

AKH OUTWEAR LTD.

Holding No-19, Tannery Road, Horindhara, Hemayetpur, Savar, Dhaka-1340, Bangladesh.
(23.788274422281194, 90.24631768585719)

8 July 2026

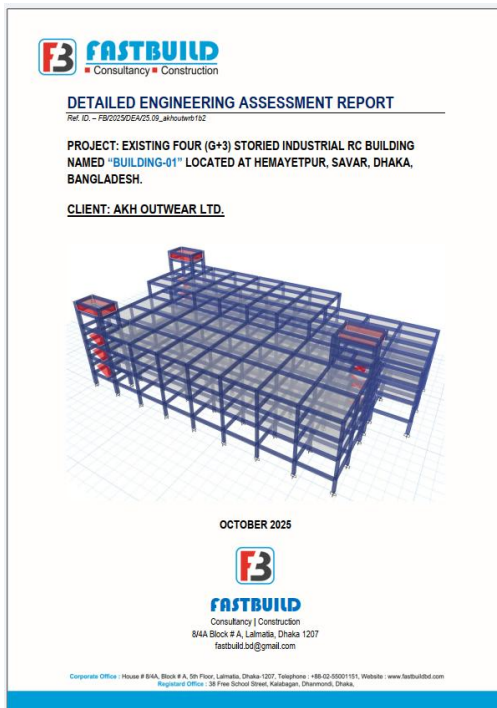


1. Building Information

SL	Name	Remarks
1.	Production Building-1	Partial four storied RC building.
2.	Production Building-2	Three storied RC building
3.	Medical & Child Care Room	Single storied RC structure
4.	RMS Room	Single storied RC structure
5.	Security Room	Single storied RC structure
6.	Connecting Bridge	Three storied prefabricated steel structure

2. Observation

Observation-01: Design report required to be reviewed by RSC against lateral loading. (Production Building-1)



Description: A set of design reports was available for the Production Building-1. Design report needs to be reviewed against lateral loading.

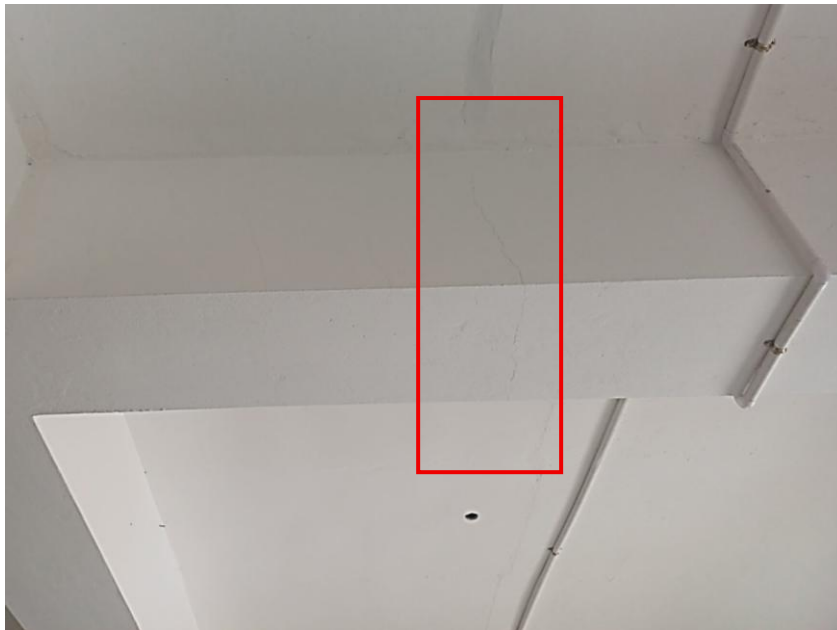
Observation-02: Mismatch in as-built drawing. (Production Building-1)



Column Schedule				
	1st Floor & 2nd Floor	Ground & 1st Floor	2nd Floor & Roof	Typ Details
C1A				
C1B				
C2A				
C2B				
C3				
C4				

Description: Amount of rebar in C3 column does not match with onsite condition. 5 nos of rebar were found instead of 7 nos on each face. Building engineer is required to confirm the amount of rebar of each column and prepare accurate as-built drawing.

Observation-03: Hairline cracks on beam (Production Building-1)



Description: Hairline cracks observed in Roof Beam of Main Production Building-1. Repair the crack with suitable method.

