

FIRE SAFETY INSPECTION REPORT

Factory Name: Apparel Promoters Limited

ACCORD ID: 12587

Google Coordinate: 22.377085, 91.814943

ADDRESS: 1206/A, Nasirabad I/A, Bayzid Thana Road, Bayzid, Chittagong, Bangladesh.

Other Factories: None



Inspected By: Shabbir Hossain & Raju Ahmed

Date: 2nd October 2016

Fire Safety Inspection Report

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ADDRESS: 1206/A, Nasirabad I/A, Bayzid Thana Road, Bayzid, Chittagong, Bangladesh.

SUMMARY

Apparel Promoters Limited. was surveyed for fire safety on 2nd September, 2016 by The Accord Inspection Team. This summary identifies the major deficiencies that were identified during the inspection. The purpose of this 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 Accord for approval.

SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
1	Fire Rated Construction	The fire pump room & fire control room is not separated from the building. Location: Utility Building.	Provide minimum 2-hr fire rated doors and 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.	Within 2 months	



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2	Fire Rated Construction	Generator/ transformer/Boiler/Compressor room is not properly separated by fire rated construction from the stair which is used for going to the prayer room at south-east corner of the factory premises.	Generator/ transformer room shall be separated from the stair by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) shall be protected by 1.5-hr fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or, relocate the prayer room in a safe place.	Within 2 months	 

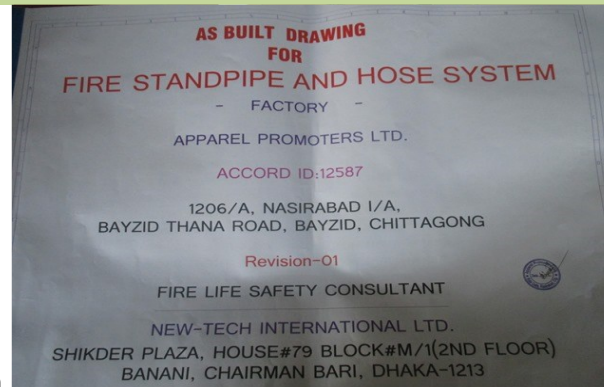


Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
3	Fire Rated Construction	The exit stairs are not separated from [work areas, other spaces] on each floor by fire-rated construction. Location: Building-1 roof floor near of office area.	Stair shall be enclosed with a minimum 1.5-hr fire-rated construction. Seal all unprotected openings and provide minimum 2-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, 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 2 month	
4	Fire Rated Construction	The elevator shaft is not separated from [work areas, other spaces] on each floor by fire-rated construction. Location: Building-1 office floor.	Seal all penetrations and openings in the wall of exit enclosure walls (full thickness of the wall) by fire rated materials to maintain the fire resistance rating.	Within 2 month	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Fire Rated Construction	Chemical storage area is not separated by fire-rated construction having non rated door and unsealed penetrations and openings. (Location: Building-2, ground floor).	Separate the chemical storage room by 2-hr fire rated construction. Seal all penetrations and protect the openings to maintain the required fire separations. Keep 16-points MSDS of all chemicals in the storage area. ** As per BNBC, chemical storage room will be Type-1 construction.	Within 2 month	



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6	Fire Protection	The existing factory building with an occupiable floor greater than 10 m (33 ft.) above the finished grade is not protected with an approved standpipe system.	Submit the as-built design of standpipe system throughout the building in accordance with NFPA 14.	Within 06 Months (Design review & Modification of the system)	 
7	Inspection, testing, and maintenance of the fire protection 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-side, in accordance with NFPA 14.	Within 1 month	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Fire Alarm System	The existing fire alarm & detection system is not installed properly. Still few areas are out of detection system.	Submit the as-built design/drawing of fire alarm & detection system to Accord for review.	Within 06 Months (Design review & Modification of the system)	
9	Inspection, testing, and maintenance of the fire 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	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
10	Opening/Penetration through Floor/Ceiling	Unsealed Penetrations through floor/ceiling assemblies are observed. Location(s): Inside the production floor near East side and expansion joint of main building.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required. Or Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating.	Within 2 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
11	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 1 month	ADD PHOTO
12	Inspection, testing and maintenance	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 1 month	ADD PHOTO



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
13	Occupant load signs	Occupant loads are not posted in a conspicuous space near the main exits or exit access doorways.	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	
14	Fire Protection	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 on-site, in accordance with NFPA 10 and ACCORD standards.	Within 1 month	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
15	Stair Sign & Occupant Load sign	Building did not have stair designation, floor designation or occupant load signs at the required locations.	Provide stair designation, floor designation and occupant load signs at the required locations.	Within 1 month	

