

FIRE SAFETY INSPECTION REPORT

FAKIR APPARELS LTD.

**16/17A BSCIC INDUSTRIAL AREA, ENAYETNAGAR,
FATULLAH.**

OTHER FACTORIES: NONE.



ACCORD
on Fire and Building Safety in Bangladesh

September 1, 2014

SUMMARY

Fakir Apparels Ltd. was surveyed for fire safety on 9/1/2014 by Hughes Associates, Inc. This summary identifies the major deficiencies that were identified during the inspection.

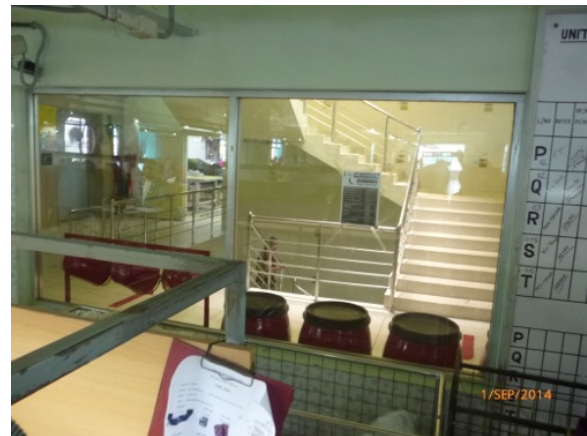
The purpose of this survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The inspection did not include identification of minor deficiencies, which will be further addressed as part of follow-up inspections.

Tables 1 - 11 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue.

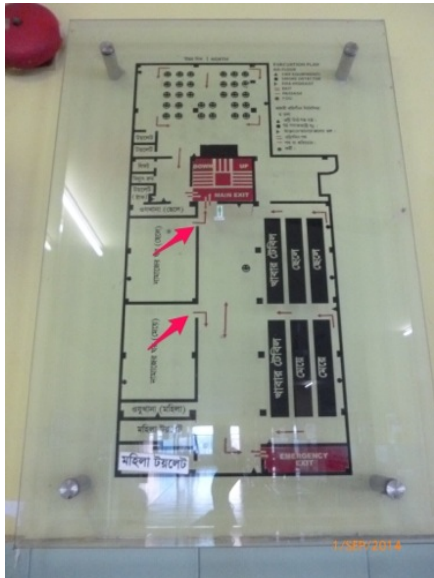
An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the Accord for approval.

Table 1. Findings And Recommendations - Building 1.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Rooms used for combustible storage in ground floor are not separated by fire-rated construction. (Ground floor).	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
F-2	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction.	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 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



F-3	Egress	A single means of egress is provided from prayer room.(8th floor)	Provide additional means of egress.	Within 3 months
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F-4 Egress

Both exit stairs discharge inside the building and has opening door going to storage room.

Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).

Within 6 months

Or

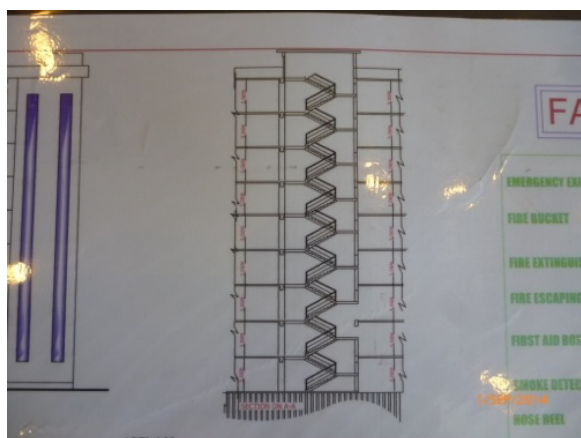
Provide sprinkler protection for discharge floor in accordance with NFPA 13.



