

FIRE SAFETY INSPECTION REPORT

CHORKA TEXTILE LIMITED (NEW BUILDING)

ACCORD ID: 22933

**Kazichor, Danga, Polas, Norshingdi
(23.897383, 90.574047)**

OTHER FACTORY (S): NONE



Inspected By: Md. Anayet Hossain.

Date: 28 September, 2017

Fire Safety Inspection Report

Chorka Textile Ltd. (new building)

Introduction:

Chorka Textile Ltd. (new building) was surveyed for fire safety on 28/09/2017 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.



Findings & Recommendations :

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	The exit stairs enclosures are not separated from work areas and other spaces on each floor by fire-rated construction(Non rated doors, unsealed penetrations and openings etc.).	Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 1.5-hr fire rated doors for buildings that are 4 or more stories. Seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. 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. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets.	Within 3 months





2	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction properly. Location: Ground Floor.	Provide dedicated storage room separated by minimum 1-hr fire-rated construction.	Within 3 months
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3	Fire Rated Construction	Areas used for combustible storage are not separated by fire rated construction in several floors.	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 23m² - 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.	Within 3 months
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4	Fire Rated Construction	The elevators are discharges inside the production floor. [Unsealed penetrations & openings] Location: All floors except ground.	Provide a minimum 2-hr fire rated construction to separate the elevator shaft from each floor level. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 months
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5	Fire Rated Construction	Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies. Location: Electrical riser for all floor.	Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 months
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6	Egress	Egress doors/gates with locking features not complying with NFPA101 are provided at various building exists.	Remove locking features from all egress doors/gates. If locks are required for security reasons, utilize specialized door locking features complying with NFPA101.	Immediate
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7	Egress	Uneven path of travel and blockage in exit access. Location: Ground floor North & East Side.	Remove unnecessary items and level exit path to the public way.	Within 3 months
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8	Egress	Storage was located in several exit stairs.	Remove storage from the exit stairs and egress path	Immediate
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9	Egress	Storage were located in several egress paths.	Keep egress path and stair clear of storage	Immediate
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10	Egress	Electrical DB were located in exit stairs.	Remove storage from the exit stairs and egress path	Immediate
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11	Egress	Building did not have stair designation signs or occupant load signs at the required .	Provide stair designation signs and occupant load signs at the required locations.	Within 1 month
12	Fire Detection and Alarm System	The fire detection and alarm system is antiquated, not a listed system and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire detection system with a new, listed addressable fire detection system in accordance with NFPA 72.	Design within 4 months, Install within 9 months





13	Fire Protection System	The existing building has an occupied floor greater than 10 meter (33 feet) and is not provided with proper standpipe protection.	Install a new standpipe system, fire pump & fire department connection in accordance with NFPA 14,20,22 & 24. A class I system shall be permitted in buildings protected throughout by an automatic sprinkler system.	Design within 4 months, Install within 9 months
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14	Fire Detection and Alarm System-ITM	Inspection, testing, and maintenance (ITM) for the fire detection system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months (After complete installation)
15	Fire Protection System (ITM)	Inspection, testing and maintenance (ITM) of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 and ACCORD standards.	Within 3 months (After complete installation)
16	Egress Lighting	Manual on-off switch facility available for emergency lights/exit signs.	Remove manual on/off switches from emergency lighting units/ exit signs to prevent them from being switched off.	Within 1 month
17	Emergency Lighting-ITM	Inspection, testing, and maintenance (ITM) for the emergency lighting system were 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
18	Egress Lighting	The directional signs are not provided where there is a change in direction and where the continuation of the egress path is not obvious.	Install illuminated directional sign where there is a change in the direction of the path of travel.	Within 1 month



19	Egress Lighting	Based on the number and location of emergency lights/exit signs observed, adequate illumination levels are not anticipated along egress routes. Location: All through the building.	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
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