

FIRE SAFETY INSPECTION REPORT

Factory Name: Mayc's Garments Ltd.

ACCORD ID: 23128

ADDRESS: House no # 18/19, Road no# 1, Block# KHA, Section# 06, Mirpur# 10, Dhaka -1

Other Factories: None



Inspected By: Rafat Arefin & A N Faisal Ahmed

Date: 2nd April, 2018

Fire Safety Inspection Report

Factory Name: Mayc's Garments Ltd.

Introduction:

Mayc's Garments Ltd. was surveyed for fire safety on 02/04/2018 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):

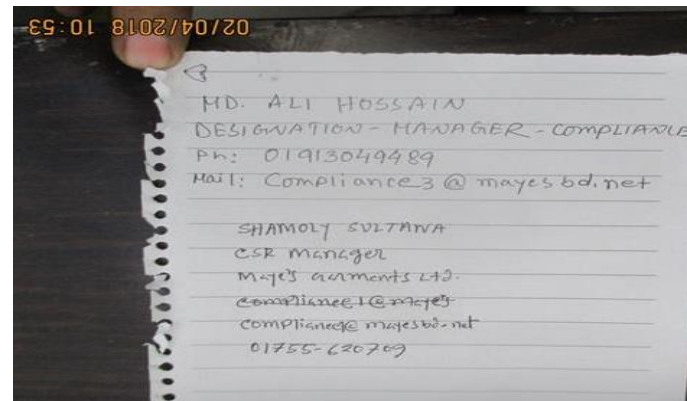
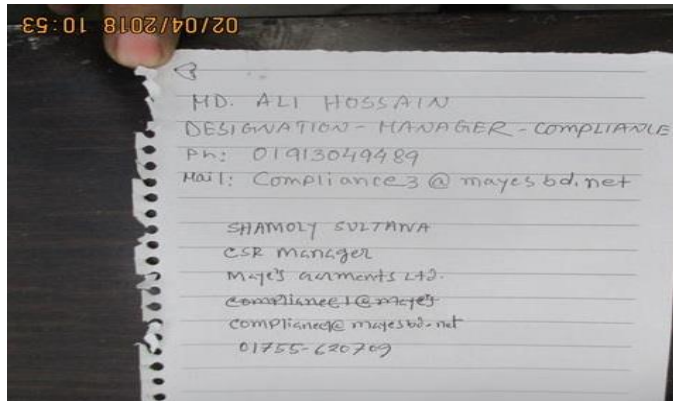
1 .8 storey RCC building (07 storied with 01 basement)

Factory Address: House no # 18/19, Road no# 1, Block# KHA, Section# 06, Mirpur# 10, Dhaka -1

Points of contact:

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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.



| Sl No. | Category | Observations | Required Action | Remediation Time Frame |
|--------|----------|--------------|-----------------|------------------------|
|--------|----------|--------------|-----------------|------------------------|

1 Fire Rated Construction

The boiler room is not separated from egress court by fire rated construction.

Boilers or other heat producing equipment shall be separated from other occupancies by a minimum 1-hr (2-hr for high-rise 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



- 2 Fire Rated Construction

The exit discharge path is less than 10 ft. wide and is not separated from the building interior.
Location: West side of factory building.

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.

Within 3 months



- 3 Fire Rated Construction

Unsealed penetrations and openings are located in exit discharge from basement.

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





4 Fire Rated Construction

Penetrations through floor/ceiling assemblies are found unsealed for cable shaft.

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 3 months



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| 5 | Egress | During the inspection egress aisles were obstructed by machine and available clear width were found less than 36 inch. | Provide aisles free from obstructions and with minimum clear widths of 36-inch. | Immediate |
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| 6 | Egress | Sliding type doors have provided along means of egress from basement. | Replace all collapsible/sliding/shutter type doors & gates by the side-hinged swinging type doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. | Within 1 months |
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7 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



8 Fire rated construction

Dinning space is not separated from production area by Fire rated construction.

Remove dinning space from this location or, alternatively, provide minimum 3-hour fire rated separation.

Within 3 months





9 Fire Alarm System

The existing fire alarm system is not a listed system and does not provide automatic alarm and notification features consistent with acceptable standards.

Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.

Design with in 4 months, install within 9 months.



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| 10 | 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 3 months |
| 12 | Standpipe System | The existing building has an occupied floor greater than 10 m (33 feet) and is not provided with standpipe system as per NFPA 14. | Install a new class III standpipe system & fire department connection in accordance with NFPA 14. | Design with in 4 months, install within 9 months. |



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| 13 | Inspection, testing, and maintenance of the standpipe system. | Inspection, testing, and maintenance of standpipe system is not in accordance with NFPA 25 or as per Accord standard. | Inspect, test and maintain standpipe system, and keep written records on-site, in accordance with NFPA 25 or as per Accord standard. | Within 3 months |
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| 14 | Others | Occupant loads and stair designations are not posted in a conspicuous space near the main exits or exit access doorways as demanded in ACCORD. | Post the occupant load and stair designation 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 3 months |
| 15 | Inspection, testing, and maintenance of the extinguisher system. | Inspection, testing, and maintenance for the fire extinguishers is not in accordance with NFPA 10 or as per Accord standard. | Inspect, test and maintain the fire extinguishers, and keep written records on-site, in accordance with NFPA 10 or as per Accord standard. | Within 3 months |
| 16 | Others | Exit stairs are being separated from other occupancy by fire rated assemblies. Fire door has been installed. However door-coordinates were found at fault. As the doors were open by non-mechanical means, Factory should interfaced fire door with FACP. | Inspect, test and maintain the fire door's functionality and Provide interfacing with FACP | Within 3 months |





17 Egress

Storage was located in the exit stair.

Remove all storage from exit stairs.

Within 1 month



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| 18 | Egress Lighting | Manual on-off switch is provided for [emergency lighting / exit signage] units. | Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off. | Within 3 months |
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| 18 | Inspection, testing, and maintenance of Egress Lighting system | 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 months |
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