F-5	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-6	Fire Protection	The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design within 6 months, install within 12 months
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F-7	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-8	Egress Lighting	Several emergency lighting did not function in test mode (burned out, broken, etc.).	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month



F-9	Egress Lighting	Manual on-off switch is provided for several emergency lighting and exit sign units.	Remove manual on/off switches from emergency lighting and exit sign units to prevent them from being switched off.	Within 1 month
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F-10	Egress Lighting	Several 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-11	Egress Lighting	Exit sign not provided at office exit on 2nd and 1st floor.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month
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F-12	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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Table 2. Findings And Recommendations - Building 2/3/16.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Several exit stairs were unenclosed in fire-rated construction on various floors. Specifically, the Building 2 northwest exit stair on the ground floor, the Building 3 southwest and southeast exit stairs on the ground and first floors and both Building 16 interior exit stairs (southeast and southwest) on all floors.	Enclose all exit stairs in 2-hr fire-rated construction on all floors.	Within 3 months





F-2	Fire Rated Construction	The Building 16 elevator shaft is not enclosed in fire-rated construction on any floor.	Separate the elevator shaft by a minimum 2-hr fire-rated construction.	Within 3 months
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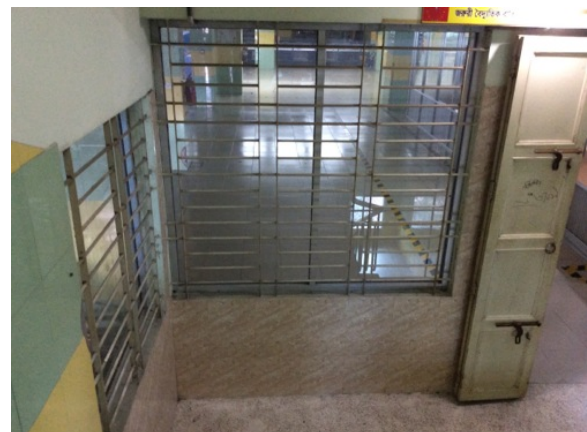
F-3	Fire Rated Construction	The diesel boiler in Building 16 is not separated by fire-rated construction and open to the factory floor. A 500 L. diesel fuel tank is also located adjacent to the boiler.	Separate the boiler by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations. Also, separate the diesel fuel storage from the boiler and factory floor by a minimum 2-hr fire-rated construction.	Within 3 months
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F-4	Fire Rated Construction	All elevator machine rooms were not separated by fire-rated construction. The elevator machine rooms in Building 2/3 were not provided with fire-rated doors and the elevator machine room in Building 16 was open to the factory floor.	Separate the elevator machine rooms. by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months
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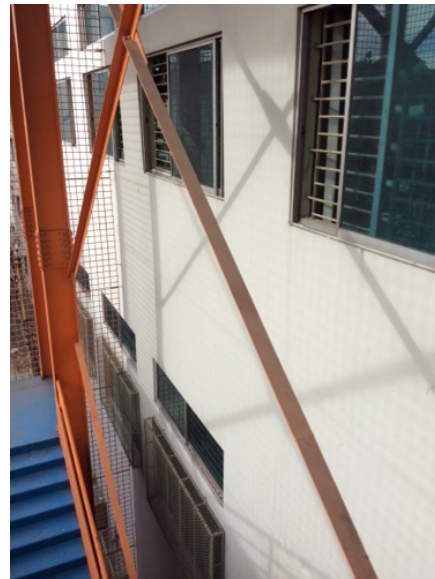


F-5	Fire Rated Construction	All exit stairs were not separated from work areas and other spaces on each floor by fire-rated construction. The Building 2/3 exit stairs had unprotected openings to the factory floor on all floors. The Building 3 northwest exit stair had a raised walkway to Building 1 and washroom and office areas that discharged to the exit enclosure on the first floor, a store room was also present within the exit enclosure on the sixth floor.	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 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-6	Fire Rated Construction	The Building 16 exterior exit stair had unprotected openings to the building interior.	Seal all unprotected openings to the building interior, adjacent to and extending at a distance of up to 10 ft. from the end of the exit stair.	Within 3 months
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F-7	Fire Rated Construction	Rooms used for combustible storage are not separated by fire-rated construction. Specifically, Building 2/3 had a dedicated storage room on the ground floor (sewing machine room) and Building 16 had a 80 ft. by 70 ft. racked storage area on the first floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-8	Fire Rated Construction	Areas used for combustible storage, open to the factory floor, are not separated by fire-rated construction. Specifically, storage was open to the factory floor in Building 2/3 on the ground, first, seventh and eighth floors and in Building 16 on all 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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F-9	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. Specifically, Building 2 had an electrical riser adjacent to the northwest exit stair on all floors and Building 3 had an electrical riser adjacent to the southwest exit stair on all floors and boiler piping on the sixth to eighth floors.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-10	Fire Rated Construction	The three (3) Building 2/3 gas dryers on the fifth floor were not separated by fire-rated construction and open to the factory floor.	Separate the gas dryers by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months
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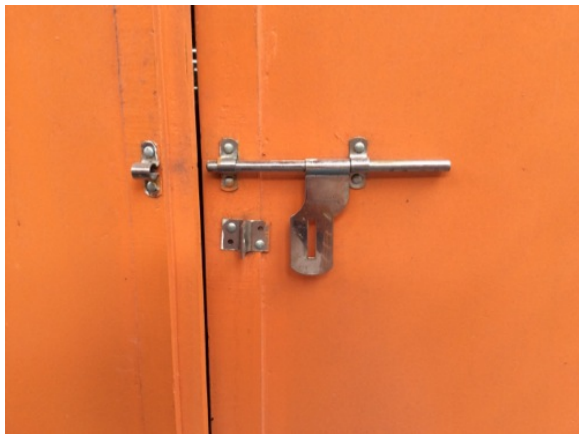


