

FIRE SAFETY INSPECTION REPORT

LATEST GARMENTS LTD

519 CHATOR (CHOTOBARI), POST : DUET, GAZIPUR

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

May 20, 2014

SUMMARY

Latest Garments Ltd was surveyed for fire safety on 5/20/2014 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	The boiler room on the ground floor is not separated by fire-rated construction due to a non-rated roof with an unprotected window above it.	Separate the boiler room by a minimum 2-hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations	Within 3 months
				
F-2	Fire Rated Construction	The generator room in the utility building is open to the egress path from the South stair due to a non-rated door.	Separate the generator room by a minimum 2-hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations	Within 3 months



F-3	Fire Rated Construction	The warehouse is open to the North stair discharge due to a non-rated door.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
-----	-------------------------	---	--	-----------------



F-4	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire-rated construction. Non-rated doors and vent openings are present on each floor.	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.	Within 3 months
-----	-------------------------	---	--	-----------------

If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.





F-5	Egress	Egress doors and gates with locking features are provided at all exit stair openings and discharge.	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
-----	--------	---	---	-----------





F-6	Egress	Storage was located in the exit stair. Piled cardboard was observed at the top of the North stair. A security desk was observed at the bottom of the North stair.	Remove all storage from exit stairs and egress paths.	Immediate
-----	--------	---	---	-----------



F-7	Egress	Exit capacity is not adequate for the occupant load on the 2nd floor. Exit capacity is 303 occupants. Occupant load is 379 occupants.	Reduce occupant load to not more than available exit capacity immediately. In the future, if greater occupant load is desired, provide additional exits.	Immediate
F-8	Egress	Coiling gates, sliding gates or sliding doors are provided at all exit stair openings and discharge.	Replace all gates and 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





F-9	Egress	An egress aisle on the 2nd floor is restricted to 22 inches by a desk.	Provide minimum aisle widths of 36-in.	Within 3 months
-----	--------	--	--	-----------------



F-10	Egress	Doors to both stairs from the occupied roof (serving 250 occupants) swing against the direction of egress.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
------	--------	--	--	-----------------



F-11	Egress	The day-care room is located on the 2nd floor and does not have direct access to an exit stair.	Relocate day-care room to ground floor with maximum travel distance of 9m (30 ft).	Within 3 months
F-12	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



F-13	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
------	-----------------	--	---	-----------------

F-14	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 in accordance with NFPA 72.	Within 6 months
------	-----------------	--	---	-----------------



F-15	Egress Lighting	An exit sign was posted over a ventilation fan on the 1st floor where no exit was located.	Remove misleading exit sign.	Immediate
------	-----------------	--	------------------------------	-----------



F-16	Egress Lighting	Exit signage was observed to not be lit on 1st floor.	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs.	Within 1 month
------	-----------------	---	--	----------------



F-17	Egress Lighting	Manual on-off switch is provided for multiple exit signage units.	Remove manual on/off switches from exit signage units to prevent them from being switched off.	Within 1 month
------	-----------------	---	--	----------------



F-18	Egress Lighting	Emergency lighting on 2nd floor near the South stair did not function in test mode, and was observed to have a failure indicator lit.	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month
------	-----------------	---	---	----------------



F-19	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
------	-----------------	--	--	-----------------