

FIRE SAFETY INSPECTION REPORT

Quazi Abedin Tex Ltd

ACCORD ID: 12690

**Shovapur, Rajfulbaria, Savar, Dhaka
(23.807612, 90.258660)**

Other Factories: None



Inspected By: Nirmal Chandra Sinha and Nasif Javed Tofa

Date: 08 February, 2017

Fire Safety Inspection Report

Factory Name: Quazi Abedin Tex Ltd.

Introduction:

Quazi Abedin Tex Ltd was surveyed for fire safety on 08 February, 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:

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.



Table-1: Findings & Recommendations

Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The boiler/generator/transformer room is not separated by fire rated construction (openings, non-rated doors, penetrations). Location: Utility Building.	Separate the generator/transformer/boiler room by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 3 months



F-2	Fire Rated Construction	Compressor room is not separated by fire rated construction (openings, non-rated doors, penetrations). Location: South side of the building adjacent to the ground floor.	Separate the compressor room by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 3 months
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F-3	Fire Rated Construction	The exit stairs are not separated from [work areas, other spaces] on each floor by fire rated construction. Door coordinators were not working properly.	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. 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 ACCORD standard 6.8.3.1. Ensure all the parts are properly installed.	Within 3 months
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F-4	Fire Rated Construction	Unsealed penetrations and openings are located in the exit stair enclosures. Location: all the exit stairs.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations as per Accord standard 6.3.1.3.	Within 3 months
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F-5	Fire Rated Construction	Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies. Location: Electrical riser and standpipe riser at south east, north east west middle side of the building.	Provide a minimum 2-hr fire rated shaft to separate the utility risers 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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F-6	Egress	Combustible storages and electrical panel was located in exit stair encloser on basement area at north east and south east stair.	Remove storage from the exit stairs and egress path.	Immediately
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F-7	Fire Rated Construction	Unseal penetrations were observed along the discharge path from ground floor to direct outside discharge. Location: North side of the building beside ramp.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft., to provide a minimum 1-hr fire separation.	Within 1 month
F-8	Fire Protection	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval	Design within 2 months and Modification within 6 months.





F-9	Fire Protection	Inspection, testing, and maintenance 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
F-10	Fire Protection	Standpipe system installation requires detailed review to confirm compliance with NFPA 14 and ACCORD standards	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval	Design within 2 months Modification within 6 month.





F-11	Fire Protection	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 14.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 14 and ACCORD standards.	Within 3 months
F-12	Egress Lighting	Manual on-off switch is provided for [emergency lighting / exit signage] units.	Remove manual on/off switches from [emergency lighting /exit signage] units to prevent them from being switched off.	Within 1 month





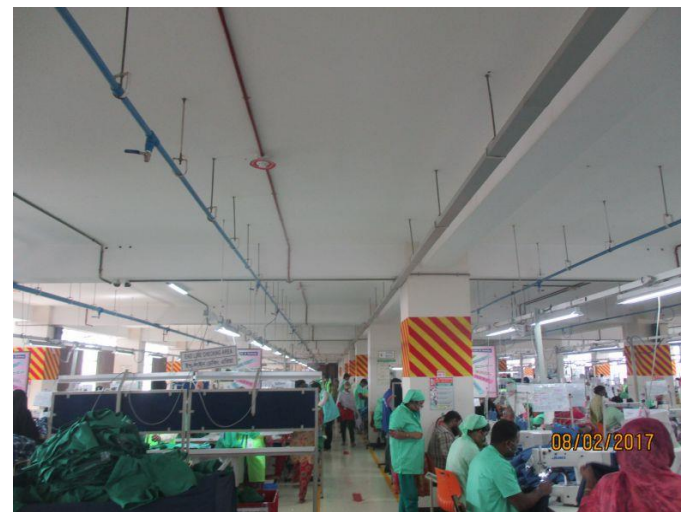
F-13	Egress Lighting	Exit signage not illuminated (burned out, broken, etc.).	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs	Within 1 month
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F-14	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	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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F-15	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was 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
F-16	Egress	Parapets or guards are provided in occupied roof which is less than 1067mm (42 inch.).	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months





F-17	Fire Protection	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 and ACCORD standards.	Within 3 months
F-18	Egress	Stair designation signs at floor entrances and occupant load signs at required exit stair entrances are not accordance with standard.	Update stair designation signs, occupant load signs and emergency evacuation plans at required locations.	Immediately

