

FIRE SAFETY INSPECTION REPORT

L' USINE FASHION LTD. (UNIT-2)
36, GAZIPURA SANTAISH ROAD, TONGI, GAZIPURA
-1712, BANGLADESH



ACCORD
on Fire and Building Safety in Bangladesh

March 15, 2014

SUMMARY

L' Usine Fashion Ltd. (Unit-2) was surveyed for fire safety on 3/15/2014 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.

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	The exit stairs are not separated from work areas, the elevator shaft, 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, the elevator shaft, 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-2	Fire Rated Construction	Unsealed penetrations and openings with electrical panel are located in NW exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-3	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction at adjacent to NW stair on 4th floor, work area on 3rd floor, adjacent to female toilet on 2nd floor and work area on 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
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F-4	Fire Rated Construction	The washer and dryers on 1st floor are not separated by fire-rated construction.	Separate the washer and dryer room 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	Hazardous materials / flammable liquid storage in the corridor in front of boiler room, loading dock and exterior egress route from SE exit stair is not separated by fire-rated construction.	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
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F-6	Fire Rated Construction	The boiler / generator / transformer rooms are not separated by fire-rated construction.	Separate the boiler / generator / transformer 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-7	Fire Rated Construction	Flammable liquid storage near the loading dock and LPG storage near the main entrance on ground floor are not separated by fire-rated construction.	Relocate the hazardous materials / flammable liquid storage to a dedicated room separated by minimum 2-hr fire-rated construction.	Within 3 months
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F-8	Egress	Egress doors with locking features are provided at storage room on 6th floor.	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-9	Egress	Locking features are provided at egress door leading to SE exit stair on 6th floor.	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-10	Egress	Egress door with locking features is provided at secondary exit door at office leading to 5th floor SE exit stair.	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-11	Egress	Access control with locking features is provided at door along egress routes from the office leading to NW exit stair.	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-12	Egress	Egress door with locking features is provided at main office lobby door on 5th floor.	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-13	Egress	Trash can with combustibile materials was located in the NW exit stair.	Remove all storage from exit stairs and egress paths.	Immediate
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F-14	Egress	Egress doors / gates with locking features are provided at exit discharge door from SE stair on Ground floor and door from work area on 4th floor.	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-15	Egress	Sliding doors are provided at exit stairs on roof top.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
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If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



F-16	Egress	Sliding door is provided at along egress routes on 6th floor between 2 spaces.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
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If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



F-17	Egress	Sliding doors are provided at exit discharge doors on ground floor.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
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If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



F-18	Egress	Handrails are not provided in the NW exit stair .	Provide handrails on at least one side of exit stair.	Within 3 months
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F-19	Egress	The exits in the work area on ground floor are not remotely located from each other (less than one-half maximum diagonal distance of space) such that a single fire event could compromise both exits.	Modify exit arrangement to provide remote exits. Alternatively, provide sprinkler protection for ground floor in accordance with NFPA 13.	Within 6 months
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F-20	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-21	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were not available.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months

F-22	Egress Lighting	Exit sign is not provided at office secondary exit door on 5th floor.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month
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