

Diganta Sweaters Ltd. (Building-3)

Naoujoor, Tangail Road, Chandana Chowrasta, Gazipur- 1702

(23.988028, 90.364929)

08 February 2026



1. Building Information

1. Building-3: This is a six-storied (G+5) RC building

2. Observation:

Observation-1: Design report required to be reviewed by RSC for lateral loading. (Building-3)



Building-3

Description: A complete set of design documents was available for Building-3. The building engineer is required to submit the documents to RSC for review.

Observation-2: Lack of design documents. (Connecting bridge)



Steel connecting bridge between building 2 & 3

Description: As per BNBC, every building or structure designed shall have its design documents prepared following the provisions of Section 1.9.1. The design document shall include a design report and a set of structural drawings, prepared in compliance with sections 1.9.1.1 and 1.9.1.2 as per BNBC.

At the time of inspection, the design documents were not available. The building engineer is required to prepare the design documents in compliance with Section 1.9.1 (Part 6) of the BNBC and submit them to RSC for review.

Observation-3: Door opening without a lintel. (Building-3)



Description: A door opening was found without a lintel on the 1st floor.

The building engineer is required to provide a lintel over the door opening; alternatively, the brick infill above the opening must be removed.

Observation-4: Bolt missing. (Building-3)



Description: Bolts are missing in several connections of the steel connecting bridge. Building engineer is required to install the missing bolts where necessary.

Observation-5: Column susceptible to vehicle impact. (Building-3)



Description: The part of the ground floor of this building is used as an internal road. So, columns in the ground floor area are susceptible to vehicle impact. The building engineer is required to provide separate barriers around the column to prevent vehicle impact.

Observation-6: Non-structural elements not anchored or braced. (Building-3)



Description: Some racks on floors are not anchored or braced to resist lateral (earthquake) forces. The factory is required to anchor/brace all non-structural elements adequately to resist earthquake forces.

3. Action Plan:

Item No.	Observation	Action Plan	Timeline
1.	Design report required to be reviewed by RSC for lateral loading. (Building-3)	The building engineer is required to submit the documents to RSC for review.	within 6 weeks
2.		Carry out suggested remedial works (if required)	within 6 months
3.	Lack of design documents. (Connecting bridge)	The building engineer is required to prepare the design documents in compliance with Section 1.9.1 (Part 6) of the BNBC and submit them to RSC for review.	within 6 weeks
4.		Carry out suggested remedial works (if required)	within 6 months
5.	Door opening without a lintel. (Building-3)	The building engineer is required to provide a lintel over the door opening; alternatively, the brick infill above the opening must be removed.	within 6 weeks
6.	Bolt missing. (Building-3)	Building engineer is required to install the missing bolts where necessary.	within 6 weeks
7.	Column susceptible to vehicle impact. (Building-3)	The building engineer is required to provide separate barriers around the column to prevent vehicle impact.	within 6 weeks
8.	Non-structural elements are not anchored or braced. (Building-3)	The factory is required to anchor/brace all non-structural elements adequately to resist earthquake forces.	within 6 weeks