

FIRE SAFETY INSPECTION REPORT

Factory Name: HAMS Fashion Ltd.

ACCORD ID: 23538

ADDRESS:

**Dakkhin Vanganahati, Sreepur, Gazipur-1740, Bangladesh
24.193200, 90.457295**

Other Factories: None



Inspected By: Kazi Raian Mahmood

Date: 28 January, 2019.

Fire Safety Inspection Report

Factory Name: HAMS Fashion Ltd.

ADDRESS: HDakkhin Vanganahati, Sreepur, Gazipur-1740, Bangladesh

Summary:

HAMS FashionLtd. was surveyed for fire safety on 28th January 2019 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.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Substation room is not fire separated from Stair 1 passageway, wastage godown of building 5. Generator room is not separated from Diesel storage area, Compressor room at 1st floor of building 1 is not properly fire separated from unprotected openings.	Generator, Transformer & Compressor room shall be separated from other occupancies by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) should 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.	Within 9 months





2	Fire Rated Construction	The exit stair enclosures are not separated from work areas and other spaces on each floor by fire-rated construction. Fire Doors have been provided with proper hour rating. Doors are kept open and installation of magnetic hold open device to interface with Fire Alarm System is ongoing.	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
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3	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed in the Electrical risers near stair 1 at ground floor.	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
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4	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.at Building 2	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 3 months
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5	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy at Ground Floor of Building 1.	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 2. 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. or 3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months
				



6	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas in the warehouse and wastage godown.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months
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7	Fire Rated Construction	Stair 2 of Building 2 discharges inside the building through building 3 adjacent space.	Separate the exit passageway (ceiling, floor, wall etc.) by 1/2- hr fire-resistance rated construction and shall terminate at an exit discharge.	Within 3 months
 				
8	Fire Rated Construction	Color kitchen at warehouse building is not Fire separated.	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 months





9	Egress	Doors along means of egress are provided with non compliant locking system.	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.	Immediate
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10	Egress Lighting	Parapets or guards are not provided in occupiable roof is less than 42 inches	Provide parapets or guards with a minimum height of 1067mm (42 inch.)	Within 2 months
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11	Egress	Storage was observed in the egress path.	Remove storage from the egress path and aisles	Immediate
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12	Egress Lighting	Manual On/off switch was observed in the emergency / Exit light	Remove the on/off switch or similar option from the emergency/exit light	Within 2 months
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13	Fire Detection and Alarm System	The Fire Alarm System is antiquated and not listed. Reviewed design of fire alarm system was not found during inspection	Submit the as-built design of fire alarm system to Accord in accordance with NFPA 72. Installation of the system should be as per the reviewed design.	Design within 3 months and installation within 9 months
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14	Fire Protection System	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. Reviewed design was not found during follow-up inspection	Submit the as-built design of fire fighting system to Accord in accordance with NFPA 14 & installation should be as per the reviewed design	Design within 4 months and installation within 6 months
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15	Fire Protection System	Generator & Transformer rooms don't have required Fire Extinguishers	Provide Fire extinguisher with proper type and number as per the requirement of NFPA 10.	Immediate
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