

INITIAL FIRE SAFETY INSPECTION REPORT

Muazuddin Textile Ltd. (Sheds)

RSC ID: 24287

235/236, EAST CHANDURA, SHOFIPUR, KALIAKOR, GAZIPUR

Geographical Coordinates of factory building: 24.033494, 90.271814

Other Factories: Muazuddin Textile Ltd._9998, Muazuddin Knit Fashion (new)_12622,
Muazuddin Knit Fashion Limited_10862, Muazuddin Textile Limited New Unit_23225



Inspected By: Md. Zahidul Islam & Yusuf Ahmed

Date: 16-11-2021

Fire Safety Inspection Report

Factory Name: Muazuddin Textile Ltd. (Sheds)

Introduction:

Muazuddin Textile Ltd. (Sheds). complex was surveyed for fire safety on 16/11/2021 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.

Findings & Recommendations :


The below table summarizes the major fire safety issues identified during the inspection of main building. 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.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Egress	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 3 months
F-2	Egress	Common path of egress travel exceeds 23 m. Location: Tumble Shed Occupancy/Process: G2	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 23m.	Within 3 months



F-3	Egress	Headroom is found less than 6 feet 8 inches when occupant passing through ground floor of 7 storied building. [Knitting shed]	All means of egress shall have a minimum ceiling height of 2.3 m (7 ft 6 in.) with projections from the ceiling not less than 2.03 m (6 ft 8 in.). The minimum ceiling height shall be maintained for at least 2/3 of the space or room as long as the remaining area shall be not less than 2.03m (6 ft 8 in.). Headroom on stairs shall not be less than 2.03 m (6 ft 8 in.).	Within 3 month
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F-4	Egress	Abrupt change in elevation of walking surface was more than 1/4 in. [Shed 09-Knitting shed]	Abrupt changes in elevation of walking surfaces shall not exceed 1/4 in. (6.3 mm). Changes in elevation exceeding 1/4 in. (6.3 mm), but not exceeding 1/2 in. (13 mm), shall be beveled with a slope of 1 in 2. Changes in elevation exceeding 1/2 in. (13 mm) shall be considered a change in level and shall be subject to the requirements of 7.1.7. [NFPA 101, 2015]	Within 3 month
				
F-5	Egress	Floor no., occupant load, stair designation sign were not present in the exit stairs	Provide floor no., maximum & present occupant load, stair designation sign in every stair in all floors	within 1 month
F-6	Fire Alarm & Detection system	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and Accord Standard.	Submit as build drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval.	Design within 4 months, Install within 6 months
F-7	ITM of Fire Alarm & Detection system	Inspection, testing and maintenance for the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with NFPA 72 and ACCORD standards.	Within 1 month (after installation)

F-8	ITM of Fire Extinguishers	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 ACCORD standards.	Within 3 month
F-9	Emergency Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 3 month
F-10	ITM of Emergency light and Exit Sign	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 month