

# **FIRE SAFETY INSPECTION REPORT**

**VERTEX INNOVATIVE APPARELS LTD**  
**FORKAN TOWER, 360/A, BITAK BAZAR, SHAGORICA,**  
**PAHARTALI, PAHARTALI THANA**

**OTHER FACTORIES: H B INTIMATES**



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

May 21, 2014

## **SUMMARY**

**Vertex Innovative Apparels Ltd was surveyed for fire safety on 5/21/2014 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	Storage rooms on the ground floor and floor 3 used for combustible storage are not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas 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 generator room is not separated by fire-rated construction from the exit discharge	Separate the generator 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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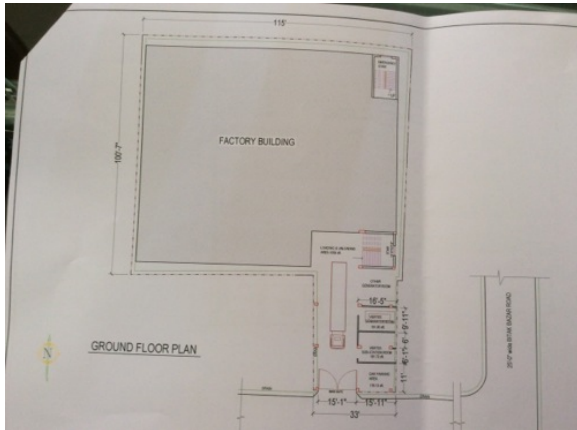
F-4	Egress	Egress gates with locking features are provided at exit stairs throughout the building.	Remove locking features from all egress gates.  If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-5	Egress	Collapsible gates are provided throughout both stairwells at each floor.	Replace all gates along the means of egress with side-hinged, swinging egress doors.	Within 1 month
		If locks are required for security reasons, utilize special door locking features complying with NFPA 101.		



F-6	Egress	The exits are not remotely located from each other such that a single fire event could compromise both exits. All three exits discharge at the same location.	Modify exit arrangement.	Within 6 months
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F-7 Egress

The exits are not remotely located from each other in the floor 4 packing room such that a single fire event could compromise both exits.

Decrease the occupancy to 29 people so that only one exit is required.

Within 6 months



F-8	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-9	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-10	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.	Replace the single-station smoke alarms with automatic smoke detectors tied into the fire alarm system. Configure the fire alarm system to initiate occupant notification upon activation of any two smoke detectors in addition to the manual fire alarm stations.	Within 6 months
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F-11	Fire Protection	No audible notification coverage was provided on floor 4.	Provide additional notification appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72.	Within 6 months
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F-12 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

