

FIRE SAFETY INSPECTION REPORT

Factory Name: Pacific Cotton Ltd.

ACCORD ID: 23661

**Vill: Amtoli, Union: Habirbari, P.S: Valuka, Mymensingh-2240.
24.315120, 90.384654**

Other Factories: Cotton Dyeing & Finishing Mills Ltd._9286



Inspected By: Md. Anayet Hossain, Md. Zahidul Islam

Date: 17th July, 2019.

Fire Safety Inspection Report

Factory Name: Pacific Cotton Ltd.

Introduction:

Pacific Cotton complex was surveyed for fire safety on 17/07/2019 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.



Findings & Recommendations :

Table-01:

Table 1 summarizes the major fire safety issues identified during the inspection of main building. 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
F-01	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: Building-01 (Garments Building)	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



F-02	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas. Location: Building-01 (Garments Building)	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months
 				

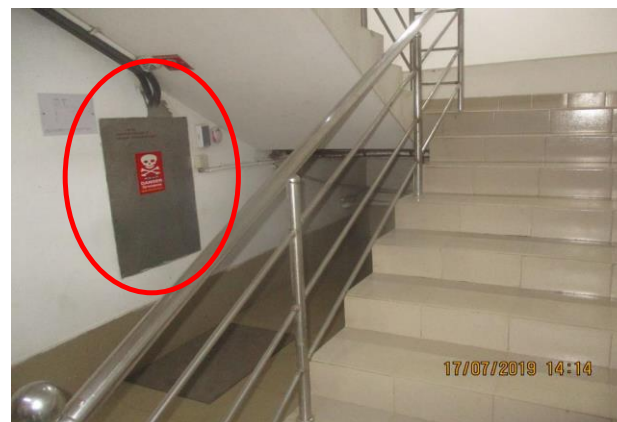


F-03	Egress	Doors along means of egress are provided with non compliant locking system. Location: Building-01 (Garments Building)	1. Remove all non compliant locking features from egress doors. 2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. 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
				
F-04	Egress	The egress path along means of egress has interrupted by obstruction/storage. Location: Building-01 (Garments Building)	Means of egress shall be maintained continuously free and clear of all obstructions/storage. Or Keep egress paths and stairs clear of storage.	Immediate





F-05	Egress	Storage was located in the exit stairs at exit stair. Location: Building-01 (Garments Building)	Remove all storage from exit stairs.	Immediate
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F-06	Egress	Parapets or guards are not provided in occupiable roof// less than 42 inches Location: Building-01 (Garments Building)	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months
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F-07	Egress	Floor no., occupant load, stair designation sign were not present in the exit stairs	Provide floor no., maximum & present occupant load, stair designation sign in every stair in all floors	Within 1 month
F-8	Fire Detection & Alarm System	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards (This issue is applicable for all structures covered by inspection)	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review.	Design within 2 months, Install within 4 months (If modification required)
F-9	Detection-ITM	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
F-10	Emergency 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
F-11	Inspection, testing, and maintenance of Emergency light and Exit Sign	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



F-12	Fire Rated Separation	Unsealed penetrations and openings are located in exit stair enclosures. Location: Building02 (Dyeing Building)	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-13	Fire Rated Separation	Rooms used for chemical storage of combustible materials are not separated from the surrounding occupancy/areas. Location: Building02 (Dyeing Building)	Rooms used for chemical storage of combustible materials shall be separated from the surrounding occupancy with a minimum 2 hour construction.	within 3 months





F-14	Fire Rated Separation	Areas used for in-process storage of combustible materials are open to the surrounding occupancy and combustible material has been found under marker table at marker shed. Location: Building02 (Dyeing Building)	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m². 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 93m². 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
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F-15	Egress	Doors along means of egress are provided with non compliant locking system. Location: Building02 (Dyeing Building)	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.	Within 3 months
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F-16	Fire Rated Construction	Dining room is not separated by 2-hr fire rated separation from storage areas. Location: Building 04 (Dining Shed)	Separate the dining area by a minimum 2-hr fire-rated construction having a direct access to exit stair. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months
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F-17	Egress	Exit capacity(500) is not adequate for the occupant load(576). Location: Building 04 (Dining Shed)	1. Reduce occupant load to not more than available exit capacity. Or 2. Provide additional exits to increase exit capacity.	Within 3 months
F-18	Egress	Office staffs no safe exit. (Pass through store area) Location: Adjacent to the dining shed.	Provide direct exit for the office staffs. Or Provide 2-hr fire rated passage way for the office staffs.	Within 1 month





F-23

