

FIRE SAFETY INSPECTION REPORT

VISION APPARELS (PVT) LTD

PLOT # M-1/3, SECTION-14, MIRPUR DHAKA-1206

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

May 4, 2014

SUMMARY

VISION APPARELS (PVT) LTD was surveyed for fire safety on 04-05-2014 by Hughes Associates, Inc. This summary identifies the major deficiencies that were identified during the inspection.

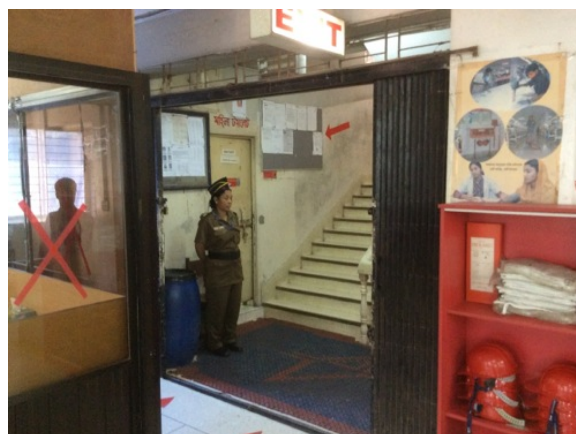
The purpose of this survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The inspection did not include identification of minor deficiencies, which will be further addressed as part of follow-up inspections.

Tables 1 - 2 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 - Apollo Building

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces 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



F-2	Fire Rated Construction	The fire doors not provided with reentry handle and panic-bar.	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
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If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.



F-3	Fire Rated Construction	Areas used for combustible storage on 1st floor are not separated by 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	Within 3 months
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Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.



F-4	Fire Rated Construction	The boiler and transformer room is not separated by fire-rated construction, openings, non-rated doors and penetrations.	Separate the boiler and transformer room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months
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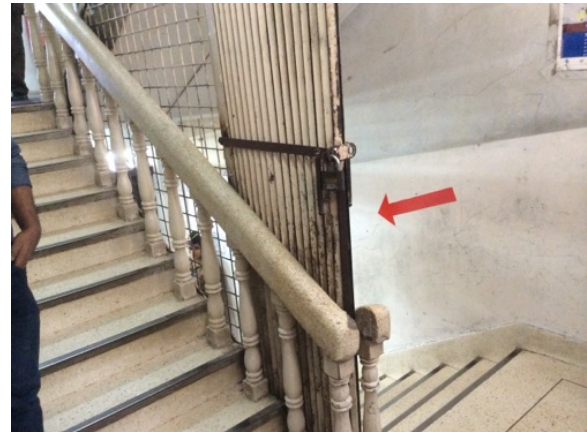




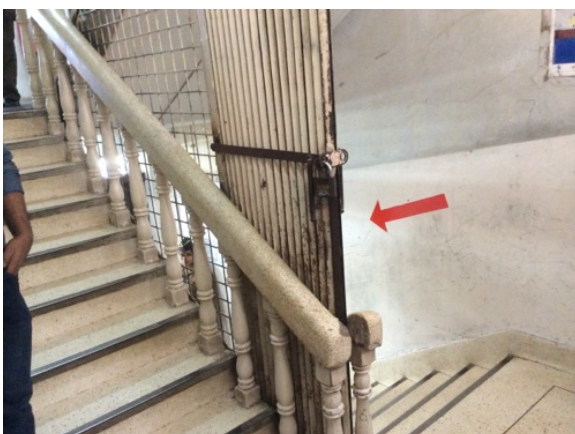
F-5	Egress	Storage was located in the exit stair.	Remove all storage from exit stairs and egress paths.	Immediate
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F-6	Egress	Egress doors and gates with locking features are provided at building exits, exit stairs, along egress routes and exit discharge.	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
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F-7	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs, along egress routes and exit 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
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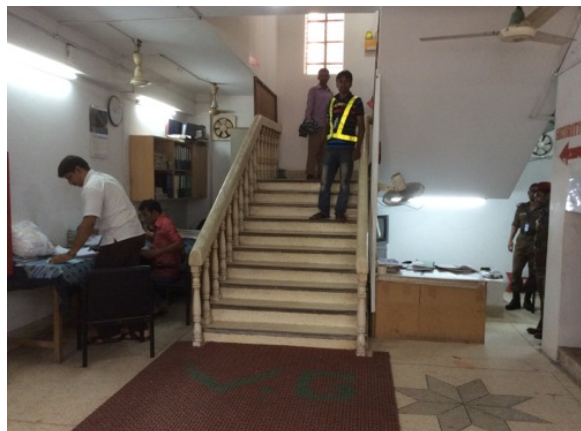




