

FIRE SAFETY INSPECTION REPORT

DEKKO FASHIONS LTD.

PLOT # M/4, ROAD # 7, SECTION # 7, MIRPUR



ACCORD
on Fire and Building Safety in Bangladesh

March 30, 2014

SUMMARY

Dekko Fashions Ltd. was surveyed for fire safety on 3/30/2014 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 generator room/substation on the ground floor is not separated by fire-rated construction due to openings, a non-rated door, and unsealed penetrations.	Separate the generator room/substation by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months



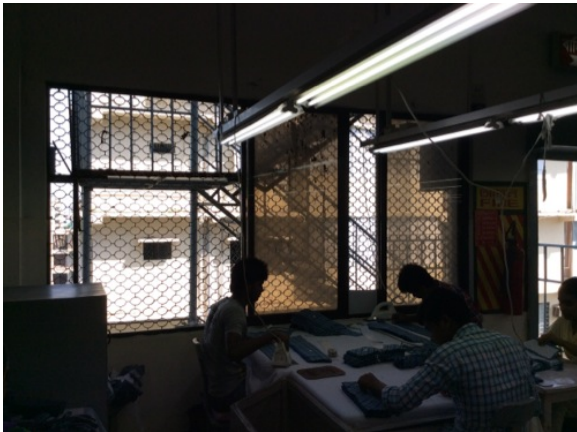
F-2	Fire Rated Construction	<p>Areas used for combustible storage are not separated by fire-rated construction. Specifically the ground floor Yarn Store and Waste Storage, and the third floor Packing Section.</p> <p>The ground floor Yarn Store discharges to an exit stair.</p>	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"> - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² <p>Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</p> <p>Provide a 2-hr fire rated vestibule for discharge from the Yarn Store to the exit stair. Provide a 1.5 hr. fire rated door on the exit stair side and a 1 hr. fire rated door on the storage room side.</p>	Within 3 months
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F-3	Fire Rated Construction	<p>The exit stairs are not separated from work areas and other spaces on each floor by fire-rated construction.</p> <p>The exterior exit stair has unprotected openings from the interior of the building.</p>	<p>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.</p> <p>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.</p>	Within 3 months
			<p>Provide fire rated protection for the exterior exit stair extending 10 ft. beyond the ends of the stair.</p>	
			<p>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.</p>	





F-4	Fire Rated Construction	The boiler room on the third floor is not separated by fire-rated construction due to openings, a non-rated door, and penetrations. Reportedly, the boiler is to be moved to the ground floor (room currently under construction) in the future.	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
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F-5	Fire Rated Construction	The elevator machine room is not separated by fire-rated construction due to a non-rated door.	Separate the elevator machine 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-6	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-7	Fire Rated Construction	The transformer room on the ground floor is not separated by fire-rated construction due to openings and non-rated doors.	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
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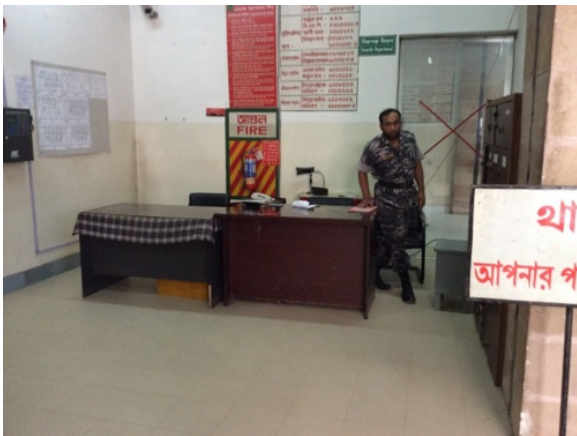
F-8	Egress	Egress doors and gates with locking features are provided at building exits, exit stairs, along egress routes, and at exit discharge. All gates and doors were open and unlocked during the inspection.	Remove locking features from all egress doors and gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-9	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs, along egress routes, and at 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-10	Egress	Storage was located in several of the interior exit stairs.	Remove all storage from exit stairs and egress paths.	Within 3 months
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F-11	Egress	A single means of egress is provided on the ground floor.	Provide additional means of egress.	Within 3 months
F-12	Egress	Non serving electric appliances are located in the interior exit stairs and along the egress path from discharge of the northwest exit stair on the ground floor.	Remove and relocate the non serving electric appliances to the exterior of the stairwells.	Within 3 months



F-13	Egress	Exterior building protrusion adjacent to the exterior exit stair poses hazard to occupants egress.	Provide minimum clearance of 6 ft. 8 in.	Within 3 months
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F-14	Egress	The width of egress aisles is less than 36-in. in certain points on all factory floors.	Provide minimum aisle widths of 36-in.	Within 3 months
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F-15	Egress	All interior exit stairs discharge inside the building on the ground floor, two discharge to a parking area.	Provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 6 months
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F-16	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-17	Fire Protection	<p>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.</p> <p>Height of the building at the highest occupied level is 76 ft.</p>	<p>Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.</p>	<p>Design within 6 months, install within 12 months</p>
F-18	Fire Protection	<p>Inspection, testing, and maintenance records for the fire alarm system were not available.</p>	<p>Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.</p>	<p>Within 3 months</p>