

FIRE SAFETY INSPECTION REPORT

BELAMY TEXTILES LIMITED
KHOWAJNAGAR, AZIMPARA, KARNAFULY,
CHITTAGONG

OTHER FACTORIES: GOLDEN SON LTD



ACCORD
on Fire and Building Safety in Bangladesh

May 5, 2014

SUMMARY

Belamy Textiles Limited was surveyed for fire safety on 5/5/2014 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	In all the floors areas used for combustible storage were 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 23 sq.m. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months





F-2	Fire Rated Construction	The exit stairs were 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-3

Fire Rated
Construction

The elevator shaft present in the building was not provided with adequate fire-rated separation between floors.

Provide a minimum 2-hr fire-rated shaft to separate the elevator shaft from each floor level.

Within 3
months



F-4	Egress	Storage was located in the East exit stair on ground and fifth floor and in the west exit stair in the ground floor.	Remove all storage from exit stairs and egress paths.	Immediate
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F-5	Egress	Storage was located in the exit discharge from the East exit stair.	Keep egress paths and stairs clear of storage.	Immediate
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F-6	Egress	Exit capacity is not adequate for the occupant load on third floor. The exit capacity is 397, however the occupancy load is 412.	Reduce occupant load to not more than available exit capacity.	Immediate
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F-7	Egress	Egress doors and gates with locking features were provided at building exits, exit stairs, along egress routes and exit discharges. All gates and doors were open and unlocked during the inspection.	Remove locking features from all egress doors and 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 and sliding doors are provided at building exits, exit stairs, along egress routes and exit discharge.	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-9	Egress	The width of egress aisles were less than 36-in. on the third floor.	Provide minimum aisle widths of 36-in.	Within 3 months
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F-10	Egress	Exit stair door and egress door serving 50 or more occupants did not swing in the direction of egress travel on the third floor.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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F-11	Fire Protection	The fire alarm system was antiquated, not a listed system, and did 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 for the fire alarm system was not in accordance with NFPA 72.	Inspection, testing, and maintenance for the fire alarm system it was not in accordance with NFPA 72.	Within 3 months
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F-13	Fire Protection	The building was 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, tied to the fire alarm system, throughout the building in accordance with NFPA 72.	Within 6 months
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F-14	Egress Lighting	Inspection, testing, and maintenance records for the emergency lighting system were not available.	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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