

FIRE SAFETY INSPECTION REPORT

Apparel Gallery Ltd. (Extended Building)

Factory ID: 24149

144, 147, 148 Noroshingapur, Ashulia, Savar, Dhaka, Bangladesh.

23.929555, 90.306205

Other Factories in the Building: That's It Sports Wear Ltd. and Refat Garments Ltd.



Inspected by: Md. Rakibul Alam & Nainin Nowrose

Date: 24 May 2021



Summary

Apparel Gallery Ltd. (Extended Building) complex was surveyed for fire safety on 24 May 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.

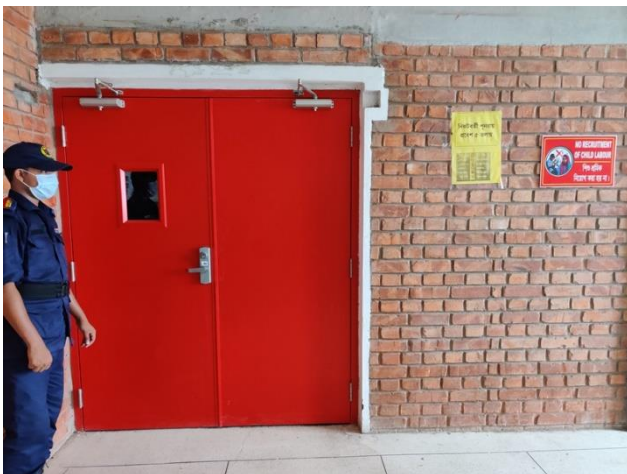
An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the RSC for approval.



Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
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F-1	Fire Rated Construction	Storage from all floor discharges directly into the exit stair discharge.	Openings from exit enclosure to storage room, generator and transformer spaces shall be provided with a vestibule with fire rated construction and openings. Provide a 1.5 hr. fire rated door on the exit stair side and a 1-hr. fire rated door on the Store, generator, sub-station room side. Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure.	Within 3 months
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F-2	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
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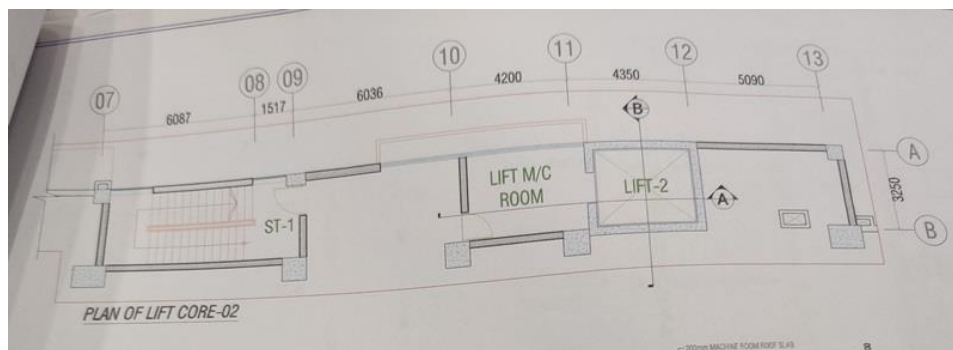
F-3	Fire Protection	The fire pump set installation requires detailed review to confirm compliance with NFPA 20 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval/acceptance test.	Within 3 months
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F-4	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-5	Egress	Width of exit stairs is less than 1.5 m (60 in.) (S-W and S-E stairs).	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-6	Egress Lighting	Exit signage not illuminated (burned out, broken, etc.). (Ground floor S-E exit)	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs. The source of illumination shall provide not less than 50 lux at the illuminated surface with a contrast of not less than 0.5. Approved self-luminous signs which provide evenly illuminated letters having a minimum luminance of 0.2 cd/m ² may also be used.	Within 1 month
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F-7	Egress Lighting	Exit signage was not provided at several exits / along the path of egress / in a readily visible location. (2 nd floor office and relaxation room)	Provide exit signs above all building exits to the exterior, all doors to the exit stairs and along all paths of travel where a change of direction is not obvious.	Within 1 month
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F-8	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
F-9	Egress	A single means of egress is provided from 2nd floor office section and fabric relaxation section.	Ground or basement story is allowed a maximum of 50 occupants and 23 m (75ft) travel distance. The second story is allowed a maximum of 30 occupants and 23 m (75ft) travel distance. All other stories require a minimum of 2 egress exits. Provide additional means of egress from 2nd floor office section and fabric relaxation section.	Within 3 months



F-10	Egress	S-W exit discharge path is not even and smooth.	Level the exit discharge path to ensure smooth and safe evacuation from the S-W exit.	Within 1 month
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