

Cotton Club (BD) Ltd.

Cotton Clout (BD) Ltd.

South Jarun, Kashimpur, Gazipur, Dhaka
(+23.990928N, 90.321769E)

05 October 2013

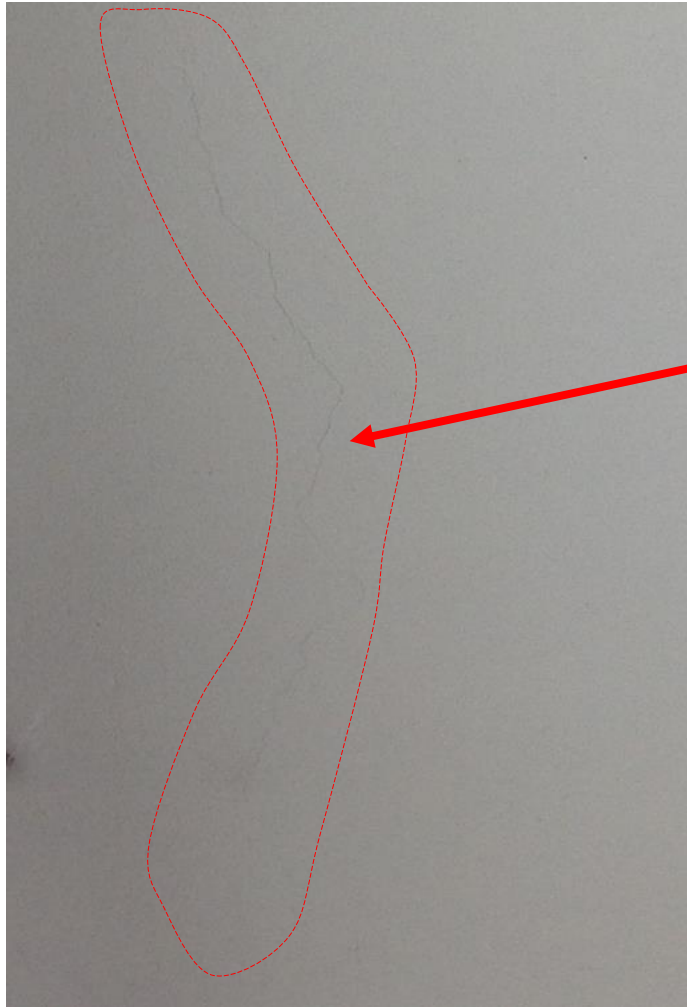


Hairline Cracks at slab and beams



Hairline Cracks in Beams

Hairline Cracks at beam and Slabs



**Hairline Cracks in Underside
of Slab**

Hairline Cracks at Beam and Slabs

Cracks in Screed



Cracks in Screed

Cracks in Screed

Load Management



**Uncontrolled loading
from bagged fabric on a
limited number of floors.**

**Load Management is
required**



Load Management

Holes made through beam for electrical cables



Holes through beam

Holes through slab



Holes through slabs and beams

**Secondary buildings connected to main building
at second and third floors but not at first**



**Secondary Building
connected to Main
Building at third floor**

**No structural drawings
for secondary building.
How buildings are joined
could not be confirmed**

Secondary Building Connection

Problems Observed

1. Uncontrolled loading on all floors from stacked bags of fabric
2. Hairline cracks in most beams and some slab soffits
3. Cracking to screed on top of slabs in a number of locations
4. Holes made through beam for electrical cables
5. Secondary buildings connected to main building at second and third floors but not at first

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Uncontrolled loading on all floors from stacked bags of fabric	Reduce stack heights to 1.5m	6-weeks
2	Uncontrolled loading on all floors from stacked bags of fabric	Ensure that stacks of materials within the main factory building and fabric store are separated by a 0.5m gap all around	6-weeks
3	Uncontrolled loading on all floors from stacked bags of fabric	Building Engineer to create controlled loading plans for all floors designating where storage can be placed and can not be placed taking consideration of capacity of double height column at ground level. Engineer to take into consideration the existing hairline cracking noted in item 2 & 3.	6-months
4	Hairline cracks in most beams and some slab soffits	Break out small area of cracked screed to check if cracks are also in structural slab. If cracks are in slab consult the Factory structural engineer for required action. The engineer is undertake this action giving consideration to Item 1 actions.	6-weeks
5	Cracking to screed on top of slabs in a number of locations	Engineer to monitor cracking to ensure it does not worsen.	6-weeks
6	Cracking to screed on top of slabs in a number of locations	Engineer to consider cracking when undertaking action for item 1.	6-months

Item No.	Observation	Recommended Action Plan	Recommended Timeline
7	Holes made through beam for electrical cables	Engineer to review penetrations made as part of recent electrical upgrade to ensure structural beams/ slabs have not been affected.	6-months