

Logos Apparels Ltd. – Unit 2 (Extension)

Telerchala, Mouchak, Kaliakoir, Gazipur

(23.978497, 90.269445)

20 December 2023



1. Building Information:

Finishing Shed: A single storied steel shed.

Utility Building: A single storied Reinforced Concrete (RC) building.

2. Observations:

Observation 1: Lack of lateral stability. (Finishing Shed)



Missing wall bracing and roof bracing



Missing compression strut

Description: Lack of lateral stability system (no compression strut, roof & wall bracing) was observed in the structure. The building engineer is required to carry out Engineering Assessment (EA) to check the lateral stability of the structure and suggest proper remedial actions accordingly. Submit the EA documents to RSC for review.

Observation 2: Lack of Geotechnical Investigation Report. (Finishing Shed)



Finishing Shed

Description: During the inspection, the geotechnical investigation report of the Finishing Shed was not found on-site. The building engineer is required to carry out soil tests according to BNBC requirements and prepare a design report based on the actual soil profile and geologic condition.

Observation 3: Lack of design documents. (Utility Building)



Utility Building

Description: As per BNBC, every building or structure designed shall have its design documents prepared following the provision of Section 1.9.1. The design document shall include a design report, a set of as-built drawings and load plans which shall be prepared in compliance with section 1.9.1.1 and section 1.9.1.2, part 6 of BNBC. During the inspection, the design report, as-built architectural drawing and load plan were not available on-site. The building engineer is required to prepare a design report and submit it to RSC for review.

Observation-4: Lack of building permit from local authority. (Finishing Shed & Utility Building)



Finishing Shed



Utility Building

Description: During the inspection, building permit from the local authority for the Finishing Shed and Utility Building was not found on-site. The factory is required to collect building permits from government-approved local authorities for these structures.

3. Action Plan:

Serial	Observation	Action Plan	Timeline
1	Lack of lateral stability. (Finishing Shed)	The building engineer is required to carry out an Engineering Assessment (EA) to check the lateral stability of the structure and suggest proper remedial actions accordingly. Submit the EA documents to RSC for review.	within 6 weeks
2	Lack of lateral stability. (Finishing Shed)	Implement remediation work if required.	within 6 months
3	Lack of Geotechnical Investigation Report. (Finishing Shed)	The building engineer is required to engage a geotechnical expert to carry out a geotechnical investigation according to BNBC requirements and prepare a design report based on the actual soil profile and geologic condition.	within 6 weeks
4	Lack of Geotechnical Investigation Report. (Finishing Shed)	Implement remediation work if required.	within 6 months
5	Lack of design documents. (Utility Building)	The building engineer is required to prepare a design report and submit it to RSC for review.	within 6 weeks
6	Lack of design documents. (Utility Building)	Implement remediation work if required.	within 6 months
7	Lack of building permit from local authority. (Finishing Shed & Utility Building)	The factory is required to collect building permits from government-approved local authorities for these structures.	within 6 months