

FIRE SAFETY INSPECTION REPORT

BELLISSIMA APPARELS LIMITED
SHOPPING AREA, BSCIC, INDUSTRIAL ESTATE,
TONGI

OTHER FACTORIES: NONE



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

May 8, 2014

SUMMARY

Bellissima Apparels Limited was surveyed for fire safety on 5/8/2014 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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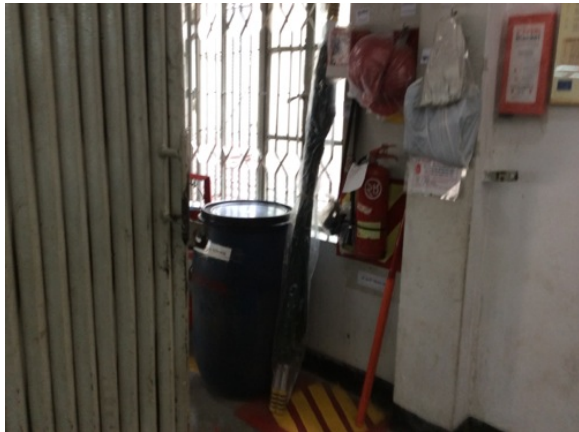
F-1	Fire Rated Construction	The boiler room on the ground floor is not separated by fire-rated construction due to a non-rated door and unsealed penetrations.	Separate the boiler room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months
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F-2	Fire Rated Construction	The bonded warehouse on the ground floor opens onto an exit passageway.	Protect the exit passageway by one of these two methods: - Provide a fire-rated vestibule between the storage room and the exit passageway. - Seal the opening between the storage room and the exit passageway and provide a door in a different location.	Within 3 months
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F-3	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire-rated construction.	<p>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.</p> <p>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.</p>	Within 3 months
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F-4	Fire Rated Construction	Storage for the packing section is open to the factory floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
			<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>	



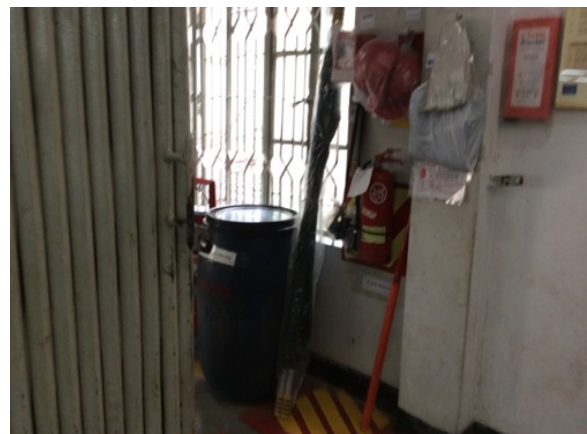
F-5 Egress

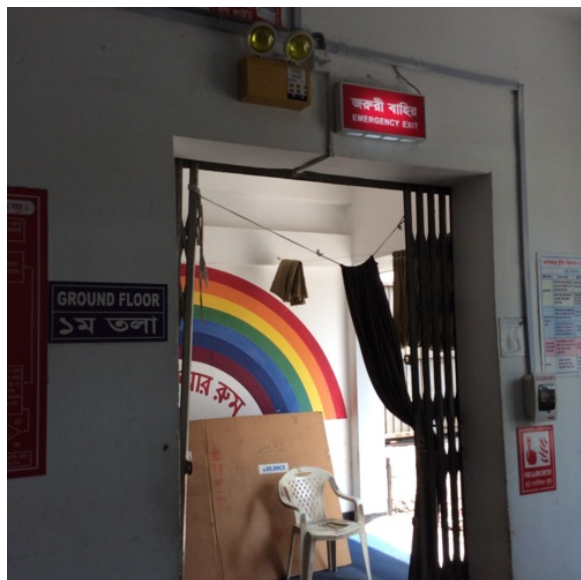
Egress doors and gates with locking features are provided at all exit stair openings and discharge.

Remove locking features from all egress doors and gates.

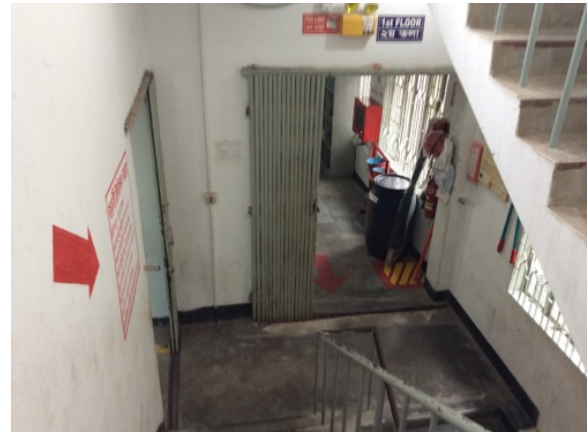
Immediate

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.

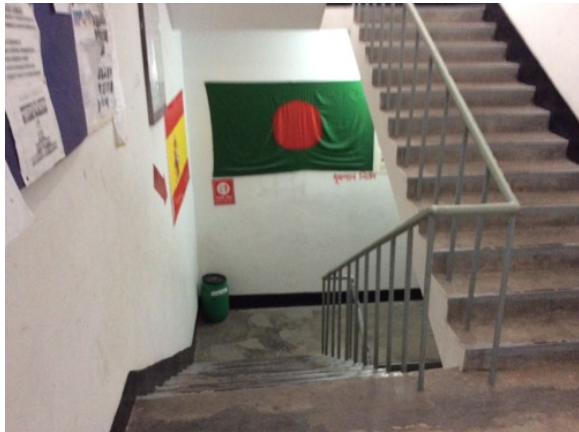




F-6	Egress	Exit capacity is not adequate for the occupant load on the 1st floor. Exit capacity is 313 occupants, and occupant load is 360.	Reduce occupant load to not more than available exit capacity immediately. In the future, if the 360 occupant load is desired on the 1st floor, provide greater exit capacity by either widening the stair landings, or providing an additional exit.	Immediate
F-7	Egress	Collapsible 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-8	Egress	Dustbins were observed in the exit stairs.	Remove all storage from exit stairs and egress paths.	Within 3 months
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F-9	Egress	The south exit stair discharges inside the building. It is served by an exit passageway, but the passageway is not separated from the rest of the building.	Provide 1-hr fire-rated exit passageway leading directly outside (use vestibules to separate any storage areas).	Within 6 months
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



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
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 in accordance with NFPA 72.	Within 6 months



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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