

FIRE SAFETY INSPECTION REPORT

PAWLA KNITWEAR (PVT.) LTD.
ISDAIR, FATULLAH

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

April 28, 2014

SUMMARY

Pawla Knitwear (Pvt.) Ltd. was surveyed for fire safety on 4/28/2014 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 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	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level.	Within 3 months
			Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	



F-3	Fire Rated Construction	The boiler, generator and transformer rooms are not separated by fire-rated construction from Dining area in the seventh floor, North west stair lobby in the ground floor and Office space in the first floor respectively.	Separate the boiler, generator and transformer rooms 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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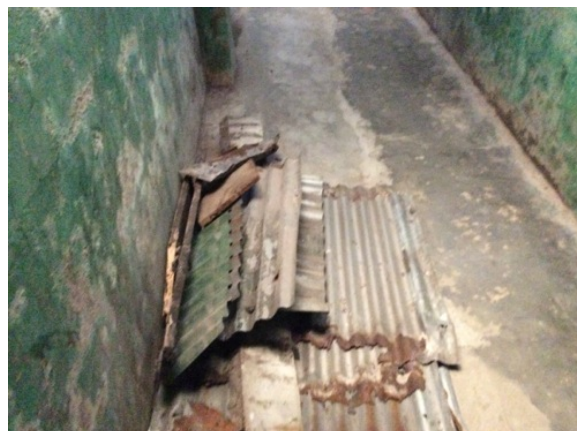
F-4	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction in ground, second and third floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-5	Egress	Egress doors and gates with locking features are provided at building exits, exit stairs, along egress routes and exit discharges.	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-6	Egress	Storage was located in the egress path in ground and first floor.	Keep egress paths and stairs clear of storage.	Immediate
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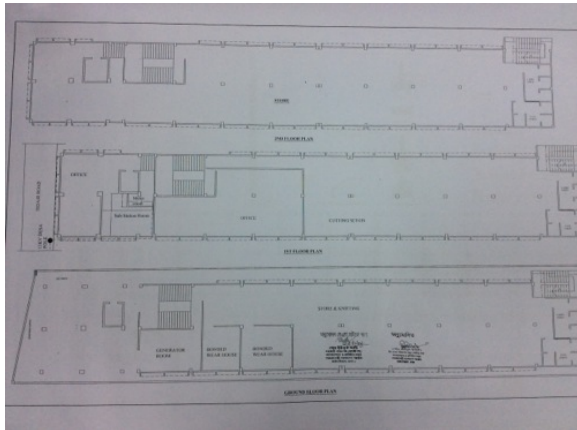
F-7	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs and exit discharges.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
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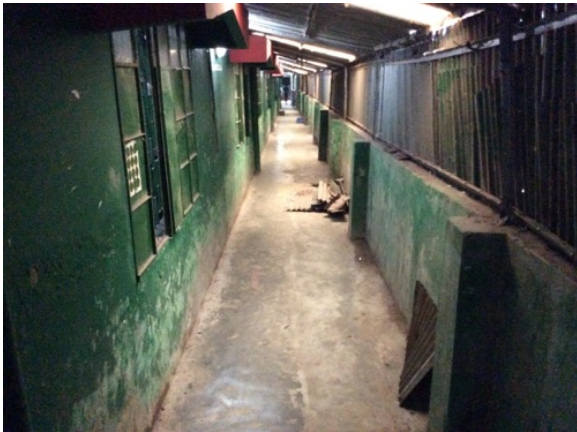
F-8	Egress	The width of egress aisles is less than 36-in. in first floor.	Provide minimum aisle widths of 36-in.	Within 3 months
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F-9	Egress	Common path of egress travel exceeds 30 m. in the ground floor.	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 30 m.	Within 3 months
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F-10	Egress	A single means of egress is provided from the ground floor.	Provide an additional means of egress from the ground floor.	Within 3 months
F-11	Egress	All the Exit stairs discharged in the ground floor inside the building. North west stair discharged inside the building was open to the generator. North east stair discharged in a 46 in. wide corridor which lead to the interior and was open to the knitting section.	Provide 2-hr fire-rated exit passageway leading directly outside.	Within 6 months



F-12	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-13	Fire Protection	Activation of the fire alarm system by a manual fire alarm station provides automatic occupant notification only on the floor of alarm and not throughout the building.	Configure the fire alarm system to initiate automatic occupant notification on all floor levels to facilitate whole-building evacuation upon any manual fire alarm station activation.	Within 1 months
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F-14	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
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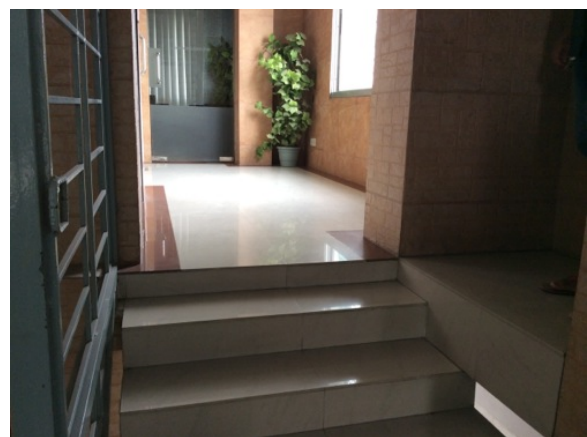
F-15	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months
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F-16	Egress Lighting	Manual on-off switch is provided for emergency lighting and exit signage units in the seventh floor.	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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F-17	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated in the stairs.	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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F-18	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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