

FIRE SAFETY INSPECTION REPORT

ORGANIC JEANS LTD.

**PLOT NO. A/1 & 2, BLOCK-B, BSCIC INDUSTRIAL
AREA, FOUZDERHAT, SAGARIKA ROAD**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

May 19, 2014

SUMMARY

Organic Jeans Ltd. was surveyed for fire safety on 5/19/2014 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, generator and transformer room was not separated by fire-rated construction (openings, non-rated doors, penetrations).	Separate the boiler, generator and 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-2	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction The ground floor storage at present is open to all egress routes.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-3	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.	Within 3 months
			If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	



F-4	Fire Rated Construction	The exit discharge path serving the rear building exit is less than 10 ft wide and is not separated from the building interior.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft., to provide a minimum 1-hr fire separation.	Within 6 months
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Alternatively, provide a second remote discharge path to the public way (only include this if feasible).



F-5	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes and main exit discharge. All gates/doors were open and unlocked during the inspection.	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-6	Egress	Storage such as trash cans was located in exiting stairwells.	Remove all storage from exit stairs and egress paths.	Immediate
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F-7	Egress	Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes and main exit discharge.	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 on the second floor of the factory building.	Provide minimum aisle widths of 36-in.	Within 3 months
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F-9	Egress	Handrails are not provided in the exit stair from the roof space to the dining area on the third floor, North East facing stair.	Provide handrails on at least one side of exit stair.	Within 3 months
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F-10	Egress	The two north facing mezzanine exit stairs discharge inside the building, with an approx 25ft travel distance to the main building exit and in close proximity to open ground floor storage.	Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).	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 in accordance with NFPA 72 requirements.	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-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.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building in accordance with NFPA 72.	Within 6 months
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F-14	Egress Lighting	Exit signage unclear on the ground floor. At present signage guides occupants to storage area as an egress route. The signage was installed to allow occupants to escape the storage space using the exit.	Relocate to the inside of floor area	Immediate
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F-15	Egress Lighting	Manual on-off switches is provided for emergency lighting units.	Remove manual on/off switches from emergency lighting units to prevent them from being switched off.	Within 1 month
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F-16	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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F-17	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes on the third floor dining space area.	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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