

INITIAL FIRE SAFETY INSPECTION REPORT

FASHION.COM LIMITED

RSC ID: 24071

25/2, Durgapur, Kathgora, Zirabo, Ashulia, Savar, Dhaka-1341.

Other Factories: None



Inspected By: Pantha Pallob Das & Nainin Nowrose

Date: 01 November 2020

Fire Safety Inspection Report

Factory Name: Fashion.Com Limited

Summary:

Fashion.Com Limited complex was surveyed for fire safety on 01/11/2020 by 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 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 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.

Findings & Recommendations :

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:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The substation room on the ground floor discharges directly into exit stair enclosure and the installed fire rated door was not functional as required.	Provide 2 hr fire rated vestibule to separate the exit enclosure from substation room or redirect the door opening of substation room avoiding stair enclosure. The penetrations for cable duct shall be sealed with fire rated sealer. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.	Within 3 months



F-2	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction. Location: Packing section	Separate the dedicated storage rooms by minimum 1-hr fire-rated construction. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier 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 23m2 (250 ft2) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m2 (1000 ft2). Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 months
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F-3	Fire Rated Construction	Elevator shafts are directly open into production floor without proper fire separation (Door openings are not 1.5 hr fire rated).	Ensure minimum 1.5-hr fire rating for the door openings of elevator shafts.	Within 3 months
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F-4	Fire Rated Construction	The fire pump room is not provided with adequate fire separation with wastage store room.	Provide fire pump room with 2 hr rated fire separation when non sprinklered and 1 hr rated fire separation when provided with automatic sprinklers in accordance with NFPA 13.	Within 3 months
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F-5	Fire Rated Construction	Dinning and prayer room is separated with adjacent store room on 4th floor but only one exit have direct access to stair enclosure (stair-2) other exit is through store room which is prohibited.	Provide minimum 2-hr fire rated facility to get access to stair-1 avoiding hazardous area like store. The facility shall not to stair-3 as this is not considered as emergency exit stair.	Within 3 Months
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F-6	Egress	Exit capacity is not adequate for the occupant load. The capacity was 420 but available load was 460. Location: Sewing floors.	Reduce occupant load immediately to not more than available exit capacity (420). Provide additional exits in the future to increase exit capacity.	Immediately
F-7	Egress Lighting	Manual on-off switch is provided for emergency lighting / exit signage in few locations..	Remove manual on/off switches from exit signage units to prevent them from being switched off.	Within 1 month
				

F-8	Fire Alarm & Detection system (FADS)	The addressable fire detection and alarm system is installed for the building during inspection there faults/trouble were visible in the FACP. The compliance level shall be verified as per relevant Standard.	Submit the Fire Detection and Alarm system design to RSC for review and modify the system as per the recommendation. The equipment shall be listed and 3rd party certified. The installation shall be as per NFPA -72.	Design submission within 1 month and installation modification within 3 months.
				
F-9	ITM of Fire Alarm & Detection system (FADS)	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.	Within 1 month after installation.

F-10	Water Based Fire Protection System (Standpipe System).	The highest occupied floor of existing building is more than 10 m (33 ft.) above grade where standpipe system is mandatory and installed but the compliance level shall be verified as per relevant Standard.	Submit the standpipe system design to RSC for review and modify the system as per recommendation. The equipment shall be listed and 3rd party certified. The installation shall be as per NFPA-14, 20, 22 and 24. Provide sprinkler system for the fire pump room as per NFPA-13 (Extra Hazard Group-II).	Design submission within 1 month and installation modification within 3 months.
				
F-11	ITM of Standpipe System (SUPS).	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.

F-12	ITM of Fire Pump (SUPS).	Inspection, testing and maintenance of the fire pump is not in accordance with NFPA 25.	Inspect, test and maintain the fire pump and keep written records on-site, in accordance with NFPA 25.	Within 1 month.
F-13	ITM of Fire Extinguisher	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.	Within 1 month