Pole Star Knit Composite Ltd.

Noibari, Pubail, Gazipur City Corporatoin, Gazipur.

(23.93377535, 90.45039120)

11 January 2024

RSC RMG SUSTAINABILITY COUNCIL

Level 5, Shanta Forum, 187, 188/B,
Bir Uttam Mir Shawkat Sarak, Tejgaon,
Dhaka- 1208, Bangladesh
PABX : +880 2 41081863-6
www.rsc-bd.org

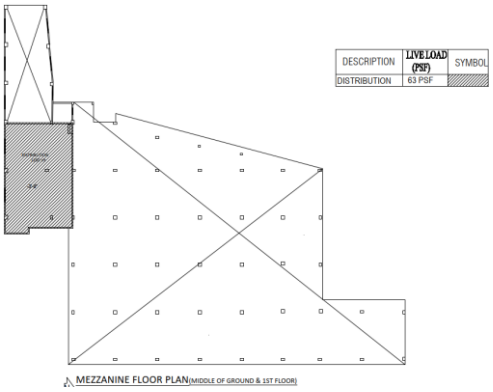
Building Information

1. Production Building is a six-storied (B+G+M+4) reinforced concrete building including one semi basement.
2. Boiler is a single storied RC structure.
3. Hydrant room is a two-storied RC structure including a rooftop shed.

Stair

1. Observations

Observation-1: Uncontrolled floor loading. (Production Building).



Description: Uncontrolled storage found on the Mezzanine floor. The building engineer is required to implement a floor load management program including posting the accepted floor load plan, marking the area & height of storage and maintaining floor loading accordingly.

Observation-2: Crack and dampness on brick wall. (Production Building).

Description: During inspection, crack and dampness on the brick wall surface (Production Building). The building engineer is required to investigate the extent of dampness and repair with a suitable method.

Observation-3: Lack of anchorage/braced of non-structural elements. (Production Building)

Description: During inspection, non-structural elements (Racks) were found not anchored & unbraced. The factory is required to brace/anchor all the non-structural elements.

Observation-4: Lack of as-built drawing. (Boiler room)

Description: As-built drawing of the structures was not available on-site. The building engineer is required to prepare as-built drawing of the structure.

Observation-5: Absence of design documents. (Hydrant room).

Description: A parking area was observed over the underground water reservoir tank of fire hydrant. During inspection, the design report and as built structural drawing was not available on site.
The building engineer is required to prepare a set of design documents including as built drawings, live load plan at roof and a design report based on in-situ material strength and software-based analysis which shall be prepared in compliance with section 1.9.1, part-6 of BNBC.

2. Action Plan

SL NO.	Observation	Action Plan	Timeline
1.	Uncontrolled floor loading. (Production Building).	The building engineer is required to develop a floor load management program including posting the accepted floor load plan, marking the area & height of storage, and maintaining floor loading accordingly.	within 6 weeks
2.	Uncontrolled floor loading. (Production Building).	Implement remediation work if required.	within 6 months
3.	Crack and dampness on brick wall. (Production Building).	The building engineer is required to investigate the extent of dampness and repair with a suitable method.	within 6 weeks
4.	Lack of anchorage/braced of non-structural elements. (Production Building)	The factory is required to brace/anchor all the non-structural elements.	within 6 months
5.	Lack of as-built drawing. (Boiler room)	The building engineer is required to prepare as-built drawing of the structure.	within 6 weeks
6.	Absence of design documents. (Hydrant room).	The building engineer is required to prepare a set of design documents including as-built drawings, live load plan at roof and a design report based on in-situ material strength and software-based analysis which shall be prepared in compliance with section 1.9.1, part-6 of BNBC.	within 6 weeks
7.	Absence of design documents. (Hydrant room).	Implement remediation work if required.	within 6 months