

FIRE SAFETY INSPECTION REPORT

Factory Name: Day Apparels Limited

ACCORD ID: 12483

ADDRESS: MH tower, 21, Vogra, Gazipur

Other Factories: Day Fashions Limited



Inspected By: Shabbir Hossain & Md Rafat Arefin

Date: 8th December, 2016

Fire Safety Inspection Report

Factory Name: Day Apparels Limited

Introduction:

Day Apparels Limited was surveyed for fire safety on 08/12/2016 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): Day Apparels Limited

Factory Address: MH tower, 21, Vogra, Gazipur

Points of contact:

Name: Khurshid Alam
Designation: Manager (HR & Compliance)
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Name: Tanvir Jamil
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Findings & Recommendations :

The following "Table" 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	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Exit stairs are not completely separated from other occupancy by fire rated assemblies. Fire door has been installed. Door-coordinates were found at fault (Non functional). Fire doors were open by non-mechanical means (without automatic-closing devices tied to the fire alarm system)	Inspect, test and maintain the fire door's functionality and 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



SI No.	Category	Findings	Required Action	Remediation Time Frame
				
2	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures. Location: South-East exit enclosure at Ground floor.	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



Sl No.	Category	Findings	Required Action	Remediation Time Frame
				
3	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from East side embroidery room and South side day-care and medical room.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months



Sl No.	Category	Findings	Required Action	Remediation Time Frame
				
4	Fire Rated Construction	Boiler, Generator and Transformer room in the utility building are not separated from each other by fire rated construction.	All the utility room shall be separated from each other 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 3 months



Sl No.	Category	Findings	Required Action	Remediation Time Frame
				
5	Fire Rated Construction	The factory is using/storing liquified gas cylinders without proper separations. Location: Near utility building	Remove them from the factory building. or Provide 2-hr rated room for using/storing liquified gas cylinders and ensure proper ventilation of that room. Source of fire such as electrical connection is prohibited.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
				
6	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed. Location: Electrical shaft near North-east stair.	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



SI No.	Category	Findings	Required Action	Remediation Time Frame
				
7	Fire Rated Construction	The exit discharge path is less than 10 ft wide and is not separated from the building interior. Location: East exit stair discharge path	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



SI No.	Category	Findings	Required Action	Remediation Time Frame
				



Sl No.	Category	Findings	Required Action	Remediation Time Frame
8	Egress	Doors along means of egress are provided with non compliant locking system. Location: Embroidary 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.	Immediate
				



SI No.	Category	Findings	Required Action	Remediation Time Frame
9	Egress	Fire evacuation maps is not posted at the entrance of all exit stair.	Fire evacuation maps shall be posted at the entrance to each exit stair.	Within 3 months
10	Egress	Occupant load sign and stair designation is posted at the exit stair at all level but does not maintained regularly.	Occupant load sign and stair designation shall be posted at the entrance to exit stair at all level.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
11	Fire Protection	Fire detection and alarm system installation is on-going. However drawing is not reviewed and the system is not confirmed to be as per NFPA-72 .	Submit the drawing for ACCORD review And Complete installation/modification as per NFPA-72	Within 6 months
				



SI No.	Category	Findings	Required Action	Remediation Time Frame
12	Fire Protection	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



SI No.	Category	Findings	Required Action	Remediation Time Frame
13	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
14	Fire Protection	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



SI No.	Category	Findings	Required Action	Remediation Time Frame
15	Fire Protection	The building has an occupied floor greater than 10 meter (33 feet) and its not provided with standpipe system as per NFPA 14 & 20.	Provide standpipe and hose system as per NFPA 14 & 20.	Within 6 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
16	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



Sl No.	Category	Findings	Required Action	Remediation Time Frame
				
17	Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed.	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 3 months



Sl No.	Category	Findings	Required Action	Remediation Time Frame
19	Egress Lighting	Emergency light has not been provided at Utility Building, Dinning shed, Medical room and at stores.	Provide emergency lights at all the Location where there is any kind of occupancies.	Within 3 months
				



Sl No.	Category	Findings	Required Action	Remediation Time Frame
20	Egress	Parapets or guards are not provide in occupiable roof.	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months
				



SI No.	Category	Findings	Required Action	Remediation Time Frame
21	Egress	Egress door serving 50 or more occupants but does not swing in the direction of egress travel. Location: Main exit discharge door	Modify swing direction of egress doors to the direction of egress travel. Doors serving an occupant load of more than 50 shall swing in the direction (out-ward) of egress travel .	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
				

