

FIRE SAFETY INSPECTION REPORT

Anowara Fashions Ltd.

ACCORD ID: 23464

ADDRESS: 35/A, Hajigonj Road, Narayanganj (23.635116, 90.511764)

Other Factories: None



Inspected By: Md. Abdul Karim

Date: 24 September 2018

Fire Safety Inspection Report

Factory Name: Anowara Fashions Ltd.

Introduction:

Anowara Fashions Ltd. complex was surveyed for fire safety on 24 September 2018 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.



General Factory Information

Factory Building name(s): Anowara Fashions Ltd.
G + 5 Storied RCC building

Factory Address: 35/A, Hajigonj Road, Narayanganj.

Points of contact:

1. Md. Rabiul Islam General Manager, Email: compliance_ag@anowaragroup.com Cell: 01711-697593 Phone: 02-7641740, 7641618	2. Md. Zakirul Hoque Manager, Compliance Email: compliance_ag@anowaragroup.org Cell: 01708-497491 Phone: 02-7641740, 7641618
	



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: Findings And Recommendations

SI No.	Category	Finding	Recommendation	Remediation Time Frame
F-1	Fire Rated Construction	Areas used for combustible storage are not separated by fire rated construction on 1st, 3rd and 4th floor.	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 2.45m (8ft.) and maximum area of 23m ² (250 ft ²) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m ² (1000 ft ²) Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 months



F-2	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction on ground, 3rd and 4th floors due to openings, penetrations and non functional fire doors as well as credibility of the installed fire doors.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-3	Fire Rated Construction	Unsealed electrical shafts are located in the fire-rated floor/ceiling assemblies at west side of the building on all floors.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level and seal all penetrations in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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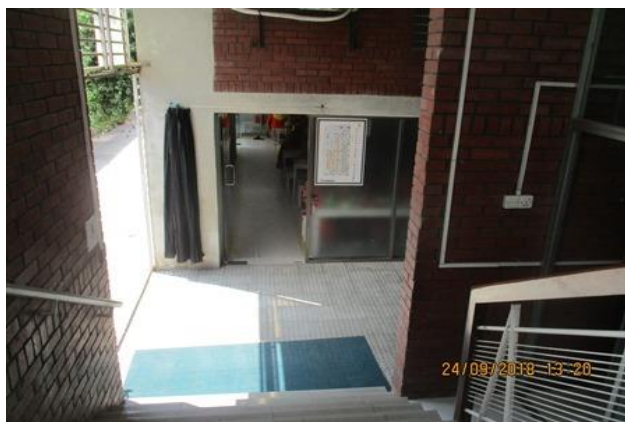


				
F-4	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire rated construction due to non functional fire doors as well as credibility regarding listing issue of the installed fire doors.	Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr. fire-rated construction. Provide minimum 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 ACCORD standard 6.8.3.1.	Within 3 months





F-5	Fire Rated Construction	All exit stair enclosures are not separated from dining area and store room on the ground floor by fire-rated construction.	The exit stair enclosure shall be provided with a minimum of 2-hr fire resistance rating for buildings 4 or more stories.	Within 3 months
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F-6	Fire Rated Construction	Unsealed penetrations and openings are located in west exit stair enclosures on 5th floor from electrical riser.	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
				
F-7	Fire Rated Construction	The fire pump room on the basement is not separated from store room by fire rated construction (openings, non rated doors, penetrations)	Separate each of the rooms by minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months





F-8	Fire Rated Construction	Dining area is not separated by fire rated construction from store room on ground floor.	Separate dining area by minimum 3 hr. fire rated construction.	Within 3 months
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F-9	Fire Rated Construction	The exit discharge path serving from knitting section on ground floor is less than 10 ft. wide and is not separated from the building interior or compressor room.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft. to provide a minimum 1-hr fire separation. Alternatively, provide a second remote discharge path to the public way (only include this if feasible).	Within 3 months
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F-10	Fire Rated Construction	Generator room is not properly separated by fire rated construction from exit stair as well as Compressor room is not properly separated by fire rated construction with knitting section on ground floor.	1. Generator room and 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. 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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F-11 Egress

Egress doors / gates with locking features are provided along egress routes at dining section exits and building exits discharge. All doors were not open and unlocked during the inspection.

Remove locking features from all egress doors and gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101 and ACCORD standard 6.8.2.

Immediately



F-12	Egress	Sliding doors are provided at building exits discharge on ground floor.	Replace all non compliant (collapsible and sliding) doors/gates along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101 in accordance with ACCORD standard 6.8.1.	Within 1 month
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F-13	Egress	Storage was located in the exit stair enclosure on roof top.	Remove all storage from exit stairs and egress paths.	Immediately
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F-14	Fire Protection	The addressable fire detection and alarm system is installed for the building but the compliance level shall be verified as per relevant Standard.	Submit the Fire Detection and Alarm system design to ACCORD 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 within 2 months, install/modification within 4 months
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F-15	Fire Protection	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 ACCORD 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.	Design within 2 months, install/modification within 6 months
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F-16	Fire Protection	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 3 months
F-17	Egress Lighting	Manual on-off switch is provided for emergency lighting units on all floors.	Remove manual on/off switches from emergency lighting units to prevent them from being switched off.	Within 1 month



 				
F-18	Egress Lighting	Emergency lighting did not function in test mode (burned out, broken, etc.).	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month
				