F-11	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures. Specifically, in the Building 3 southwest exit stair on the eighth and ninth floors and in the Building 2 northeast exit stair on the ground floor.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-12	Egress	Egress doors with locking features are provided at building exits, exit stairs, along egress routes and at exit discharge in Building 2/3 and at building exits, exit stairs and exit discharge in Building 2/3. All doors were not open and unlocked during the inspection, specifically access to the Building 2 northwest rooftop exit stair.	Remove locking features from all egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-13	Egress	Storage was located in the Building 2, northwest exit stair on the sixth floor and in the Building 3 southwest and southeast exit stairs on the sixth and ground floors, respectively.	Remove all storage from exit stairs and egress paths.	Immediate
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F-14	Egress	Sliding doors are provided at building exits, exit stairs and exit discharge in Building 2/3.	Replace all sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
			If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	



F-15	Egress	Common path of egress travel exceeds 30 m. and travel distance exceeds 60 m. in several locations. Specifically, in Building 16 on the ground and second floors from the north end of the building (three (3) aisles on the second floor) and in Building 3 along the egress route to the Building 1 exit stair.	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 30 m. and the travel distance to not more than 60 m.	Within 3 months
				
F-16	Egress	A single means of egress is provided from the Building 2, sixth floor prayer room.	Provide additional means of egress.	Within 3 months
F-17	Egress	The width of the egress aisle from the sixth floor female dining room to the Building 2 northwest exit stair was less than 36-in.	Provide minimum aisle widths of 36-in.	Within 3 months

F-18	Egress	Several exit stairs discharge inside the building to production areas on the ground. Specifically, the Building 2 northwest and northeast exit stairs (the northeast exit stair discharges to Building 16), the Building 3 southeast exit stair and both interior Building 16 exit stairs (southeast and southwest).	Provide sprinkler protection for the discharge floor in accordance with NFPA 13.	Within 6 months
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F-19	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-20	Fire Protection	The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design within 6 months, install within 12 months
F-21	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-22	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months



F-23	Egress Lighting	Manual on-off switch is provided for some exit signage units in Building 2/3.	Remove manual on/off switches from exit signage units to prevent them from being switched off.	Within 1 month
F-24	Egress Lighting	Exit signage not illuminated (burned out, broken, etc.). Specifically, the two (2) exit signs from the Building 2 northeast exit stair, rooftop chemical mixing room.	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs.	Within 1 month



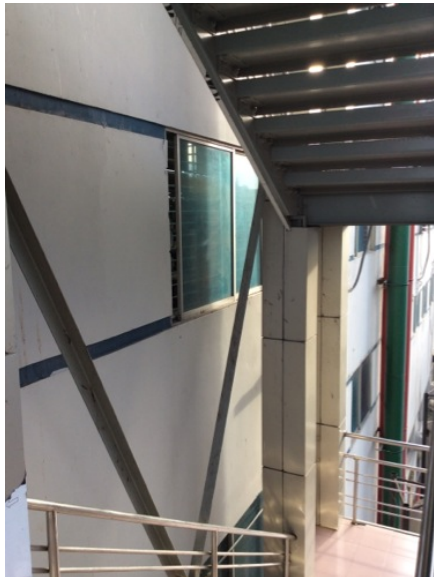
F-25	Egress Lighting	An exit sign along an egress route from Building 3 to Building 16, adjacent to the Building 3, second floor southeast exit stair, is incorrectly placed.	Remove the exit sign and place it above the entrance to the Building 3 southeast exit stair.	Within 1 month
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F-26	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along all 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
F-27	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months

