

FIRE SAFETY INSPECTION REPORT

MOZART KNIT LTD

BASHAID, ASHULIA

OTHER FACTORIES: NONE



May 25, 2014

SUMMARY

Mozart Knit Ltd was surveyed for fire safety on 5/25/2014 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.

Tables 1 - 2 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 - Garments Building

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The finished goods storage on the 2nd floor is not separated from the adjacent work areas by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire-rated construction. The Northwest and East stairs each have no separation on one side. The East stair is completely non-separated from the storage areas on the ground floor.	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
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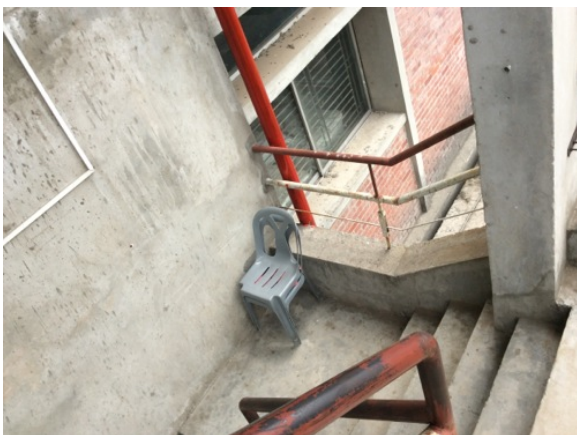
F-3	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. A pit on the South end of the building connects all floors of the building and has no fire-rated shaft enclosure.	Provide a minimum 2-hr fire-rated shaft to separate floor openings that connect multiple floors. Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-4	Egress	Egress doors with locking features are provided at multiple stair openings and exit discharges.	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-5	Egress	Storage was located in the exit stair. A motorcycle was stored at the base of the Northwest stair. A dustbin was observed at a landing in the Northwest stair. A chair was observed on a landing in the Northeast stair.	Remove all storage from exit stairs and egress paths.	Immediate
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F-6	Egress	Sliding doors are provided at multiple Northwest and East exit stair openings and discharge. Overhead Coiling doors are used on multiple ground floor exits.	Replace all gates and 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-7	Egress	Common path of egress travel in the bonded warehouse exceeds 30 m, due to locked and blocked secondary exit doors.	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-8	Egress	Exit stairs discharge inside the building. The East exit stair discharges within the storage areas on the ground floor. The Northwest exit stair discharges through a ground floor lobby which has non-rated doors connecting it to the bonded warehouse.	Correct these conditions by one of the following means: - Modify stair to discharge directly outside. - Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).	Within 6 months
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F-9	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-10	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
F-11	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



F-12	Egress Lighting	Multiple lighted exit signs throughout the building were two-sided, so that they were visible from the wrong direction.	Provide lighted exit signs visible only from the direction leading toward the exit path.	Within 1 month
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F-13	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system were not in accordance with The ACCORD standard.	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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Table 2. Findings And Recommendations - Dyeing Shed

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Large amounts of storage are open to the factory floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months



F-2	Egress	Egress doors with locking features are provided at multiple stair openings and exit discharges.	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-3	Egress	The path to the Northeast exit door was restricted by storage.	Keep egress paths and stairs clear of storage.	Immediate
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F-4	Egress	Overhead coiling doors were provided at all ground level exits.	Replace all gates and sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
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If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



F-5	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-6	Fire Protection	No fire detection was provided on the production floor in the dyeing shed.	Provide automatic smoke detection throughout the building in accordance with NFPA 72.	Design within 4 months, install within 9 months
F-7	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
F-8	Egress Lighting	Multiple lighted exit signs throughout the building were two-sided, so that they were visible from the wrong direction.	Provide lighted exit signs visible only from the direction leading toward the exit path.	Within 1 month



F-9	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system were not in accordance with The ACCORD standard.	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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