Observation-04: Faling hazard (Production Building-1)



Description: A falling hazard was observed at the roof of Production Building-1 due to the absence of adequate edge protection. The factory is required to provide a parapet wall around the roof perimeter to eliminate the falling hazard.

Observation-05: Design report required to be reviewed by RSC against lateral loading. (Production Building-2)



Description: A set of design reports was available for Production Building-2. Design report needs to be reviewed against lateral loading.

Observation-06: Non-structural elements found not anchored/braced (Production Building-1, Production Building-2)



Production Building-1



Production Building-2

Description: Non-structural member (PVC tank, Rack) found not anchored/braced in both Production Building-1 and Production Building-2. Factory is required to anchor/brace the non-structural members to prevent overturning.

Observation-07: Trolley impact of column. (Production Building-2)



Description: Trolley impact was observed in column surface on 2nd floor. The factory is required to repair the column surface and provide column guard to the affected columns.

Observation-08: Wall cracks on several locations. (Production Building-2)



Description: Brick wall cracks were found in several locations of this building. The building engineer is required to investigate the reason for cracks and repair with suitable method.

Observation-09: Lack as-built drawing (Connecting Bridge)



Description: No as-built drawing was found on site for Connecting Bridge. The building engineer is required to survey the structure and prepare accurate as-built drawing and submit to RSC.

Observation 10: Lack of Design Report (Connecting Bridge)



Description: At the time of inspection, the design report for connecting bridge was not available on site. As per BNBC, every building or structure designed shall have its design documents prepared following the provisions of Section 1.9.1. The design document shall include a design report and a set of structural drawings, which shall be prepared in compliance with section 1.9.1.1 and section 1.9.1.2 as per BNBC.

The building engineer is required to prepare the Engineering Assessment (EA) in compliance with section 1.9.1.1 and section 1.9.1.2, part-6 of BNBC.

3. Action Plan

No	Observation	Action Plan	Timeline
1.	Design report required to be reviewed by RSC against lateral loading. (Production Building-1)	Design report needs to be reviewed against lateral loading by RSC.	within 6 weeks
2.	Design report required to be reviewed by RSC against lateral loading. (Production Building-1)	Implement remediation work if required.	within 6 months
3.	Design report required to be reviewed by RSC against lateral loading. (Production Building-1)	Implement floor loading plan.	within 6 weeks
4.	Mismatch in as-built drawing. (Production Building-1)	Building engineer is required to confirm the amount of rebar of each column and prepare accurate as-built drawing.	within 6 weeks
5.	Faling hazard (Production Building-1)	The factory is required to provide a parapet wall around the roof perimeter to eliminate the falling hazard.	within 6 weeks
6.	Non-structural elements found not anchored/braced (Production Building-1)	Factory is required to anchor/brace the non-structural members to prevent overturning.	within 6 weeks
7.	Hairline cracks on beam (Production Building-1)	Repair the crack with suitable method.	within 6 weeks
8.	Design report required to be reviewed by RSC against lateral loading. (Production Building-2)	Design report needs to be reviewed against lateral loading by RSC.	within 6 weeks
9.	Design report required to be reviewed by RSC against lateral loading. (Production Building-2)	Implement remediation work if required.	within 6 months
10.	Design report required to be reviewed by RSC against lateral loading. (Production Building-2)	Implement floor loading plan.	within 6 weeks
11.	Non-structural elements found not anchored/braced (Production Building-2)	Factory is required to anchor/brace the non-structural members to prevent overturning.	within 6 weeks

12.	Trolley impact of column. (Production Building-2)	The factory is required to repair the column surface and provide column guard to the affected columns.	within 6 weeks
13.	Wall cracks on several locations. (Production Building-2)	The building engineer is required to investigate the reason for cracks and repair with suitable method.	within 6 weeks
14.	Lack as-built drawing (Connecting Bridge)	The building engineer is required to prepare accurate as-built drawing and submit to RSC.	within 6 weeks
15.	Lack of Design Report (Connecting Bridge)	The building engineer is required to prepare the Engineering Assessment (EA) in compliance with section 1.9.1.1 and section 1.9.1.2, part-6 of BNBC.	within 6 months
16.	Lack of Design Report (Connecting Bridge)	Implement remediation work if required.	within 6 months