

FIRE SAFETY INSPECTION REPORT

**LIFE TEXTILE (PVT.) LTD.
69,70,71 BSCIC INDUSTRIAL ESTATE, KONABARI,
GAZIPUR**

OTHER FACTORIES: NONE



ACCORD  **RD**
on Fire and Building Safety in Bangladesh

June 18, 2014

SUMMARY

Life Textile (Pvt.) Ltd. was surveyed for fire safety on 6/18/2014 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	Areas used for combustible storage on all floors are not separated by fire-rated construction.	<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



F-2	Fire Rated Construction	Hazardous materials area is not separated by fire-rated construction.	Separate the hazardous materials storage 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, generator, and transformer rooms are not separated by fire-rated construction from an exit stairwell.	Separate the boiler, generator, and 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-4 Egress

Egress gates with locking features are provided at roof, mezzanine, and dining room exits.

Two sliding gates were locked along the egress route from the dining room during 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



F-5	Egress	Storage was located in the egress path on floor 4.	Keep egress paths and stairs clear of storage.	Immediate
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F-6	Egress	Storage and an electrical panel was located in the East exit stair on floor 1.	Remove all storage from exit stairs and egress paths. Relocate or provide separation for electrical panel.	Immediate
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F-7	Egress	Collapsible and sliding gates are provided at roof, mezzanine, and dining room exits.	Replace all collapsible gates along the means of egress with side-hinged, swinging egress doors.	Within 3 months
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If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



F-8	Egress	The width of egress aisles is less than 36-in. on floors 4 and 2.	Provide minimum aisle widths of 36-in.	Within 3 months
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F-9	Egress	Exit discharge door of the East stair does not swing in the direction of egress travel.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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F-10	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-11	Fire Protection	Inspection, testing, and maintenance for the fire alarm system was 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-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.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months
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F-13	Egress Lighting	Some emergency lighting was missing and some were discovered to have burned out bulbs in test mode.	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month
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F-14	Egress Lighting	Inspection, testing, and maintenance records for the emergency lighting system were not in accordance of the ACCORD standards.	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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