

FIRE SAFETY INSPECTION REPORT

Tanzila New building, extension

ACCORD ID: 23043

Baroypara, Ashulia, Savar, Dhaka

Other Factories: Tanzila Textile Ltd



Inspected By: Pantha Pallob Das and Ahammad Kabir

Date: 12 March, 2018

Fire Safety Inspection Report

Factory Name: Tanzila New building, Extension

Summary:

Tanzila New building, Extension complex was surveyed for fire safety on 12/03/2018 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 :

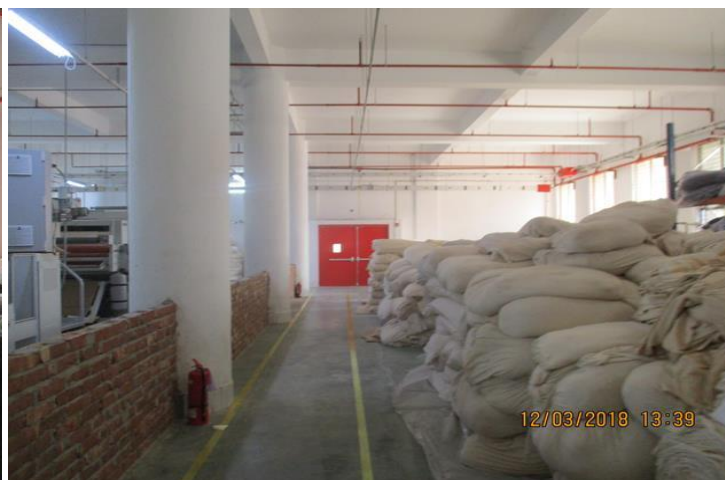
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Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Areas used for combustible storage open to the factory are not separated by fire rated construction.	Separate the dedicated storage rooms by minimum 1-hr fire-rated construction. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) and maximum area of 23m² (250 ft²) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m² (305ft²). Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire rated construction as the installed fire rated doors were not functional and unprotected opening (90 Deg) within 10 ft distance (middle stair).	The exit stair enclosure shall be provided with a minimum 1-hr fire resistance rating for buildings with 3 or fewer stories and a minimum of 2- hr. fire resistance rating for buildings 4 or more stories. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction for building with 3 or fewer stories. Provide 1.5 hr. fire rated door and seal all penetrations and openings by 2 hr. fire rated fire rated barrier construction for building with 4 or more stories. Provide a fire-resistive rated assembly between the exterior exit stairs and the building up to 10 ft. beyond the end of the stair to achieve the required separation. The rated assembly shall be approved and/or designed by a qualified fire protection engineer. Ensure that the fire doors are self-closing and 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
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F-3	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. Location: Electrical riser on every floor.	Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 1 month
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F-4	Egress	Exit stairs serve more than 5 stories and do not have required reentry provisions on required floors.	Every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets ACCORD standard 6.8.3.1.	Within 3 months
F-5	Egress	Storage were noted inside of south side stair during inspection.	Remove all type storage facility from stair.	Immediate



F-6	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes and at exit stairs on all floors.	Test the emergency lighting system on each floor and provide additional emergency fixtures to supply adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and along exit discharge paths and a minimum 2.5 lux along exit access aisles.	Within 3 months
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F-7	Fire Rated Construction	Exit signage was not provided along a path of egress. This is typical on all floors.	Provide exit signs above all building exits to the exterior, all doors to the exit stairs and along all paths of travel where a change of direction is not obvious.	Within 1 month
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F-8	Fire Detection and Alarm System	Fire detection and alarm system installation is not complete as per NFPA-72.	Complete the fire detection and alarm system installation as per NFPA-72. Design shall be submitted to ACCORD Chief Safety Inspector for review prior to installation of the system.	Design review within 2 months and modification within 4 months (if require).
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F-9	Fire Detection and Alarm System (ITM).	Inspection, testing and maintenance (ITM) for the fire detection and alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection and alarm system and keep written records on-site, in accordance with NFPA 72.	Within 01 month (After complete installation)
F-10	Fire Protection System	The highest occupied floor of existing building is more than 23 m (75 ft.) above grade where automatic sprinkler system is required and but system is not installation complete as per requirement.	Complete installation of sprinkler system throughout the building along with required hydrant system as per NFPA-13, 14, 20, 22 and 24. Design shall be submitted to ACCORD Chief Safety Inspector for review prior to installation of the system.	Design review within 2 months and modification within 4 months (if require).
F-11	Fire Protection System (ITM)	Inspection, testing and maintenance (ITM) of the sprinkler and standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the sprinkler and standpipe system and keep written records on-side, in accordance with NFPA 25.	Within 01 month (After complete installation)



F-12	Fire Protection System (ITM)	Inspection, testing and maintenance (ITM) of the fire pump is not in accordance with NFPA 25.	Inspect, test and maintain the fire pump and keep written records on-side, in accordance with NFPA 25.	Within 01 month (After complete installation)
F-13	Fire Protection System (ITM)	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 NFPA 10.	Within 1 month

