

FIRE SAFETY INSPECTION REPORT

Blue Planet Fashion Wear Ltd.

ACCORD ID: 23415

**Address: Kewa, Sreepur, Gazipur-1740.
(24.218845, 90.422563)**

Other Factories: None



Inspected By: Nirmal Chandra Sinha

Date: 13 January 2019

Fire Safety Inspection Report

Factory Name: Blue Planet Fashion Wear Ltd.

Introduction:

Blue Planet Fashion Wear Ltd. complex was surveyed for fire safety on 13 January 2019 by The Accord 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 Accord. 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 & 2 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 Accord for approval.



Table-1: Findings And Recommendations (Factory Building)

SI No.	Category	Finding	Recommendation	Remediation Time Frame
F-1	Fire Rated Construction	Process goods and store room used for combustible storage are not separated by fire rated construction from production area on several floors.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) and maximum area of 23m ² (250 ft ²) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m ² (1000 ft ²) Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 months
 				



F-2	Fire Rated Construction	Unsealed electrical and lift shafts are located in the fire-rated floor/ceiling assemblies.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level and seal all penetrations in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
 				
F-3	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire rated construction.	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 for buildings that are 4 or more stories. Seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. 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 ACCORD standard 6.8.3.1.	Within 3 months





F-4	Egress	Storage (Locker) was located in exit stair enclosure on ground floor.	Remove all storage (obstructions) from exit stairs and egress paths.	Immediately
				
F-5	Fire Detection	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit installed addressable fire alarm system as-built drawing, testing records, equipment certification and other relevant documentation to the ACCORD for review.	Design submission within 2 months, install within 4 months (if modification required)





F-6	Fire Detection	Inspection, testing, and maintenance for the fire alarm system were 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.	Within 1 month (after installation)
F-7	Fire Protection	Automatic Sprinkler system installation requires detailed review to confirm compliance accordance with NFPA 13, 14 & 20 and ACCORD standards.	Submit sprinkler system as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review.	Design submission within 2 months, install within 6 months (if modification required)





F-8	Fire Protection	Inspection, testing and maintenance of the sprinkler system is not in accordance with NFPA 25.	Inspect, test and maintain the sprinkler system and keep written records on-site, in accordance with NFPA 25.	Within 1 month (after installation)
F-9	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 months





Table-2: Findings And Recommendations (Facility Building)

SI No.	Category	Finding	Recommendation	Remediation Time Frame
F-1	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire rated construction.	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 for buildings that are 4 or more stories. Seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. 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 ACCORD standard 6.8.3.1.	Within 3 months
 				



F-2	Egress	Storage (Locker) was located in exit stair enclosure on ground floor.	Remove all storage (obstructions) from exit stairs and egress paths.	Immediately
				
F-3	Fire Detection	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit installed addressable fire alarm system as-built drawing, testing records, equipment certification and other relevant documentation to the ACCORD for review.	Design submission within 2 months, install within 4 months (if modification required)
				



F-4	Fire Detection	Inspection, testing, and maintenance for the fire alarm system were 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.	Within 1 month (after installation)
F-5	Fire Protection	Standpipe system installation requires detailed review to confirm compliance accordance with NFPA 14 & 20 and ACCORD standards.	Submit standpipe system as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review.	Design submission within 2 months, install within 4 months (if modification required)
 				
F-6	Fire Protection	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25.	Within 1 month (after installation)

