

Dhaka Garments & Washing Ltd (Extension)

Dakkhin Vangnahati, Sreepur, Gazipur-1740

(24.192506, 90.457842)

18 February 2024

Structural Inspection Report

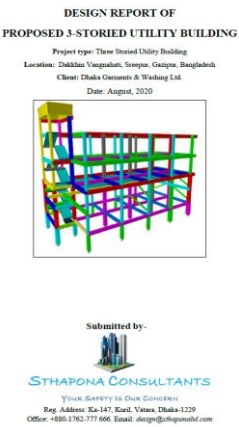


1. Building Information

Utility Building Extension: Single storied concrete building.

Chemical Building: Two storied (G+1) concrete building.

2. Observations

Observation-1: Design documents to be reviewed against lateral forces (Utility Building Extension)		
		
<u>Design report</u>		
Description: During inspection a set of design reports was available. The building engineer is required to submit the design documents to the RSC for detail review against lateral forces.		
Observation-2: Possible vertical extension of Utility Building Extension. (Utility Building Extension)		
		
Description: The building is permitted for 3 storied and constructed up-to single storey. The factory has planned to extent the building up-to 3 storey. Prior vertical extension the building engineer is required to revise the design documents based on BNBC 2020 requirement.		
Observation-3: Design documents to be reviewed against lateral forces (Chemical Building)		
		

Description: During inspection a set of design reports was available. The building engineer is required to submit the design documents to the RSC for detail review against lateral forces.

Observation-4: Falling hazard at exit way (Chemical Building)



Description: During inspection lack of railing was observed in the exit way of the building. The factory is required to provide railing to protect the falling hazard.

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Design documents to be reviewed against lateral forces (Utility Building Extension)	The building engineer is required to submit the design documents to the RSC for further review to confirm the design is satisfactory against the lateral & vertical loading.	within 6 weeks
2.	Design documents to be reviewed against lateral forces (Utility Building Extension)	Carry out suggested remedial works if required.	within 6 months
3.	Possible vertical extension of Utility Building Extension. (Utility Building Extension)	Prior vertical extension the building engineer is required to carry out Detail Engineering Assessment (DEA) based on BNBC 2020 requirement.	within 6 weeks
4.	Possible vertical extension of Utility Building Extension. (Utility Building Extension)	Carry out remedial work (if required) prior extension of the building.	within 6 months
5.	Design documents to be reviewed against lateral forces (Chemical Building)	The building engineer is required to submit the design documents to the RSC for further review to confirm the design is satisfactory against the lateral & vertical loading.	within 6 weeks
6.	Design documents to be reviewed against lateral forces (Chemical Building)	Carry out suggested remedial works if required.	within 6 months
7.	Falling hazard at exit way (Chemical Building)	Provide railing to protect the falling hazard	within 6 weeks