

FIRE SAFETY INSPECTION REPORT

Factory Name: Aboni Knitwear (New Shed)

ACCORD ID: 23602

**ADDRESS: 169-171, 195-196, 200, Tatulzhora Hemayetpur, Savar, Dhaka
(23.792721, 90.260753)**

Other Factories: Aboni Knitwear Limited (AID_9342)



**Inspected By: Md Anayet Hossain & Noshin Tabassum
Date: 3 February, 2019**

Fire Safety Inspection Report

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Introduction:

Aboni Knitwear (New Shed) was surveyed for fire safety on 03/02/2019 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): Aboni Knitwear (New Shed)

Factory Address: 169-171, 195-196, 200, Tatulzhora Hemayetpur, Savar, Dhaka



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.

SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
1	Fire rated construction	Rooms used for combustible storage are not separated by fire-rated construction.	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 23m ² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m ² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months	
	Fire rated construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m ² . 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 93m ² . 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	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	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	
3	Egress	Collapsible/sliding/shutter type doors have provided along means of egress [building exits, exit stairs, along egress routes, exit discharge].	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.	Immediate	
4	Egress	Uneven path of travel and blockage in exit access. (Secondary exit discharge.)	Remove unnecessary items and level exit path to the public way.	Within 1 month	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Egress	Aisles were not provided of adequate width	Provide clear aisle width of minimum 36 inch. Aisle shall be cleared of any kind of obstruction.	Immediate	ADD PHOTO
6	Egress 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 1 month	
7	ITM Emergency Lighting	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	ADD PHOTO



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Fire Alarm & Detection System	Fire detection & alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards	Submit as-built drawings, testing records, listing information and other relevant documentation to the ACCORD for review and approval, modification shall have to be done as per the reviewed design (if required) Upon approval & installation/modification the owner shall contact the Accord prior to conducting the final acceptance testing of the fire detection & alarm system installation. Also inspect, test and maintain the fire detection & alarm system and keep written records on-site, in accordance with NFPA 72 and ACCORD standards.	Design submission 2 months; Modification/ installation within 4 months.	 
9	Fire Protection	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 NAPA 10	Within 3 months	

