

ECHOKNITS LTD (EXTENSION 2)

A-99/1, Baktarpur, Kaliakoir. Gazipur

(24.0571460924, 90.2302263768)

29 April 2025

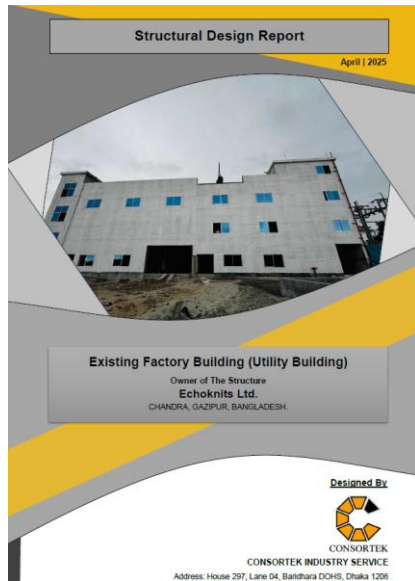


1. Building Information

- I. Single storied Production Shed (Shed No. 14) (Steel Shed).
- II. Three storied (G+2) Utility Building. (Reinforced Concrete Building).

2. Observations:

Observation-1: Design report needs to be reviewed against lateral forces (Utility Building).



Description: A design report has been prepared for the three storied Utility Building. The prepared design report needs to be reviewed against lateral forces. However, no floor load plan was found prepared. The building engineer is required to submit the design report to the RSC for detailed review.

Observation-2: Possible falling hazard at roof. (Utility Building)



Description: During inspection, few portion of parapet wall was found missing. Building engineer is required to provide the parapet walls at missing area to avoid possible falling hazard.

Observation-3: Loose nut bolts at base plates. [Production Shed (Shed 14)]



Description: During the inspection, several nut bolts at the base plates were found loose. The building engineer needs to check all base plate connections, identify the loose nut bolts, and tighten them properly.

Observation-4: Corrosion on steel member. [Production Shed (Shed 14)]



Description: During inspection, corrosion was found on base plate of steel column. The building engineer is required to repair the corroded steel members by apply protective coating.

Observation-5: Brick wall crack at toilet block. [Production Shed (Shed 14)]



Description: During inspection, crack was found at brick wall. The building engineer is required to check the extent & reason of the crack and repair accordingly.

3. Action Plan:

Item No	Observation	Action Plan	Timeline
1.	Design report needs to be reviewed against lateral forces (Utility Building).	The building engineer is required to submit the design report to the RSC for detailed review.	within 6 weeks
2.		Produce floor load plan	within 6 weeks
3.		Carry out remedial work if required.	within 6 months
4.		Continuing to implement loan plan	within 6 months
5.	Possible falling hazard at roof. (Utility Building)	Building engineer is required to provide the parapet walls at missing area to avoid possible falling hazard.	within 6 weeks
6.	Loose nut bolts at base plates. [Production Shed (Shed 14)]	The building engineer needs to check all base plate connections, identify the loose nut bolts, and tighten them properly.	within 6 months
7.	Corrosion on steel member. [Production Shed (Shed 14)]	The building engineer is required to repair the corroded steel members by apply protective coating.	within 6 months
8.	Brick wall crack at toilet block. [Production Shed (Shed 14)]	The building engineer is required to check the reason & extent of the crack and repair accordingly.	within 6 weeks