

KNIT PLUS LTD (10342)

Plot # 2036, Mouchak, Kaliakoir, Gazipur

(+24.025867N, 90.298927E)

04.APRIL.2014



Site Observations

Roof made of structural steel at garments factory building



At the garments building, roof made of structural **steel**. Building engineer to validate steel deck, joist and column capacity.



Roof at the garments building

Future extension of the garments factory building



Demolition of the conference room building for the future extension for the garments building. Building engineer to validate beams and column capacity.



Future extension of the garments building

No loading plan in place



No loading plan in place on the upper floors to insure full compliance with specified design loads.

No loading plan in place

**Roof appears not to have any
waterproofing system applied**



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 long-term soaking of the slab.

Roof Floor does not appear to have any waterproof membrane to protect lower floor from water damage

Priority Actions

Problems Observed

ITEM 1: Roof

ITEM 2: Future extension of the

ITEM 3: No loading plan in place

ITEM 4: Lack of water proofing on the roof.

Item 1 and actions

Roof at the garments building

Priority 1
(Immediate – Now)

- None required

Priority 2
(within 6 – weeks)

- None required

Priority 3
(within 6-months)

- Building engineer to validate existing structure steel roof at the garments building.

Item 2 and actions

Future extension

Priority 1 (Immediate – Now)

- None required

Priority 2 (within 6 – weeks)

- None required

Priority 3 (within 6-months)

- Building engineer to validate existing structure capacity before construction of the future extension

Item 3 and actions

No loading plan in place

Priority 1 (Immediate – Now)

- None required.

Priority 2 (within 6 – weeks)

- None Required.

Priority 3 (within 6-months)

- Produce and actively manage a loading plan, ensuring maximum height of storage is adhered to in the long-term.

Item 4 and actions

Roof appears not to have any waterproofing system applied.

Priority 1 (Immediate – Now)

- None required.

Priority 2 (within 6 – weeks)

- None required.

Priority 3 (within 6-months)

- Consider applying a new waterproofing membrane.