

INITIAL FIRE SAFETY INSPECTION REPORT

Supreme Stitch Ltd. (Extension)

RSC ID: 25496

**West Shaildube, Kashimpur, Gazipur-1700, Dhaka, Bangladesh.
23.965142674404497 & 90.30682765015466**

Other Factories: Supreme Stitch Ltd.(ID: 10018)



Inspected By: Yusuf Ahmed

Date: 22-Feb-2024

Fire Safety Inspection Report

Supreme Stitch Ltd. (Extension)

Introduction:

Supreme Stitch Ltd. (Extension) complex was surveyed for fire safety on **22 February 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

Factory Building name(s):

1. Fabric Store Shed: Single storied steel shed with mezzanine.

Factory Address: West Shaildube, Kashimpur, Gazipur-1700, Dhaka, Bangladesh.

Findings & Recommendations :

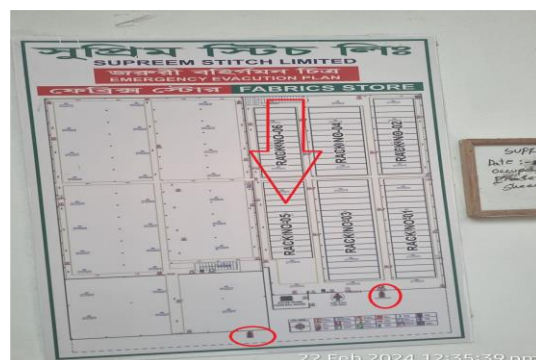
Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue. An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions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

Table-1:

Sl No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	The main structural element of the Fabric Store Shed is steel which is non-rated & the steel members were found in exposed conditions without any fire protection.	The building shall be Type 1 or Type 2 construction as required in BNBC 2006 Part 3 Table 3.2.4. So, provide required rating for the structural elements of the building following BNBC 2006-Table 3.2.4, 3.1.9 and 3.3.1. Factory shall ensure that, all the design, datasheet, certificate, and the design-philosophy has been reviewed by the RSC prior to install the structural fire protection system.	Within 6 months
				

2	Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed.	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
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3	Means of Egress	The travel distance to reach an exit exceeded 30 meters.	Reconfigure the egress arrangement to reduce the maximum travel distance to not more than 30 meters. Travel distance limitations for G2 (RMG factories) shall be increased to 60 m (200 ft) where a complete automatic fire detection system, portable fire extinguishers, and standpipe system are provided in accordance with the RSC Technical Guidelines (Standard). Travel distance limitations for G2 (RMG factories) shall be increased to 122 m (400 ft) where a complete automatic sprinkler system, automatic fire alarm system, and portable fire extinguishers are provided in accordance with the RSC Technical Guidelines (Standard).	Within 2 months
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4	Egress Lighting ITM	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
5	Fire Alarm & Detection System (FADS)	The fire alarm and detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standard.	Submit the fire alarm system design to 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, 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.	Design Review within 2 months and installation/modification within 4 months



6	ITM of Fire Alarm & Detection System (FADS)	Inspection, testing and maintenance for the fire detection and alarm system was not in accordance with the NFPA 72 standard.	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with table 14.3.1 of NFPA 72.	Within 1 month
7	ITM of Fire Extinguisher	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10.	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10 and The RSC Technical Guidelines (Standard).	Within 1 month