

INITIAL FIRE SAFETY INSPECTION REPORT

MAWNA FASHIONS LTD (EXTENSION)

RSC ID: 25871

ADDRESS: Tepirbari, Sreepur, Gazipur-1740, Bangladesh.

Google Coordinate: 24.248042, 90.427258

Other Factories: MAWNA FASHIONS LTD. (ID: 11954)



Inspected By: Md. Ferdaus Jaman and Protik Kumar Das

Date: 18th December 2024

Fire Safety Inspection Report

MAWNA FASHIONS LTD (EXTENSION) (ID: 25871)

Introduction:

MAWNA FASHIONS LTD (EXTENSION) (ID: 25871) complex was surveyed for fire safety on **18-December-2024** by The RSC Inspection Team. The purpose of the survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the RSC. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The inspection did not include identification of minor deficiencies, which will be further addressed as part of follow-up inspections.

Limitations

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The RSC cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.

General Factory Information

There are total 6 structures in the factory compound, among them 5 structures (Building 1: Production building and office-8 storied, Building 2: Production and office-3 storied, Building 3: Utility and energy building-3 storied, Building 4: Fire Pump Room, and Building 5: Security room, Fire command station) were previously covered under RSC ID-11954 and the Single Storied Pre-fab Fabric Store Shed (G) with a small adjacent chemical shed is covered under this ID-25871.

SL No	Name of Building/Structure	Construction Date	Occupied Date	Approval Authority & Date	Structure/Construction type (with per floor area)	Construction Period
1	Single Storied Pre-fab Fabric Store Shed (G) with a small adjacent chemical room	February-2022 to December-2022	Jan-23	LGED, on 10-October-2022	Shed (9328 sft/ 867 sqm)	New

Factory Address: Tepirbari, Sreepur, Gazipur-1740, Bangladesh.

Points of contact:

1. Name: Abu Noman Designation: Sr. Manager-Compliance Contact No: +88017 1336 5407 Email: noman@dbl-group.com	2. Name: Md. Elias Khan Designation: Deputy Manager-Utility Contact No: +8801704 112 812 Email: elias.utility@dbl-group.com
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Findings & Recommendations :

Table 1 summarize the fire safety non-compliant issues identified during the inspection. Recommendations have been provided to address each issue with specific remediation timeline. An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the RSC for review.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Single Storied Pre-fab Fabric Store Shed (G): The main structural elements of factory buildings (H2) are constructed by steel which is non-rated structure and were found in exposed condition without any fire protection. As per the RSC Technical Guidelines (Standard) 1.5.4 this building is defined as new building, so fire protection shall be provided for the structural elements of the building following section 3.5.2 of the RSC Technical Guidelines (Standard) V1.0.	For new construction, the building shall be Group 1 or Group 2 construction as required in BNBC 2020 Part 3 Table 3.2.4. So, provide require rating for the structural elements of the building following BNBC 2020-Table 3.2.4, 3.1.7 and 3.3.1 Factory shall ensure that, all the design, datasheet, certificate (if applicable), and the design-philosophy has been reviewed from the RSC prior to install the passive fire protection system.	Within 6 months



F-2	Means of egress	Single Storied Pre-fab Fabric Store Shed (G): The building did not have occupant load signs at the required locations.	Provide occupant load signs at the required locations.	Within 2 weeks
F-3	Means of egress	Single Storied Pre-fab Fabric Store Shed (G): Fire evacuation maps are not posted at the entrance to each exit.	Fire evacuation maps shall be posted at the entrance to each exit stair.	Within 1 month

F-4	Egress Lighting	Single Storied Pre-fab Fabric Store Shed (G): The directional signs are not provided where there is a change in direction and where the continuation of the egress path is not obvious. Location: On ground floor of fabric store shed.	Install illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 1 month
				
F-5	Egress Lighting ITM	Single Storied Pre-fab Fabric Store Shed (G): Inspection, testing, and maintenance for the emergency lighting system were not in accordance with The RSC Technical Guidelines (Standard).	Inspect, test and maintain the emergency lighting system in the accordance with The RSC Technical Guidelines (Standard) and keep written records on-site.	Within 1 month

F-6	Fire Alarm & Detection system	Single Storied Pre-fab Fabric Store Shed (G) with adjacent chemical room: Automatic fire alarm and detection system installation complete which requires detailed review to confirm compliance with NFPA 72 and The RSC Technical Guidelines (Standard).	Submit the fire alarm system design to the RSC for review. Once the design is reviewed, install and modify the fire detection and alarm system throughout the buildings in accordance with review comment, the RSC Technical Guidelines (Standard) and NFPA 72. After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing. Also inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72.	Design Review within 2 months and installation within 4 months
  				

F-7	ITM of Fire Alarm & Detection system	Single Storied Pre-fab Fabric Store Shed (G) with adjacent chemical room: Inspection, testing and maintenance for the fire alarm system is not in accordance with NFPA 72 and The RSC Technical Guidelines (Standard).	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with NFPA 72 and The RSC Technical Guidelines (Standard) and keep written records on-site	Within 1 month (after installation)
F-8	No smoking signs	The required no smoking signs are not present in the factory.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs	Within 1 month