

FIRE SAFETY INSPECTION REPORT

Pakiza Knit Composite Ltd (23.842791,90.257397)

ACCORD ID: 12479

A-1/5, Mojidpur (Borobolimeher), Savar, Dhaka, Bangladesh

Other Factories: None



Inspected By: Md. Sabbir Ahmed Shourav, Nasif Javed Tofa
Date: 30th March, 2017

Fire Safety Inspection Report

Factory Name: Pakiza Knit Composite Ltd

Introduction:

Pakiza Knit Composite Ltd was surveyed for fire safety on 30th March, 2017 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. 2 Storey Knitting shed building (Steel Structure)
2. 2 Storey Dyeing & RMG shed building (Steel Structure)
3. 2 Storey Utility Building (Steel Structure)
4. One Storey shed building (Store)

Factory Address: A-1/5, Mojidpur (Borobolimeher), Savar, Dhaka, Bangladesh

Points of contact:

1. Engr. Md. Shamsul Islam Khan Shovon
DGM- Technical Operation
Pakiza Knit Composite Ltd
Contact No: 01787650906
Email: shamsul.khan@pakizaknit.com

2. Mostafa Firoz Khan
Sr. General Manager
Admin, HR and Compliance
Pakiza Knit Composite Ltd.
Contact No: 01787650903
Email: info@pakizaknitcomposite.com



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	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
1	Fire Rated Construction	The exit stairs are not separated on each floor by fire-rated construction. Location: Building 1 & 2	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.	Within 3 months	 The top photograph shows a staircase area with a fire-rated door that is not properly sealed or latched. The bottom photograph shows a staircase area with a fire-rated door that is not properly sealed or latched.



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: Building-2	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	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
3	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas. Location: Building 1 (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	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Fire Rated Construction	Exit access corridor serving more than 30 occupants is not separated by fire rated construction. Location: Building-2	Separate the corridor by a minimum 1-hr fire rated construction.	Within 3 months	 



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Fire Rated Construction	Unsealed elevator shafts are located inside the working place in Building-1 and unprotected openings with floor were found at elevator shaft of Building-2 .	Provide a minimum 2-hr fire-rated elevator shaft to separate from each floor level and seal all penetrations in floor/ceiling assemblies to maintain the fire separation.	Within 3 months	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
6	Fire Rated Construction	Boiler and compressor room is not separated by fire rated construction (openings, non-rated doors, penetrations). Location: Utility Building	Separate the Compressor and Boiler room by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 3 months	 The top photograph shows an interior view of a utility building with a doorway. Two white arrows point from text labels to the doorway: 'Compressor Room' points to the upper part of the doorway, and 'Office Room' points to the lower part. The bottom photograph shows a large, white, cylindrical industrial boiler with the label 'OMAR ROYAL BOILER' on its side. Both photographs have a timestamp '30/03/2017 13:09' in the bottom right corner.



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
7	Fire Rated Construction	The pump rooms (two) are not provided with adequate fire separation. Location: Building-2	Provide fire pump room with 2 hr rated fire separation when not sprinklered and 1 hr rated fire separation when provided with automatic sprinklers, in accordance with NFPA 20. In the case exterior it shall be 50 ft. away from another occupancy.	Within 3 months	 



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Means of Egress	Shutter type doors are provided along means of egress [building exit] Location: Building-2	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	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
9	Means of Egress	Storage was located in the egress path & under exit stair. Location: Building-2	Keep egress paths and stairs clear of storage.	Immediate	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
10	Fire Detection System	Fire alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards. Location: Building 1 & 2	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval	Design within 3 months, Install within 9 months	  



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
11	Fire Detection ITM	Inspection, testing, and maintenance for the fire detection system is not in accordance with NFPA 72. Location: Building 1 & 2	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
12	Inadequate Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: Building 1 & 2	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	 
13	Egress Lighting	Manual on-off switch is provided for exit signage and emergency lighting units. Location: Building 1 & 2	Remove manual on/off switches from exit signage & emergency lighting units to prevent them from being switched off.	Within 3 months	 



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
14	Emergency Lighting ITM	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard. Location: Building 1 & 2	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months	
15	Fire Extinguisher ITM	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10. Location: Building 1 & 2	Inspect, test and maintain the portable fire extinguishers and keep written records on- site, in accordance with NFPA 10 and ACCORD standards.	Within 3 months	

