

Probridhi Apparels Ltd (Extension)

Kawya, Chonnapara, Sreepur, Gazipur

(24.202197, 90.429384)

28 April 2024



1. Building Information

Main Building-2: This is a two-storied structure (a combination of reinforced concrete (RC) and prefabricated steel).

Security & RMS Room: Single-storied Structure. The RMS part is a RC structure and Security part is a shed.

Compressor Room: Single-storied shed.

Fire Pump Room: Single-storied basement structure (RC).

2. Observations

Observation-1: Lack of lateral stability (Main Building-2).



Description: Tie beam is provided along the periphery only but no-load transfer media is provided for the internal frame. Besides, roof bracing is not provided. The building engineer is required to check the lateral stability of the structure. Also, verify and check the connection adequacy of corbel/steel rafter.

Observation-2: Non-structural elements found not anchored/braced (Main Building-2).



Description: Non-structural elements found not anchored/braced. The building engineer is required to brace/anchor all nonstructural elements including storage racks within the factory.

Observation-3: Lack of as-built drawing (Compressor Room)



Description: At the time of inspection as-built drawing was not available for the structure. The building engineer is required to produce as-built drawing.

3. Action Plan

Observation	Action Plan	Timeline
Main Building-2		
Lack of lateral stability (Main Building-2).	The building engineer is required to check the lateral stability of the structure. Also, verify and check the connection adequacy of corbel/ steel rafter.	within 6 weeks
Lack of lateral stability (Main Building-2).	Implement remediation work if required.	within 6 months
Nonstructural elements found not anchored/braced (Main Building-2).	The building engineer is required to anchored/braced all nonstructural elements.	within 6 weeks
Compressor Room		
Lack of as-built drawing (Compressor Room)	The building engineer is required to produce as-built drawing.	within 6 weeks