

FIRE SAFETY INSPECTION REPORT

ARABI FASHIONS

**BOKRAN, MONIPUR, MIRZAPUR, GAZIPUR - 1703,
BANGLADESH.**

**OTHER FACTORIES: NOVELL HURRICANE KNIT
GARMENTS LTD**



ACCORD
on Fire and Building Safety in Bangladesh

April 24, 2014

SUMMARY

Arabi Fashions was surveyed for fire safety on 4/24/2014 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 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-2	Fire Rated Construction	Elevator shafts are left unfinished with opening that connects all floors but is not fully enclosed.	Provide 1.5 HR rated doors at floors and complete shaft construction	Within 3 months
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F-3	Egress	Egress doors/collapsible gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge. All gates were open and unlocked during the inspection a few doors were locked.	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
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F-4	Egress	Storage was located in the egress path at multiple locations	Keep egress paths and stairs clear of storage.	Immediate
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F-5	Egress	Storage was located in all the exit stairs	Remove all storage from exit stairs and egress paths.	Immediate
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F-6	Egress	Egress door with exit sign on the fourth floor was locked.	Remove locking features from all egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-7	Egress	Manager and supervisors offices along the factory floors have sliding doors on floors 2, 3, & 4.	Replace all 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	Clear height less than optimum at northwest exit stair discharge.	Provide minimum 80 inches clear opening for exit discharge.	Within 1 month
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F-9 Egress

The width of egress aisles is less than 36-inches in multiple locations especially in ironing and finishing.

Provide minimum aisle widths of 36-in.

Within 3 months





F-10	Egress	South-east exit stair discharges inside the building.	Provide 2-hr fire-rated separation between the stair discharge and the room/areas located along the egress path from the stair.	Within 6 months
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F-11	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-12	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were not per 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	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



F-14	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 3 months
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