |
| ITEM 2: | (Priority 2) | Construction materials on 5 th floor. |
| ITEM 3: | (Priority 2) | Capacity check of 6 th floor slab supporting water tanks. |
| ITEM 4: | (Priority 3) | Distress due to water ingress. |
| ITEM 5: | (Priority 3) | Reinforcement left exposed at top level. |

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Priority 1 - Uncontrolled heavy storage loading on ground floor.	Reduce stacking height to ensure total load does not exceed 2.0 kPa. An Engineering Assessment is required to review the design and loads. Factory Engineer to state the maximum weight that is allowed per square meter. Suggest that state the value on notice boards in these areas. (Loading Plans).	Immediate – Now
2	Priority 1 - Uncontrolled heavy storage loading on ground floor.	Adopt some sort of signage/staff guidance to ensure that the maximum weight of storage is not exceeded. (Loading Plans).	6-weeks
3	Priority 1 - Uncontrolled heavy storage loading on ground floor.	Maintain standards of quality control to ensure that storage procedures are correctly followed so that overloading problems do not arise in the future. Maintain and implement Loading Plans.	6-months
4	Priority 2 - Construction materials on 5th floor.	Reduce stacking height of construction materials to ensure total load does not exceed 2.0 kPa in the area identified above.	6-weeks
5	Priority 2 - Capacity check of 6th floor slab supporting water tanks.	Factory Engineer to review design, loads and related elements in area identified above to confirm capacity for these items. Or The items in the area identified above should be removed.	6-weeks
6	Priority 3 - Distress due to water ingress.	Factory Engineer to inspect water damaged structures and repair with a suitable methods. Waterproofing on the roof slab is to be applied. Moreover the roof slab drainage system should be investigated and improved.	6-months
7	Priority 3 - Reinforcement left exposed at top level.	Clean rebar before further construction. For both durability and serviceability, rust proof paint or any appropriate methods is recommended.	6-months