Table 3. Findings And Recommendations - Building 4.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The generator areas on the ground floor was not separated from egress routes by fire-rated construction.	Separate the generator areas by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months
				
F-2	Fire Rated Construction	The exterior exit stair had unprotected openings to the building interior.	Seal all unprotected openings to the building interior, adjacent to and extending at a distance of up to 10 ft. from the end of the exit stair.	Within 3 months



F-3	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. Specifically, an electrical riser was adjacent to the southeast exit stair on all floors.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-4	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire-rated construction.	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 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-5	Egress	Egress doors with locking features are provided at building exits, exit stairs and at exit discharge. All doors were open and unlocked during the inspection.	Remove locking features from all egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-6	Egress	Storage was located in the north exit stair on the fourth floor.	Remove all storage from exit stairs and egress paths.	Immediate
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F-7	Egress	Sliding doors are provided at building exits and exit discharge.	Replace all sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
			If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	



F-8	Egress	An inadequate number of emergency evacuation plans were provided throughout the building.	Provide emergency evacuation plans in accordance with The ACCORD standard.	Within 1 month
F-9	Egress	A single means of egress is provided from the first floor.	Provide access to the exterior exit stair as a means of egress from the first floor.	Within 3 months
F-10	Egress	The exits from the second and third floor packing rooms were not remotely located from each other such that a single fire event could compromise both exits.	Modify the exit arrangement.	Within 6 months



F-11	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-12	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-13	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months



F-14	Egress Lighting	The exit sign from the third floor packaging room was facing in the wrong direction.	Position the exit sign so that it is facing in the direction of egress travel.	Within 1 month
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F-15	Egress Lighting	Exit signage not illuminated (burned out, broken, etc.). Specifically, exit signs at the two (2) building exits from the ground floor, an exit sign from the first floor office area and an exit sign from the third floor packaging room.	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs.	Within 1 month
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F-16	Egress Lighting	Exit signs were not provided at exits along egress routes in several locations on the first floor. Also an exit sign from the mezzanine office room was not provided.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month
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F-17	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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F-18	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along all 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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Table 4. Findings And Recommendations - Building 5.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Rooms used for combustible storage in ground floor are not separated by fire-rated construction. (Ground, 1st and 3rd floors).	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction.	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 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	Egress	Egress doors with locking features are provided at building exits and exit stairs. All doors were open and unlocked during the inspection.	Remove locking features from all egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-4	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-5	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
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F-6	Fire Protection	No smoke detection was provided in this building,	Provide automatic detection system connected to addressable fire alarm panel in accordance with NFPA 72.	Within 6 months
F-7	Egress Lighting	Exit sign not provided at exit on all floors.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month
F-8	Egress Lighting	No emergency light was provided inside the factory floor. (All floors).	Provide emergency light in all floor.	Within 1 month
F-9	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months

Table 5. Findings And Recommendations - Building 6/11.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Rooms used for combustible storage in ground floor are not separated by fire-rated construction. (Ground floor).	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
F-2	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction.	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 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



F-3	Egress	No emergency evacuation plan was provided in the building.	Provide emergency evacuation plan in accordance with ACCORD standard.	Immediate
F-4	Egress	Both exit stairs discharge inside the building.	Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). Or Provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 6 months



