

FIRE SAFETY INSPECTION REPORT

Refat Garments Ltd. (Extended Building)

Factory ID: 24150

144,147,148,152,154 Noroshingapur, Ashulia, Savar, Dhaka

23.92978537322443, 90.3038073135029

Other Factories in the Building: Express Washing & Dyeing Ltd. and Apparel Gallery Ltd.



Inspected by: Md. Rakibul Alam & Nainin Nowrose

Date: 1 June 2021



Fire Safety Inspection Report

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Introduction

Refat Garments Ltd. (Extended Building) complex was surveyed for fire safety on 1 June 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.

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. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Protection	The fire alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval/acceptance test.	Within 3 months
 				
F-2	Fire Protection	The fire pump set installation requires detailed review to confirm compliance with NFPA 20 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval/acceptance test.	Within 3 months

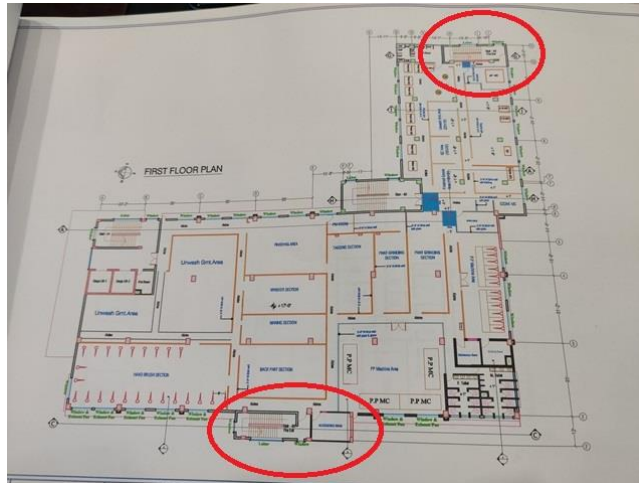




F-3	Fire Protection	The firefighting system (sprinkler & standpipe) installation requires detailed review to conform compliance with NFPA 13, NFPA 14.	Submit as built drawing, testing records, equipment certification and all relevant documents to the RSC for review, approval and acceptance test.	Within 3 months
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F-4	Egress	Width of exit stairs is less than 1.5 m (60 in.) (Stair-3 & Stair-4).	Provide exit stair minimum clear and unobstructed width of 1.5 m (60 in.) in accordance with Accord standard 6.5.6.2.1.	Within 4 months
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F-5	Egress	Elevator shaft is provided adjacent to the exit stair enclosure and open to exit stair enclosure.	Modify the elevator and stair enclosure arrangement in a way to satisfy Accord standard 6.14.3. Elevator shall not open into an exit enclosure. Elevator shaft shall be 2-hr fire rated and 1.5-hr fire rated opening protection from factory floor.	Within 4 months
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F-6	Egress	Exit discharge path from compressor building 1st floor is not slip resistant due to water logging.	Level the exit discharge path to ensure smooth and safe evacuation from 1st floor and ensure that the path is slip resistant.	Within 1 month
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F-7	Fire Rated Construction	Exterior exit stairs are not properly separated from the building. (Main building and compressor building)	Exterior exit stairs shall be separated from the building with a rating requirement of 2-hr. fire rating for 4 or more store building. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structures.	Within 2 month
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