

Advanced Composite Textile Ltd (Extension)

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(24.302037, 90.363466)

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Structural Inspection Report



1. Building Information:

Fire Pump Room	Single-storied (RC) building
Fire Control Room	Single-storied (RC) building
Security Room	Single-storied (RC) building
Finished Cartoon Godown	Single-storied steel shed
Dining & Canteen	Single-storied steel shed
Guard room	Single-storied (RC) building

2. Observation:

Observation-01: Lack of as-built drawings for all structures.



Description: As-built drawings were not available on-site. The building engineer is required to prepare the as-built drawings for all the structures.

Observation-02: Lack of lateral stability system and poor connection details. (Finished Cartoon Godown, Dining & Canteen)



Dining & Canteen Shed

Finished cartoon Godown

Description: Lack of lateral stability system (bracing & strut) and poor connection detailing were observed. As part of Engineering Assessment (EA), the building engineer is required to check the lateral stability and connection adequacy. Prepare design report with proper remedial methodology according to BNBC 1.9.1. Submit EA documents to the RSC for review. `

Observation-03: Crack on brick wall (Fire Control Room and Dining & Canteen Shed)



Description: Crack was observed on the Fire Control Room and Dining & Canteen Shed. The building engineer is required to identify the reason for the crack and repair with suitable method.

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Lack of as-built drawings for all structures.	The building engineer is required to prepare detailed and accurate as-built drawings for all the structures.	within 6 weeks
2.	Lack of lateral stability systems and poor connection details. (Finished Cartoon Godown)	As part of Engineering Assessment (EA), the building engineer is required to check the lateral stability and connection adequacy. Prepare design report with proper remedial methodology according to BNBC 1.9.1. Submit EA documents to the RSC for review.	within 6 weeks
3.		Carry out the suggested remedial works.	within 6 months
4.	Lack of lateral stability systems and poor connection details. (Dining & Canteen)	As part of Engineering Assessment (EA), the building engineer is required to check the lateral stability and connection adequacy. Prepare design report with proper remedial methodology according to BNBC 1.9.1. Submit EA documents to the RSC for review.	within 6 weeks
5.		Carry out the suggested remedial works.	within 6 months
6.	Crack on brick wall (Fire Control Room)	The building engineer is required to identify the reason for the crack and repair with suitable method.	within 6 months
7.	Crack on brick wall (Dining & Canteen Shed)	The building engineer is required to identify the reason for the crack and repair with suitable method.	within 6 weeks