

FIRE SAFETY INSPECTION REPORT

BABYLON CASUALWEAR LTD & ABONI FASHION (Extension)

Factory ID: 24586

Plot 23,24,25, Tetuljhora, Hemayetpur, Savar, Dhaka-1340.

23°47'32.7"N 90°15'19.1"E

Other Factories in the Building: None



Inspected by: Md. Rakibul Alam & Md. Khalaquzzaman

Date: 30 January 2023



Fire Safety Inspection Summary Report

BABYLON CASUALWEAR LTD & ABONI FASHION (Extension)

Summary

BABYLON CASUALWEAR LTD & ABONI FASHION (Extension) complex was surveyed for fire safety on 30 January 2023 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.



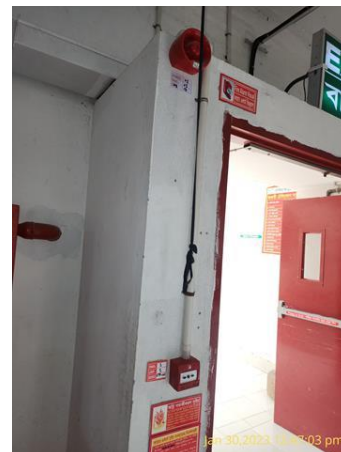
Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Protection	The fire pump set installation requires detailed review to confirm compliance with NFPA 20 and RSC Technical Guidelines (Standard).	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and then acceptance test.	Within 3 months
 				
F-2	Fire Protection	The firefighting system (standpipe system) installation requires detailed review to conform compliance with NFPA 14. (Building-2 & 3)	Submit as built drawing, testing records, equipment certification and all relevant documents to the RSC for review, approval and then acceptance test.	Within 3 months



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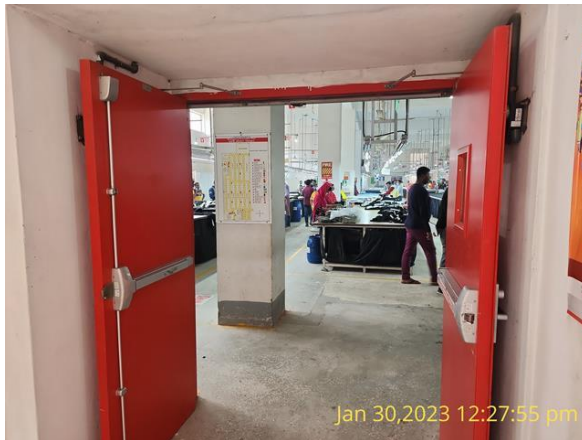
F-3	Fire Protection	The fire alarm and detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and then approval/acceptance test.	Within 3 months
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BABYLON CASUALWEAR LTD & ABONI FASHION (Extension)

F-4	Fire Rated Construction	Exit doors are provided with 2 hr fire rated doors however fire door accessories are not working as required.	Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr fire-rated construction. Provide minimum 1.5- hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation (10" wall). Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies. If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets RSC 6.8.3.1.	Within 1 month
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F-5	Fire Rated Construction	Areas on ground floor used for combustible storage open to the factory are not properly defined and/or not within limits.	Provide defined storage areas and limit the storage arrangement as follows:	Within 2 months
			Maximum height of 2.45m (8 ft) and maximum area of 23 m ² (250 ft ²).	
			If sprinkler protected: maximum height of 3.66m (12 ft) and maximum area of 93m ² (1000 ft ²).	
			Separate the areas of unenclosed combustible storage by a minimum clear distance of 3 m (10 ft).	



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F-6	Egress	Exit discharge path from building-4 is not connected to the road and not leveled surface.	Level the exit discharge path to ensure smooth and safe evacuation from building 4 and ensure that the path is slip resistant.	Within 1 month
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F-7	Fire Rated Construction	Unsealed utility pipe and riser penetration is located in the fire-rated floor/ceiling assemblies	Penetrations of fire resistive rated assemblies shall be protected with listed through penetration fire stop system tested in accordance with ASTM E814 in accordance with RSC standard 4.7.	Within 3 months
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F-8	Egress	The width of egress aisles is less than 36-in. at 1st and 3rd floor. (Reduced by box/table)	Provide minimum aisle widths of 36-in. Egress shall be free and unobstructed.	Within 1 months
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