

Nextgen Style Ltd. (Relocated)

Tingaon, Duptara, Araihaaz, Narayangonj-1460

(23.784875, 90.594069)

3 July 2024



1. Building Information

(Building-1) Production Building: The structure is a four-storied (G+3) reinforced concrete (RC) structure.

(Building-2) Generator & Substation Building: The structure is a single storied RC building.

(Building-3) Boiler, Compressor & Fire Alarm Control Room: The structure is a single storied RC building.

(Building-4) WTP Building: The structure is a single storied RC building.

(Building-5) Fire Pump Room: This is a single-storied RC basement structure.

2. Observations

Observation-1: Absence of design report (Production Building).



Description: As per BNBC, every building or structure shall have its design documents prepared in accordance with the provision of Section 1.9.1. The design document shall include a design report, and a set of structural drawings, which shall be prepared in compliance with section 1.9.1.1 and section 1.9.1.2 as per BNBC. At the time of inspection, the design report was not available, which is required to be prepared in compliance with section 1.9.1 (part-6, BNBC-2006).

Observation-2: Dampness on the exterior façade, exterior face of column. (Production Building).



Description: Dampness was found on the exterior façade, exterior face of column (south-west corner). The building engineer is required to seal the source of water and repair the dampness with a suitable method.

Observation-3: Nonstructural elements (storage racks) found not anchored/braced (Production Building).



Description: Nonstructural elements (storage racks) were found not anchored/braced. The building engineer is required to anchor/brace all nonstructural elements within the factory.

Observation-4: Water ponding on roof slab (Production Building, Boiler-Compressor-Fire Alarm Control Room, Generator & Substation Room).



Description: Water ponding was found at Production Building, Boiler-Compressor-Fire Alarm Control Room, and Generator & Substation Room. The building engineer is required to improve the drainage system on the roof by providing proper slope, adequate number of water outlets and water proofing (if MCAC of roof slab).

3. Action Plan

Item No.	Observation	Action Plan	Timeline
Production Building			
1.	Absence of design report (Production Building).	The building engineer is required to prepare a design report in compliance with section 1.9.1 (part-6, BNBC-2006).	within 6 weeks
2.	Absence of design report (Production Building).	Implement remediation work if required.	within 6 months
3.	Dampness on the exterior façade, exterior face of column (Production Building).	The building engineer is required to seal the source of water and repair the dampness with a suitable method.	within 6 weeks
4.	Nonstructural elements (storage racks) found not anchored/braced (Production Building).	The building engineer is required to anchor/brace all nonstructural elements within the factory.	within 6 months
Production Building, Boiler-Compressor-Fire Alarm Control Room, Generator & Substation Room			
5.	Water ponding on roof slab (Production Building, Boiler-Compressor-Fire Alarm Control Room, Generator & Substation Room).	The building engineer is required to improve the drainage system on the roof by providing proper slope, adequate number of water outlets and water proofing (if MCAC of roof slab).	within 6 weeks