

REMIX COLLECTIONS LTD

Sa-34, Mulaid, Telihaty, Sreepur, Gazipur, Bangladesh

(24.244131, 90.408820)

18 November 2025



1. Building Information

1.	Production Building	Single-storied RC structure.
2.	Generator Shed	Single-storied steel shed.
3.	Doctor's Shed	Single-storied bamboo shed.
4.	Pantry Shed	Single-storied bamboo shed.
5.	Wastage Shed	Single-storied bamboo shed.
6.	Toilet Shed	Single-storied steel shed.

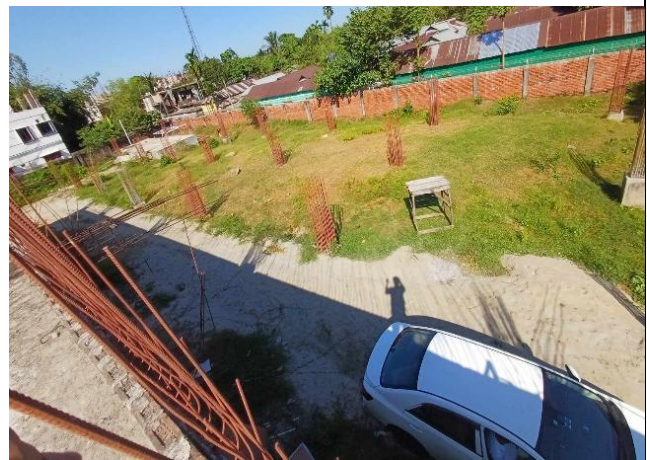
2. Observation

Observation-01: Lack of design report (Production Building).



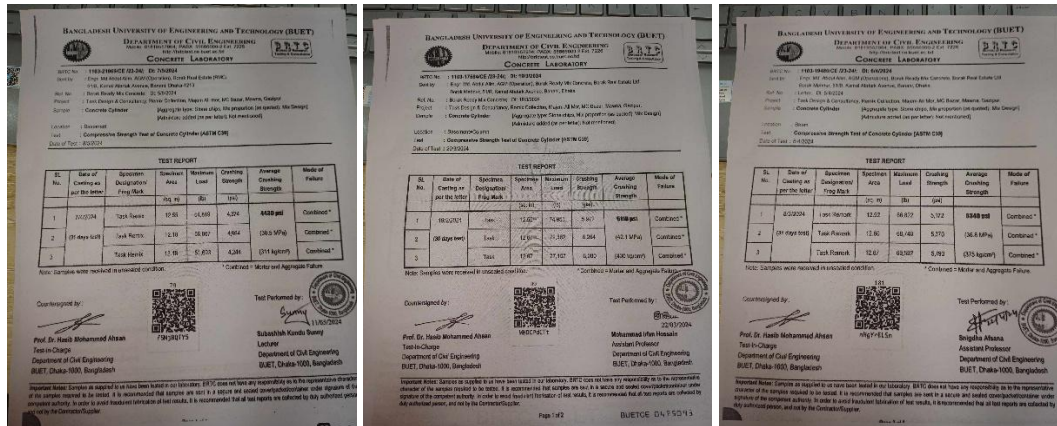
Description: As per BNBC, every building or structure designed shall have its design documents prepared in accordance with the provision of Section 1.9.1. The design document shall include a design report, and a set of structural drawings, which shall be prepared in compliance with section 1.9.1.1 and section 1.9.1.2 as per BNBC. At the time of inspection, the design report was not available, which is required to be prepared in compliance with section 1.9.1 (part-6, BNBC).

Observation-02: Possible horizontal and vertical extension (Production Building).



Description: Some exposed rebar was found on the roof and projected horizontally, which indicates the possibility of future extension. The factory has a plan to conduct the future extension. The building is currently single-storied but is proposed as a five-story building, as per the local authority permit drawing. Before conducting any future extension, prepare a Detailed Engineering Assessment (DEA) and submit it to RSC for review.

Observation-03: Inadequate number of concrete cylinder test reports (Production Building).



