

FIRE SAFETY INSPECTION REPORT

W APPARELS

295/JA/4, RAYER BAZAR

OTHER FACTORIES: CHANCELLOR GARMENTS



ACCORD
on Fire and Building Safety in Bangladesh

March 23, 2014

SUMMARY

W Apparels was surveyed for fire safety on 3/23/2014 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 2nd floor is not separated from the factory floor by fire-rated construction.	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
				
F-2	Fire Rated Construction	The transformer room is not separated by fire-rated construction. Currently it opens underneath the southeast emergency exit stairs without a fire-rated door or any other kind of protection for the stair.	Separate the transformer room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months



F-3	Fire Rated Construction	Areas 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
-----	-------------------------	--	--	-----------------

The Bonded Warehouse currently opens onto the exit discharge with an unprotected opening, and has unprotected openings to the Cutting Section and the west end of the exit stair.



F-4	Fire Rated Construction	The exit stairs are not separated from work areas and 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-5	Egress	Exit capacity is not adequate for the occupant load on the 1st and 3rd floors. Total stair capacity is 350, and these floors have 390 occupants each.	Reduce the occupant load on 1st and 3rd floor immediately. In the future, provide adequate egress width by either: - Providing an enclosed passageway from the west end of the central stair to an exterior door. - Providing an additional stair for egress.	Immediate
-----	--------	---	---	-----------

F-6	Egress	Egress doors / gates with locking features are provided at all stair openings on 1st-3rd floors, and exit discharge.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
-----	--------	--	--	-----------

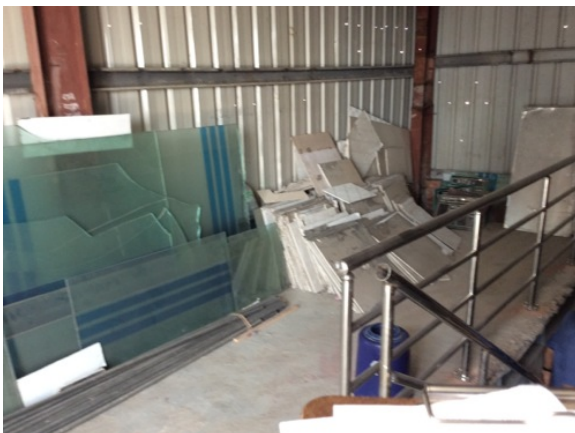


F-7	Egress	Collapsible gates / sliding doors are provided at all stair openings on 1st-3rd floors, and Bonded Warehouse exits.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
-----	--------	---	--	----------------

W Apparels



F-8	Egress	Construction storage was located in the top of the southeast exit stair.	Remove all storage from exit stairs and egress paths.	Within 3 months
-----	--------	--	---	-----------------



F-9	Egress	Central stair is a double stair, and the western discharge is to the interior of the building, which would require travel through either Bonded Warehouse or Cutting Section to exit.	Provide 2-hr fire-rated exit passageway leading directly outside (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 were 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	Egress Lighting	Manual on-off switch is provided for emergency lighting & exit signage units in the stairwell.	Remove manual on/off switches from emergency lighting & exit signage units to prevent them from being switched off.	Within 1 month
------	-----------------	--	---	----------------

