

FIRE SAFETY INSPECTION REPORT

Fakir Fashion Ltd. (Extension 2)

ACCORD ID: 23771

Dohargaon, Baliapara, Rupgonj, Narayangonj

23.784037, 90.587276

Other Factories: None



Inspected by: Md. Rakibul Alam & A.K.M. Monoarul Huda

Date: 27 August 2019



Summary

Fakir Fashion Ltd. (Extension 2) was surveyed for fire safety on 27 August 2019 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.



Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Exit stairs are not separated from work areas & other spaces on each floor by fire-rated construction due to unprotected openings and penetrations. (Shared stairs from building 3 & 4 for building 6 has several unsealed openings and penetrations also some are not enclosed by fire rated construction).	Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr fire-rated construction. Provide minimum 1.5- hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation. Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies. 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 ACCORD standard 6.8.3.1.	Within 3 months





F-2 Egress

Exit stairs widths were less than 1.5m (59 in) at building-7 and stairs those were shared with building-6.

Provide minimum 1.5m (59 in) unobstructed and clear width of exit stairs as per Accord 6.5.6.2.1.

Within 6 months



F-3	Fire Rated Construction	Office on the 4th floor is not separated by a minimum 2-hr fire-rated construction.	Provide separated office rooms separated by minimum 2-hr fire-rated construction having direct access to the exit stair or outside of the building.	Within 3 months
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F-4	Fire Rated Construction	Unsealed electrical shaft is located in the fire-rated floor/ceiling assemblies. (Building-6)	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level and seal all penetrations in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-5	Fire Rated Construction	Storage rooms on all floor and both building discharges directly into the exit stair discharge.	Openings from exit enclosure to storage room, generator and hazard spaces shall be provided with a vestibule with fire rated construction and openings.	Within 3 months
			Provide a 1.5 hr. fire rated door on the exit stair side and a 1-hr. fire rated door on the Store, generator, sub-station room side. Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure.	



F-6	Fire Rated Construction	The elevator does not have the proper fire rating for the elevator door at building-6 and lift shaft and door at building-7.	Provide the proper 2-hr fire rating for the shafts and 1.5 hr fire rating for the elevator doors.	Within 3 months
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F-7	Fire Protection	The fire alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval/acceptance test.	Within 2 months
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F-8	Fire Protection	The fire pump set installation requires detailed review to confirm compliance with NFPA 20 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval/acceptance test.	Within 2 months
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F-9	Fire Protection	The standpipe system installation requires detailed review to confirm compliance with NFPA 14 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval/acceptance test.	Within 2 months
F-10	Egress	Fire evacuation maps is not posted at the entrance of the exits at most of the floors and provided maps does not reflect the actual factory floor and evacuation route.	Fire evacuation maps shall be posted at the entrance to each exits and exit stairs and actual floor shall be reflected on maps.	Within 1 month



F-11	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 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
F-12	Fire rated Construction	The newly constructed roof have steel trusses and tin roof sheet. (All building-7).	New construction shall be Type-1 or Type-2 construction in accordance with Accord standard 3.5.2.1 and BNBC Part-2, Table-3.2.4. Ensure fire-resistive rated construction following Section 4.4 and Table 4.4.1 of the Accord Standard or Table 3.3.1 and Table 4.1.1 from BNBC Part 4.	Within 4 months



F-13	Fire Rated Construction	The exit discharge path serving the [S-E exit] is less than 10 ft wide and is not separated from the building-7 ground floor interior.	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 3 months
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F-14	Fire Rated Construction	Exterior exit stair is not properly separated from the buildings. (Both building).	Exterior exit stairs shall be separated from the building with a rating requirement of 1-hr fire rating for 3 or fewer stories and 2-hr fire rating for 4 or more stories. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structure.	Within 6 months
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F-15	Egress	Exit capacity is not adequate for the occupant load at 1st floor of building-7.	Reduce occupant load immediately to not more than available exit capacity (533). Provide additional exits in the future to increase exit capacity.	Immediately
F-16	Fire Rated Construction	Fire-rated floor/ceiling assemblies have unprotected openings.	Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months

