

FIRE SAFETY INSPECTION REPORT

Factory Name: ABA Fashions (New)

ACCORD ID: 23238

ADDRESS: 521/1, Gacha. Post-Gacha 1704

Other Factories: None



Inspected By: Md. Jobaid Ul Islam & Ashfiq Ur Rahman

Date: 20/05/2018

Findings & Recommendations :

Following 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.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	RMG BUILDING: Fire Rated Construction	The exit stairs enclosures are not separated from work areas and other spaces on each floor by fire-rated construction(Smoke seal of Fire doors weren't present, Unprotected lift shaft, unsealed penetrations of Hose boxes and openings etc.).	Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 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.	Within 3 months
				



2	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction properly. Location: 1st floor Finished goods store.	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 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months
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3	Fire Rated Construction	Assembly occupancy (E4) (Dinning) is not separated from the adjacent Sample section.	Relocate the Dinning & Prayer room to a safe location or provide minimum 2 hours fire rated separation between production & assembly occupancy having minimum 2 direct exit access.	Within 2 months
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4	Egress	Doors along means of egress are provided with non compliant locking system. (Location: Sample section)	1. Remove all non compliant locking features from egress doors. 2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. 3. Doors may be locked where the latch and lock are disengaged with one motion where the occupant load does not exceed 49 persons. 4. Doors may be provided with locking hardware from the ingress side provided that a panic bar is installed on any door with an occupant load exceeding 49 persons.	Within 7 Days
 				
5	Opening/Penetration through Floor/Ceiling	Penetrations through floor/ceiling assemblies are found unsealed. (Location: North East side)	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. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 2 months





6	OFFICE COMPLEX: Fire Rated Construction	The exit stairs enclosures are not separated from work areas and other spaces on each floor by fire-rated construction (Specially Toilets at Stair H & GF)	Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 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.	Within 3 months
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7	UTILITY BUILDING: Fire rated construction	Diesel (approximate 15,600 Liter) storage area is not separated by fire-rated construction from adjacent Generator room.	Provide 2hr. proper fire rated separation or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.	Within 1 month
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8	Fire rated construction	Boiler or furnace room is not properly separated by fire rated construction.	Boilers or other heat producing equipment shall be separated from other occupancies by a minimum 1-hr (2-hr for Highrise building) fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) 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 it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.	Within 3 months
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9	WASTE BUILDING: Fire Rated Construction	The exit stairs enclosures are not separated from work areas and other spaces on each floor by fire-rated construction	Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 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.	Within 3 months
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10	Egress	Doors along means of egress are provided with non compliant locking system. Location: Childcare/ Medical room/ Office/ STP/Guard house/Pump building.	1. Remove all non compliant locking features from egress doors. 2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. 3. Doors may be locked where the latch and lock are disengaged with one motion where the occupant load does not exceed 49 persons. 4. Doors may be provided with locking hardware from the ingress side provided that a panic bar is installed on any door with an occupant load exceeding 49 persons.	Within 7 days
11	Parapets or Guards	Parapets or guards are not provided in occupiable roof of Utility Building, Office Building & Waste Building.	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months





12	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: All buildings.	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
13	Fire Alarm System	Fire Alarm System for all buildings	Submit the design of fire alarm system to Accord in accordance with NFPA 72. Installation shall be as per the reviewed design with a listed Addressable Fire Alarm System.	Design Submission within 1 month after reviewing Installation within 3 months



14	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.	After system installation, within 1 month
15	Fire Protection System	The highest occupied floor of existing building is more than 10 m (33 ft.) above/ below grade but standpipe system is not installed in the building. (RMG Building, Office complex, Utility Building)	Provide class-III standpipe system (both a 40 mm connection with attached hose and a 65 mm connection) throughout the building in accordance with NFPA 14 & 20.	Design Submission within 1 month after reviewing Installation within 3 months



16	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.	After system installation, within 1 month
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