Description: Only one concrete cylinder test report was available for the column, four from the footing, and one from the beam, which doesn't meet the frequency of testing as per BNBC. Also, no test report was available from the slab. The building engineer is required to take a minimum 4- 100mm diameter concrete core from structural elements (column and beam/slab).

Observation-04: Poorly constructed bamboo shed over the staircase (Production Building).



Description: A poorly constructed bamboo shed over the staircase was observed. The building engineer is required to replace the bamboo shed over the staircase with a well-designed structure.

Observation-05: Exposed rebar is prone to corrosion (Production Building).



Description: Exposed rebar was found prone to corrosion. Provide rust-proof coating on exposed rebar to protect from corrosion.

Observation-06: Falling hazard at roof level (Production Building).



Description: No parapet/railing was found at the roof level and on the staircase. Provide edge protection immediately at the roof and stairs to avoid falling hazards.

Observation-7: Inadequate member size and connection (Generator Shed, Toilet Shed).



Generator Shed



Toilet Shed

Description: Inadequate member size and connections were observed for both sheds. Check the member adequacy as part of EA and submit it to RSC for review.

Observation-8: Lack of local authority approval drawing (Generator Shed, Toilet Shed).



Generator Shed



Toilet Shed

Description: Local authority permits were not found for the Generator Shed and Toilet Shed. The factory is required to collect the building permit from the local authority.

Observation-9: Poor condition of bamboo sheds (Doctor's Shed, Pantry Shed, Wastage Shed).



Doctor's Shed

Pantry Shed



Wastage Shed

Description: Poorly constructed bamboo sheds were observed. The building engineer is required to replace the bamboo sheds with a well-designed structure.

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Lack of design report (Production Building).	The building engineer is required to prepare the design report in compliance with BNBC and submit it to RSC for review.	within 6 weeks
2.		Implement remediation work if required.	within 6 months
3.	Possible horizontal and vertical extension (Production Building).	The building engineer is required to prepare a Detailed Engineering Assessment (DEA) report prior to conducting any horizontal or vertical expansion.	within 6 weeks
4.		The building engineer is required to follow the construction safety measures during the commencement of further extension work.	within 6 months
5.	Inadequate number of concrete cylinder test reports (Production Building).	The building engineer is required to take a minimum 4- 100mm diameter concrete core from structural elements (column and beam/slab).	within 6 weeks
6.	Poorly constructed bamboo shed over the staircase (Production Building).	The building engineer is required to replace the bamboo shed over the staircase with a well-designed structure.	within 6 weeks
7.	Exposed rebar is prone to corrosion (Production Building).	The factory is required to provide rust-proof coating on exposed rebar to protect it from corrosion.	within 6 weeks
8.	Falling hazard at roof level (Production Building).	The factory is required to provide edge protection immediately at the roof and stairs to avoid falling hazards.	within 6 weeks
9.	Inadequate member size and connection (Generator Shed).	The building engineer is required to check the member and connection adequacy as part of EA and submit it to RSC for review.	within 6 weeks
10.		Implement the recommendations of the design report.	within 6 months
11.	Lack of local authority approval drawing (Generator Shed).	The factory is required to collect the building permit from local authority.	within 6 months

Item No	Observation	Action Plan	Timeline
12.	Inadequate member size and connection (Toilet Shed).	The building engineer is required to check the member and connection adequacy as part of EA and submit it to RSC for review.	within 6 weeks
13.		Implement the recommendations of the design report.	within 6 months
14.	Lack of local authority approval drawing (Toilet Shed).	The factory is required to collect the building permit from local authority.	within 6 months
15.	Poor condition of bamboo sheds (Doctor's Shed).	The building engineer is required to replace the bamboo sheds with well-designed structure.	within 6 weeks
16.	Poor condition of bamboo sheds (Pantry Shed).	The building engineer is required to replace the bamboo sheds with well-designed structure.	within 6 weeks
17.	Poor condition of bamboo sheds (Wastage Shed).	The building engineer is required to replace the bamboo sheds with well-designed structure.	within 6 weeks