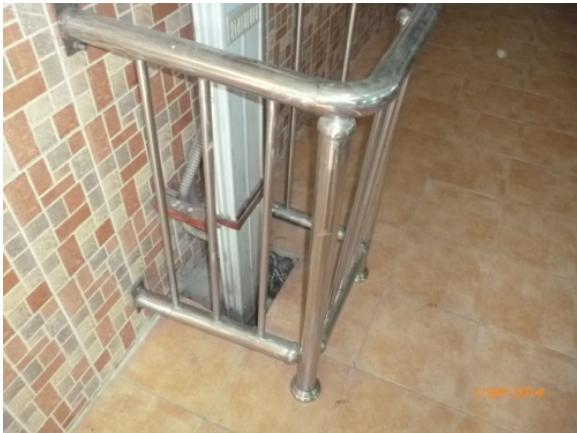
F-5	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-6	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-7	Egress Lighting	Exit sign not provided at exit in all floor.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month
F-8	Egress Lighting	Emergency light was not provided in the building. (All floors).	Provide emergency lighting in all floor in accordance ACCORD standard.	Within 1 month

Table 6. Findings And Recommendations - Building 7/8.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
 				
F-2	Fire Rated Construction	Rooms used for combustible storage in ground floor are not separated by fire-rated construction. (Ground floor).	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months

F-3	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction.	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 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-4	Egress	East exit stair discharge inside the building and has opening door going to storage room.	Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). Or Provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 6 months
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F-5	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-6	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-7	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months



F-8	Egress Lighting	Several emergency lighting did not function in test mode (burned out, broken, etc.).	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month
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F-9	Egress Lighting	Several 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-10	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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Table 7. Findings And Recommendations - Building 9.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Hazardous materials storage area is not separated by fire-rated construction on 4th floor.	Separate the hazardous materials / flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months

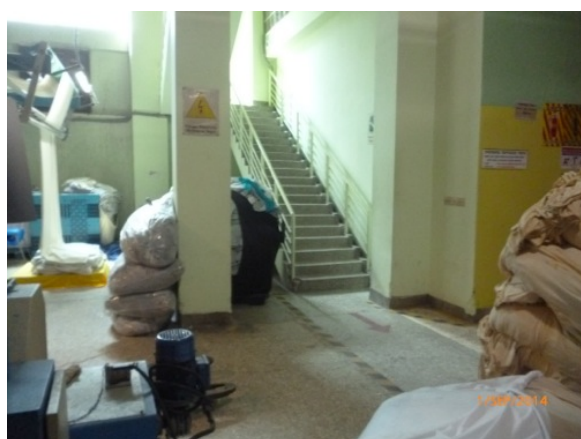


F-2	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.	Within 3 months
			If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	



F-3	Egress	Egress doors with locking features are provided at building exits, exit stairs and along egress routes. All doors were open and unlocked during the inspection.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-4	Egress	Both exit stairs discharge inside the building and has opening door going to storage room.	Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). Or Provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 6 months
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F-5	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-6	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-7	Egress Lighting	Exit sign not provided at exit on all floors.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month

F-8	Egress Lighting	Emergency lighting was not provided in this building.	Provided emergency lighting in all floor in accordance with ACCORD standard.	Within 1 month
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Table 8. Findings And Recommendations - Building 10.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Hazardous materials storage area is not separated by fire-rated construction on ground floor.	Separate the hazardous materials / flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction.	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 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	Egress	Egress doors with locking features are provided at building exits, exit stairs and along egress routes. All doors were open and unlocked during the inspection.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-4	Egress	Emergency evacuation plan was not provided.	Provide emergency evacuation plan in all floor in accordance in ACCORD standard.	Immediate
F-5	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months



F-6	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-7	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months



F-8	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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Table 9. Findings And Recommendations - Building 13/14.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Egress	No emergency evacuation plan was provided.	Provide emergency evacuation plan in accordance in ACCORD standard.	Immediate
F-2	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months





F-3	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-4	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months



F-5	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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Table 10. Findings And Recommendations - Building 15.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Rooms and areas used for combustible storage are not separated by fire-rated construction. (Ground floor).	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
F-2	Egress	No emergency evacuation plan was provided.	Provide emergency evacuation plan in accordance in ACCORD standard.	Immediate
F-3	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months



F-4	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
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F-5	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months
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F-6	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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Table 11. Findings And Recommendations - Building 21.

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Rooms and areas used for combustible storage are not separated by fire-rated construction.	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



F-2	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-3	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
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F-4	Fire Protection	Inspection, testing, and maintenance of the automatic sprinkler system is not in accordance with NFPA 25.	Inspect, test and maintain the automatic sprinkler system, and keep written records on-site, in accordance with NFPA 25.	Within 3 months
F-5	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months



F-6	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 accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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