

FIRE SAFETY INSPECTION REPORT

Factory Name: EMON Fashion Ltd

ACCORD ID: 23266

ADDRESS:

**42, Mariyali, Joydebpur, Gazipur J2
24.009799, 90.4017777**

Other Factories: None



ACCORD
on Fire and Building Safety in Bangladesh

**Inspected By: Nasif Javed Tofa, Md. Hasibur Rahman Abir
Date: 07 June, 2018.**

Fire Safety Inspection Report

Factory Name: EMON Fashion Ltd

Introduction:

EMON Fashion Ltd complex was surveyed for fire safety on 07/06/2018 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): EMON Fashion Ltd

Factory Address: 42, Mariyali , Joydebpur , Gazipur J2

Points of contact:

1. Sumit Barua

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Findings & Recommendations :

This table summarizes the major fire safety issues identified during the inspection of RMG building and Utility shed. 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	The exit stairs are not separated from [work areas, other spaces] on each floor by fire rated construction.	Provide minimum 1.5-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 rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire rated 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





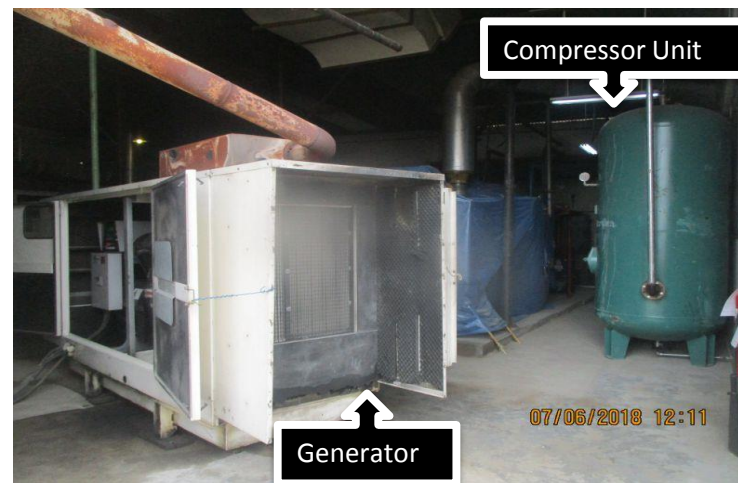
2	Fire door Interfacing	Installed fire rated doors of utility riser room and exit stairs were kept open without interfacing with the addressable FACP through some external sources.	If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	Within 3 months
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3	Fire rated construction	The boiler, generator, transformer and air compressor room is not separated by fire rated construction (openings, non-rated doors, penetrations). Location: Utility shed	Separate the boiler, generator, transformer and air compressor room by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 3 months
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4	Storage Areas	Areas used for in-process storage of combustible materials are open to the surrounding occupancy.	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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5	Fire Rated construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas. Location: Finish good store on 1st floor, dedicated store with knitting section on ground floor.	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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6	Storage in Dining Area	Storage located in the dining area.	Remove storage from the dining area.	Immediate
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7	Lockage Egress Doors	Egress doors/gates with locking features not complying with NFPA101 are provided at [building exits, exit stairs, along egress routes, exit discharge]	Remove locking features from all egress doors/gates. If locks are required for security reasons, utilize specialized door locking features complying with NFPA101.	Immediate
				
8	No Handrails	Handrails are not provided on both sides of each exit stairs on all floors. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation.	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.)	Within 3 months





9	Storage in Egress Path	Storage was located in the egress path and in the exit stair.	Keep egress path and stair clear of storage.	Immediate
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10	Unusable discharge path	The exit discharge path of south-east and north-east exit stairs are totally unusable. Exit stair found blocked.	Make a road / egress path for smooth discharge of occupants. Means of egress shall be maintained continuously free and clear of all obstructions.	Within 3 months
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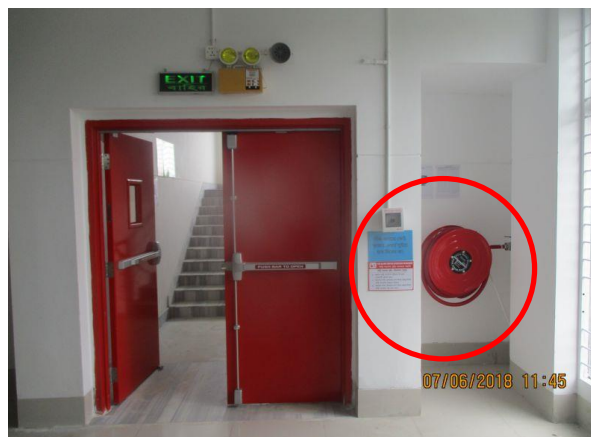
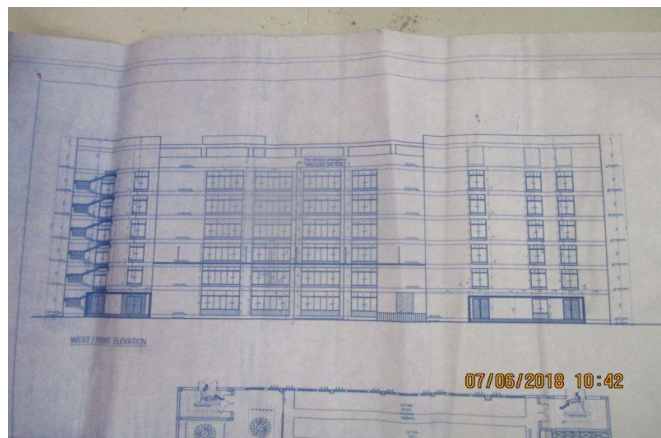
11	Antiquated Fire Detection System	The fire detection system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards. Location: RMG, office building and other sheds.	Replace the fire detection system with a new, listed addressable fire detection system in accordance with NFPA 72.	Design within 4 months, Install within 9 months
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12	Fire Detection ITM	Inspection, testing, and maintenance for the fire detection system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
13	Standpipe System	The existing RMG building has an occupied floor greater than 10 meter (33 feet) and is not provided with standpipe protection.	Install a new class III standpipe system & fire department connection in accordance with NFPA 14. A class I system shall be permitted in buildings protected throughout by an automatic sprinkler system.	Design within 3 months, Install within 6 months





14	Standpipe ITM	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-site, in accordance with NFPA 14 and ACCORD standards.	Within 3 months
15	Inadequate 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 3 months





16	On/Off Switch	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 1 month
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17	Non-Working Exit Signs	Exit signage not illuminated (burned out, broken, etc.).	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs	Within 1 month
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18	Emergency Lighting ITM	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
19	Fire Extinguishers ITM	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 onsite, in accordance with NFPA 10 and ACCORD standards.	Within 3 months



