

FIRE SAFETY INSPECTION REPORT

**BODY FASHION LTD.
NAOJUR, CODDA JOYDEVPUR**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

Bangladesh Accord
Foundation

March 26, 2014

SUMMARY

Body Fashion LTD. was surveyed for fire safety on 26-03-2014 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
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F-1	Fire Rated Construction	Under of exit stairs at ground floor was used as store areas and northeast exit stair landing at 1st ,2nd ,3rd and 4th floor were used as store areas for unused machineries	Remove storage from exit stairs.	Immediate
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F-2	Fire Rated Construction	Unsealed penetrations and openings are located in the utility rooms at ground floor .	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level.	Within 3 months
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Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.





F-3	Fire Rated Construction	The boiler and generator room is not separated by fire-rated construction (openings, non-rated doors, penetrations).	Separate the boiler / 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-4	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction and open to production floors, on the 1st,2nd 3rd and 4th 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 23m ² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m ² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months
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F-5	Fire Rated Construction	Areas used for combustible storage are not fully separated by fire-rated construction, at ground floor.	<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, 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-7	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge. In all floors and in both northeast and northwest exit stairs. All gates and doors were opened at the time of 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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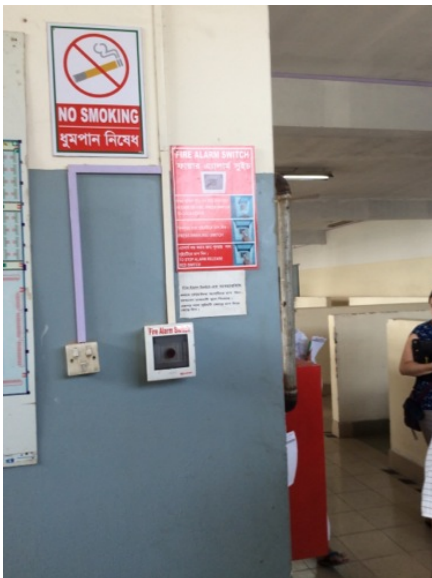


F-8	Egress	Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, exit discharge. In all floors of northeast, northwest, and southeast stairs.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 3 months
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F-9	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-10	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-11	Fire Protection	Fire water supply was source from single underground water tank, combined with another Factory(ICCL-adjacent to the building)should provide separate fire water source.	Should provide separate fire water tank dedicated to the building and follow requirements as per NFPA-20 (Fire Pumps);NFPA-22(Water Tanks);and NFPA-24 (Underground water mains)	Within 3 monthsfor design. Within 9 months for installation



F-12	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-13	Egress Lighting	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 3 months
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