F-8	Egress	Exit capacity is not adequate for the 8th floor occupant load.	Reduce occupant load to not more than available exit capacity or provide additional exits.	Within 3 months
F-9	Egress	Handrails are not provided in southwest stairwell.	Provide handrails on at least one side of exit stair.	Within 3 months



F-10	Egress	Exit stairs discharge inside the building.	Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas) or provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 6 months
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F-11	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
F-12	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-13	Fire Protection	Manual fire alarm activation point installed to the interior of the floor plate.	Mount manual fire alarm activation point next to building exit access.	Within 3 months
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F-14	Fire Protection	Inspection, testing, and maintenance for the fire alarm system was not accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
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F-15	Egress Lighting	Some emergency lighting did not function in test mode.	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month
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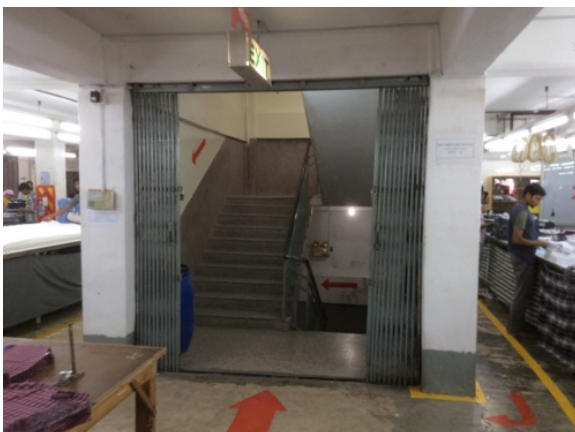


F-16	Egress Lighting	Manual on-off switch is provided for emergency lighting units	Remove manual on/off switches from emergency lighting and exit signage units to prevent them from being switched off.	Within 1 month
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Table 2. Findings And Recommendations - Royal Building

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The exit stair are not separated from work areas, other spaces 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



F-2	Fire Rated Construction	The fire doors not provided with reentry handle and panic-bar.	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
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If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.



F-3	Fire Rated Construction	Areas used for storage on ground floor are not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction and provided minimum 1.5-hr fire-rated door	Within 3 months
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F-4	Fire Rated Construction	The transformer room is not separated by fire-rated construction, openings, non-rated doors and penetrations.	Separate the transformer room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months
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F-5	Fire Rated Construction	The raised walkway on the 1st to 6th floors are not assembled from fire-rated construction.	Provided 2-hr fire-rated construction or provided minimum 1.5-hr fire-rated door.	Within 3 months
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F-6	Fire Rated Construction	The generator is not separated by fire-rated construction openings, non-rated doors, penetrations.	Separate the generator room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months
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F-7	Egress	Egress doors and gates with locking features are provided at building exits, exit stairs, along egress routes and exit 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
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F-8	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs, along egress routes and exit 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
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F-9	Egress	Exit capacity is not adequate for the 8th floor occupant load.	Reduce occupant load to not more than available exit capacity or provide additional exits.	Within 3 months
F-10	Egress	A single means of egress is provided on ground floor where the occupant load exceeds 49 persons.	- Reduce occupant load to not more than 49 persons. - Provide additional means of egress.	Within 3 months



F-11	Egress	Exit stairs discharge inside the building.	Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas) or provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 6 months
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F-12	Fire Protection	Inspection, testing, and maintenance for the fire alarm system was not 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-13	Fire Protection	Manual fire alarm activation point installed to the interior of the floor plate.	Mount manual fire alarm activation point next to building exit access.	Within 3 months



F-14	Fire Protection	Inspection, testing, and maintenance for the fire alarm system was not accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
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