

FIRE SAFETY INSPECTION REPORT

**VERTEX WEAR LIMITED
VARARI, RAJFULBARIA, TETULJHORA, SAVAR,
DHAKA**

**OTHER FACTORIES: DRESS WOLRD LTD. NEO
FASHION LTD.**



ACCORD
on Fire and Building Safety in Bangladesh

March 11, 2014

SUMMARY

Vertex Wear Limited was surveyed for fire safety on 3/11/2014 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	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. (All floors).	Provide a minimum 2-hr fire- rated shaft to separate the utility risers from each floor level.	Within 3 months



F-2	Fire Rated Construction	<p>Areas used for combustible storage are not separated by fire-rated construction.</p> <p>Location: 5th floor storages used fence wire as separation on their storages.</p>	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p>	<p>Within 3 months</p>
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F-3	Egress	<p>Egress doors and gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge.</p> <p>All gates/doors were open and unlocked during the inspection.</p>	<p>Remove locking features from all egress doors and gates.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	<p>Immediate</p>
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F-4

Egress

Dead-end egress path exceed 30 m.

Location: Ground floor office egress path way

Remove the door locks changes the to panic bar hardware,

Immediate



F-5	Egress	Secondary exit of storage was located in the exit stair.	Provide 2 hrs fire rated door or install additional separation room	Immediate
		Location: Landing of west stairwell on the ground floor.		



F-6	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs, along egress routes and exit discharge.	<p>Replace all gates and sliding doors along the means of egress with side-hinged, swinging egress doors.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Within 1 month
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F-7	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-8	Fire Protection	The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design within 6 months, install within 12 months
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F-9 Fire Protection Drinking station on stairwell,

Remove all the drinking station Immediate on both stairwell, Stairwell should be free from any obstruction.



F-10 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-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 in Accordance with NFPA 72.	Within 6 months
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F-12	Egress Lighting	The Warehouse in ground floor did not have any emergency lights and exit signs	Provide Emergency lights and exit signs.	Within 3 months
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F-13	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
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