

FIRE SAFETY INSPECTION REPORT

Factory Name: Loopdot Fashion Ltd.

ACCORD ID: 23832

**Basil, Hazir Bazar, Bhaluka, Mymensingh
24.363467, 90.386124**

Other Factories: None



**Inspected By: Md. Anayet Hossain, Md. Zahidul Islam
Date: 11th September, 2019.**

Fire Safety Inspection Report

Factory Name: Loopdot Fashion Limited.

Introduction:

Loopdot Fashion Limited. complex was surveyed for fire safety on 11/09/2019 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.

Limitations

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The Accord cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.



Findings & Recommendations :

Table-01:

Table 1 summarizes the major fire safety issues identified during the inspection of main building. 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.



Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Fire Rated Construction	The exit stair enclosures are not separated from work areas and other spaces on each floor by fire-rated construction.	The exit stair enclosure shall be provided with a minimum 1-hr fire resistance rating for buildings with 3 or fewer stories and a minimum of 2- hr. fire resistance rating for buildings 4 or more stories. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction for building with 3 or fewer stories. Provide 1.5 hr. fire rated door and seal all penetrations and openings by 2 hr. fire rated fire rated barrier construction for building with 4 or more stories. Provide a fire-resistive rated assembly between the exterior exit stairs and the building up to 10 ft. beyond the end of the stair to achieve the required separation. The rated assembly shall be approved and/or designed by a qualified fire protection engineer. 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.	Within 3 months



F-02	Fire Rated Construction	Unsealed penetrations and openings (Electrical riser) 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. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 months
				



F-03	Fire Rated Construction	Exterior exit stairs are not separated from the building with the required ratings	Exterior exit stairs shall be separated from the building with the required ratings. If the exit stair connect three or fewer stories, the stair shall be separated from the building with 1-hr rated construction and if it connect four or more stories then shall be separated from the building with 2-hr rated construction. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structure.	Within 3 months
				
F-04	Egress	Aisles not provided at several floors of main building.	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.).	Within 3 month



				
F-05	Egress	Egress doors/gates with locking features not complying with NFPA101 are provided at [building exits, exit stairs, along egress routes, exit discharge]	Remove non-compliant locking features from all egress doors/gates. If locks are required for security reasons, utilize specialized door locking features complying with NFPA101.	Immediate





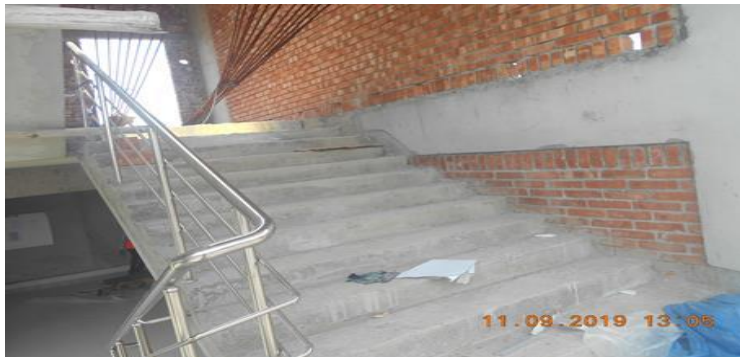
F-06	Egress	Building did not have stair designation signs and occupant load signs at required locations.	Install signage adjacent to each stair door indicating the stair name and the floor level at the noted locations in both English and Bengali language. Post the occupant load for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space.	Within 1 month
F-07	Egress	Fire evacuation map is not posted at the entrance of all exit stair.	Fire evacuation maps shall be posted at the entrance to each exit stair.	Within 1 month
F-08	Egress	Uneven path of travel and blockage in exit access. Locations: All discharge from building	Remove unnecessary items and level exit path to the public way.	Within 3 month





F-09	Egress	Parapets or guards are not provided in occupied/occupiable roof.	Provide parapets or guards with a minimum height of 1067mm (42 inch.). Or Provide parapets or guards with a minimum height of 1067mm (42 inch.) for all occupiable roof areas.	Within 3 month
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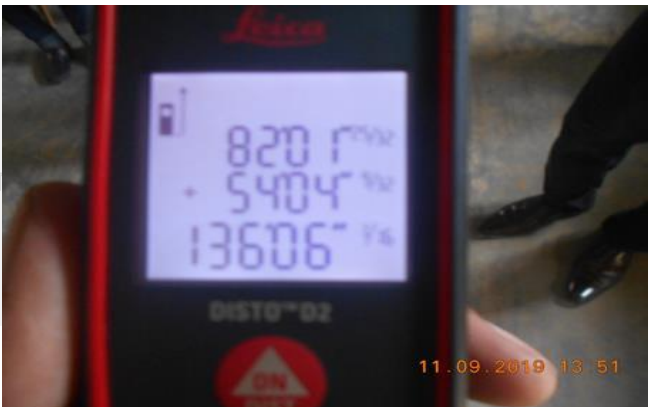
F-10	Egress	Handrails are not provided on both sides of the exit stair.	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.).	Within 3 month
				
F-11	Egress	Storage was located in exit stair.	Remove storage from the exit stairs and egress path	Immediate





F-12	Egress	Storage was located in the egress path.	Keep egress path and stair clear of storage.	Immediate
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F-13	Egress	Common path of egress travel exceeds 23 m. Location: Ground Floor Occupancy/Process: Store Area	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 23m. Or Provide additional remote exit to meet the common path of travel.	Within 2 month
 				
F-14	Egress	No smoking sign did not provided in the floors of the building.	Provide No Smoking sign at all required places.	Within 1 month
F-15	Fire Detection & Alarm System	Fire detection and alarm system is not available.	Submit proposed design of fire detection and alarm system to ACCORD for review in accordance with NFPA-72. Installation work shall be as per the reviewed design with a listed addressable fire alarm system.	Design within 2 month, installation/ modification within 4 months after drawing review



F-16	Inspection, Testing, and Maintenance of the Fire Detection & Alarm System	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 1 month (After compliant installation).
F-17	Fire Protection System	The existing building has an occupied floor greater than 10 meter (33 feet) and is not provided with standpipe protection.	Install a new class III standpipe system & fire department connection in accordance with NFPA 14. A class I system shall be permitted in buildings protected throughout by an automatic sprinkler system.	Design within 2 months, Install within 4 months
F-18	Inspection, testing, and maintenance of the standpipe system	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 14.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 14 and ACCORD standards.	Within 3 month



F-19	Fire Extinguishers	Portable fire extinguishers not installed throughout all new and existing facilities	Portable fire extinguishers shall be installed throughout all new and existing facilities in accordance with BNBC Part 4 Section 4.10 and NFPA 10. Extinguishers shall be placed so that maximum travel distance to the nearest unit shall not exceed 30 m (100 ft).	Within 3 month
F-20	Fire Extinguishers ITM	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 and ACCORD standards.	Within 3 month
F-21	Fire Pump ITM	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 20.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 20 and ACCORD standards.	Within 3 months
F-22	Emergency Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed.	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 3 month





F-23	Emergency 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 month
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F-24	Emergency Egress Lighting	Exit sign not provided at exit of the building.	Lighted exit signs shall be placed at entrance to an exit. Additional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious. Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.	Within 3 month
				
F-25	Inspection, testing, and maintenance of Emergency light and Exit Sign	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 month

