

FIRE SAFETY INSPECTION REPORT

FASHION STEP LTD.

**16/3, TILARGATI ROAD, SHATAISH, GAZIPURA,
TONGI, GAZIPUR**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh



April 1, 2014

SUMMARY

Fashion Step Ltd. was surveyed for fire safety on 01-04-2014 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	Hazardous materials storage area is not separated by fire-rated construction (openings, non-rated doors, penetrations).The storage areas are not fully provided with fire rated separation.	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 generator room is not separated by fire-rated construction openings, non-rated doors, penetrations. At ground floor.	Separate the generator 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-3	Fire Rated Construction	The boiler room is not separated by fire-rated construction openings, non-rated doors, penetrations. At ground floor	Separate the boiler 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-4	Fire Rated Construction	The transformer room is not separated by fire-rated construction openings, non-rated doors, penetrations.	Separate the transformer 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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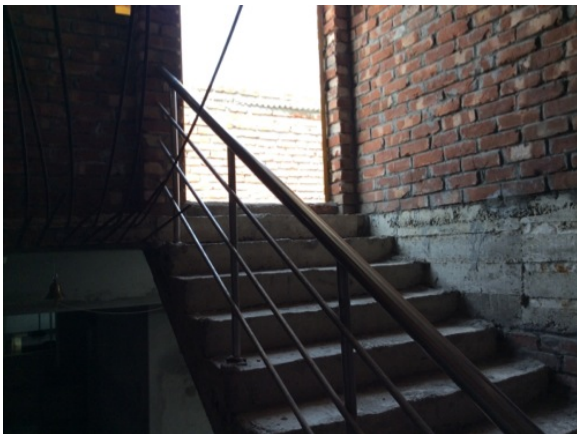


F-5	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction. All store areas are open to production floors in all levels.	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"> - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² <p>Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</p>	Within 3 months
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F-6	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on all floors in all building exit stairs, and exit discharge 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-7	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge. Padlock type locking features in all floor exits. All doors were open and unlocked at the time of 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-8	Egress	Storage was located in the egress path and open to production floor in all levels.	Keep egress paths and stairs clear of storage.	Immediate
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F-9	Egress	Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, exit discharge. In all floors .	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
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F-10	Egress	Exit stairs on the northwest side discharges inside the building on the covered garage parking area at ground floor.	- Modify stair to discharge directly outside. or - Provide 2-hr fire-rated exit passageway leading directly outside the building.	Within 6 months
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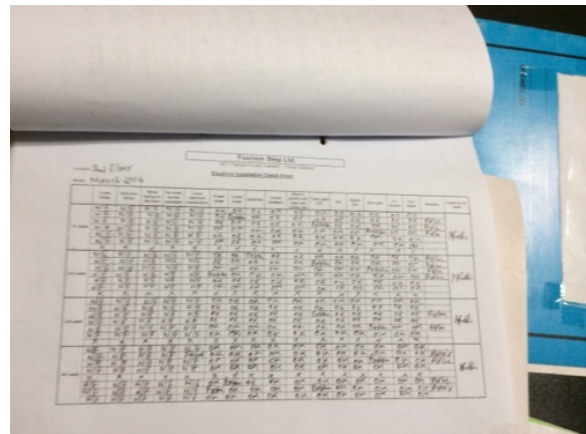
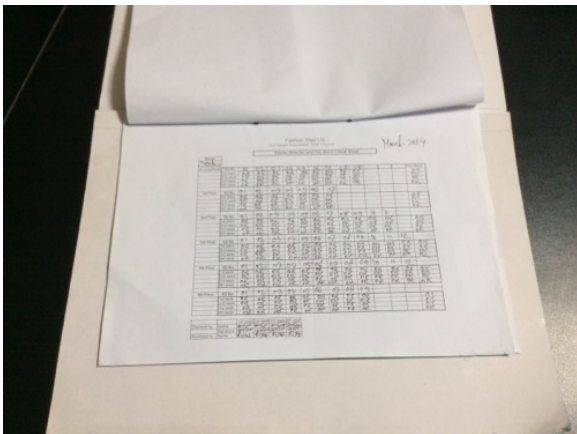


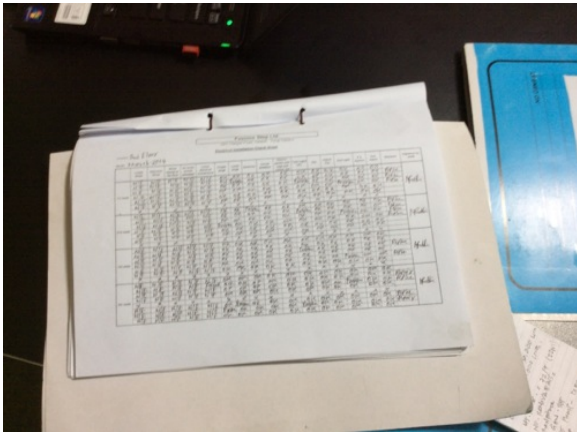
F-11	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-12	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were available but 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-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.	Replace the single-station smoke alarms with automatic smoke detectors tied into the fire alarm system. Configure the fire alarm system to initiate occupant notification upon activation of any two smoke detectors in addition to the manual fire alarm stations.	Within 6 months
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F-14	Fire Protection	There is no Stand pipe system provided at the ground floor and also there is inadequate quantity for the hose reel system installed at the northwest side stairwell.	Should provide stand pipe system and fire hose cabinet in accordance with NFPA-14	Within 6 months
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