

FIRE SAFETY INSPECTION REPORT

Factory Name: Comptex Textiles Ltd. (New Building)

ACCORD ID: 12577

ADDRESS: Vulta, Rupgonj (23.7720005, 90.5594196)

Other Factories: None



Inspected By: Md Rafat Arefin & Md Jobaidul Islam

Date: 16th February, 2017

Fire Safety Inspection Report

Factory Name: Comptex Textiles Ltd. (New Building)

Summary:

Comptex Textiles Ltd. (New Building) was surveyed for fire safety on **16/02/2017** 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. 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.



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	Fire door has been installed without proper hardware. (Door coordinators were missing from double leaf door, Automatic hold-open-closing devices were missing)	Install fire doors with proper hardware's and maintain checklist as per Accord's recommendation. 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
				



Sl No.	Category	Findings	Required Action	Remediation Time Frame
2	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures. Location- South exit stair and East exit 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
				



Sl No.	Category	Findings	Required Action	Remediation Time Frame
3	Fire Rated Construction	The exit stairs are not separated from miscellaneous spaces on each floor by fire-rated construction. Location: West exit stair and South exit stair	Stair shall be enclosed with a minimum 2-hr fire-rated construction. Seal all unprotected openings and provide minimum 1.5-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, positive latching and that they are provided with fire exit (panic) hardware where serving production floors. 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
4	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed. Location: Electric Shaft for Bussbar system near North-East exit stair.	Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 3 months
				



Sl No.	Category	Findings	Required Action	Remediation Time Frame
5	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: Ground floor & Cutting section at 2nd floor.	Provide defined storage areas and limit the storage arrangement as follows:- Maximum height of 2.4m and maximum area of 23m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 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
6	Egress	Sliding type doors have been provided along means of egress. Location: 3rd and 4th floor egress route between Sewing and Finishing section.	Replace all collapsible/sliding/shutter type doors & gates by the side-hinged swinging type doors.	Within 3 months
				



SI No.	Category	Findings	Required Action	Remediation Time Frame																																												
7	Egress	Exit capacity is not adequate for the occupant load. Location: 3rd Floor; Occupant load- 733 person, Exit Capacity- 717 person	1. Reduce occupant load to not more than available exit capacity. Or 2. Provide additional exits to increase exit capacity.	Within 3 months																																												
<table><tr><th colspan="4">Complex Bangladesh Ltd.</th></tr><tr><th colspan="4">Complex Building-03</th></tr><tr><th colspan="4">Total Manpower Summary</th></tr><tr><th>SI No</th><th>Floor</th><th>Total Manpower</th><th>Remarks</th></tr><tr><td>1</td><td>Basement</td><td>0</td><td></td></tr><tr><td>2</td><td>Level-01</td><td>16</td><td></td></tr><tr><td>3</td><td>Level-02</td><td>35</td><td></td></tr><tr><td>4</td><td>Level-03</td><td>305</td><td></td></tr><tr><td>5</td><td>Level-04</td><td>733</td><td></td></tr><tr><td>6</td><td>Level-05</td><td>380</td><td></td></tr><tr><td colspan="2">Grand Total=</td><td>1469</td><td></td></tr></table>			Complex Bangladesh Ltd.				Complex Building-03				Total Manpower Summary				SI No	Floor	Total Manpower	Remarks	1	Basement	0		2	Level-01	16		3	Level-02	35		4	Level-03	305		5	Level-04	733		6	Level-05	380		Grand Total=		1469			
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8	Egress	Egress aisles were obstructed by combustible storages and available clear width were found less than 36 inch. Location: 3rd and 4th Floor	Provide aisles free from obstructions and with minimum clear widths of 36-inch.	Within 3 months																																												



SI No.	Category	Findings	Required Action	Remediation Time Frame
				
9	Fire Protection	Fire detection and alarm system has not been installed as per NFPA-72. (Heat detectors were installed without maintaining minimum listed spacing at Ground floor, Detectors and MCP were missing in places.)	Modify the fire alarm system in accordance with NFPA 72.	Within 3 months



Sl No.	Category	Findings	Required Action	Remediation Time Frame
				
10	Fire Protection	For Individual building Comptex Textiles Ltd. (New BLDG) 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



Sl No.	Category	Findings	Required Action	Remediation Time Frame
11	Fire Protection	For Individual building Comptex Textiles Ltd. (New BLDG) 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
12	Fire Protection	The building has an occupied floor greater than 10 meter (33 feet) and The standpipe system has not been installed as per NFPA 14	Provide standpipe and hose system as per NFPA 14 & 20.	Within 6 months



Sl No.	Category	Findings	Required Action	Remediation Time Frame
				
13	Fire Protection	Fire Pumps are not installed as per NFPA-20 & 25	Install fire pump as per NFPA-20 & 25	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
				
14	Fire Protection	Inspection, testing, and maintenance for the stand-pipe system is not maintained in accordance with NFPA 14 or as per Accord standard. (Only Weekly documents maintained)	Routinely Inspect, test and maintain the stand-pipe system, and keep written records on-site, in accordance with NFPA 14 or as per Accord standard.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
15	Fire Protection	Inspection, testing, and maintenance for the fire pump is not maintained in accordance with NFPA 20 or as per Accord standard. (Only Weekly documents maintained)	Routinely Inspect, test and maintain the fire pump, and keep written records on-site, in accordance with NFPA 20 or as per Accord standard.	Within 3 months
16	Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed. Location: All through the Building	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
17	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: Throughout the building	Provide emergency lights at all the Location where there is any kind of occupancies.	Within 3 months
18	Egress Lighting	Exit sign not provided at exit. Location: Office area & Medical room	Lighted exit signs shall be placed at entrance to an exit. Additional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious. Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
				
19	Egress Lighting	For Individual building Comptex Textiles Ltd. (New BLDG) 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

