

FIRE SAFETY INSPECTION REPORT

LOUIETEX MANUFACTURING LTD
SHARIFPUR, GAZIPUR SADAR, GAZIPUR

OTHER FACTORIES: S2L FASHIONS LTD.



ACCORD
on Fire and Building Safety in Bangladesh

June 29, 2014

SUMMARY

Louietex Manufacturing Ltd was surveyed for fire safety on 6/29/2014 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 are not separated by fire- rated construction. Location: On first and second 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 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





F-2	Fire Rated Construction	Rooms used for combustible storage are not separated by fire-rated construction. Location: First and second floors.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-3	Fire Rated Construction	The boiler, generator and transformer, rooms is not separated by fire-rated construction (openings, non-rated doors, penetrations). Location: Ground and first floor.	Separate the boiler and 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-4	Egress	Exit capacity is not adequate for the occupant load. Location: Second floor available capacity is 506 and the occupancy is 553	Reduce occupant load to not more than available exit capacity. Provide additional exits.	Immediate
F-5	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge. Location: On all floors all gates/doors were open and unlocked 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-6	Egress	Storage was located in the egress path. Location: First and second floor.	Keep egress paths and stairs clear of storage.	Immediate
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F-7	Egress	Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, exit discharge. Location: On 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-8	Egress	Exit stairs discharge inside the building. Location: Ground floor west stairwell discharges by factory floor with no fire rated construction and discharges out next to generator and transformer rooms with non fire rated construction.	Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).	Within 6 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	Activation of the fire alarm system by a manual fire alarm station provides automatic occupant notification only on the floor of alarm and not throughout the building.	Configure the fire alarm system to initiate automatic occupant notification on all floor levels to facilitate whole-building evacuation upon any manual fire alarm station activation.	Within 1 months
F-11	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
F-12	Egress Lighting	Exit sign not provided at exit. Location: First floor second exit from doctors and childcare office through spot removing office.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month





F-13	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	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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