

FIRE SAFETY INSPECTION REPORT

SAMS ATTIRE LTD.

**BHUIYAN TOWER, PLOT NO. 10, ASHULIA JAMGORA,
SAVAR**



ACCORD
on Fire and Building Safety in Bangladesh

March 23, 2014

SUMMARY

Sams Attire Ltd. was surveyed for fire safety on 3/23/2014 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.

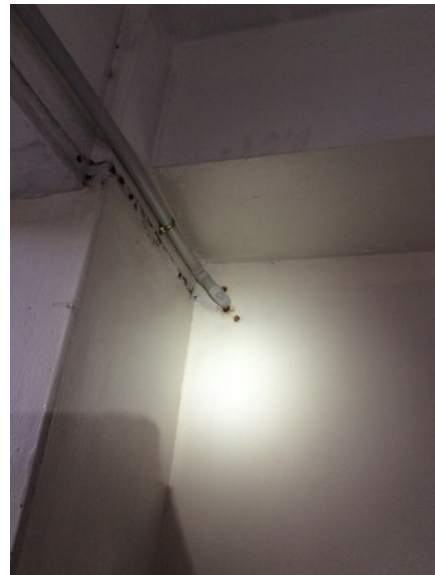
Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	An unsealed penetration and opening is located in the fire-rated ceiling assembly on the fifth floor.	Seal all penetrations and openings in floor and ceiling assemblies to maintain the fire separation.	Within 3 months
				
F-2	Fire Rated Construction	The generator/transformer room adjacent to the southwest stairwell discharge is not separated by fire-rated construction due to non-rated doors.	Separate the generator/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

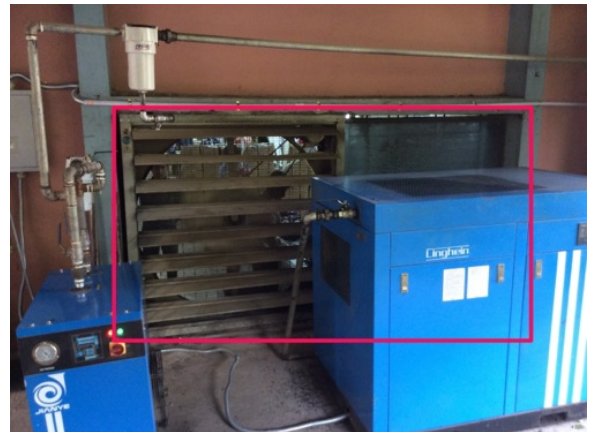
F-3	Fire Rated Construction	The ground floor bonded warehouse is not separated by fire-rated construction due to non-rated doors and unprotected openings. The storage room currently discharges to the southwest stairwell through an unprotected vestibule.	Provide the bonded warehouse separation by minimum 1-hr fire-rated construction. Provide the vestibule with a 1-hr fire-rated door to the warehouse and a 1.5-hr fire-rated door to the stairwell.	Within 3 months
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F-4	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-5	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



F-6	Fire Rated Construction	The boiler rooms on the first and second floors are not separated by fire-rated construction due to openings (to factory floor and the exterior of the building), non-rated doors, and penetrations.	Separate the boiler 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-7	Fire Rated Construction	The second entrance to the southwest stairwell on the sixth floor is not necessary for egress.	Seal the opening with fire-rated construction.	Within 3 months
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F-8	Fire Rated Construction	Non serving electric appliances are located in each stairwell.	Remove and relocate non serving electric appliances to the exterior of the stairwells.	Within 3 months
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F-9	Fire Rated Construction	Storage open to factory floors is not separated by fire-rated construction in various locations throughout the factory.	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
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F-10	Fire Rated Construction	Southwest stairwell discharge path to assembly point, with less than 30 ft. building separation, has unprotected openings at a height of less than 15 ft.	Seal all penetrations and openings to the interior of the building, up to a height of 15 ft., to maintain the fire separation. Alternately, provide fire-rated windows.	Within 3 months
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F-11	Fire Rated Construction	The second floor transient storage room is not separated by fire-rated construction due to a non-rated door and unprotected openings. The room is also provided with an unnecessary exit.	Provide the transient storage room separation by minimum 1-hr fire-rated construction and seal the unnecessary exit.	Within 3 months
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F-12	Fire Rated Construction	The Medical Room and Accessories Waiting for Inventory rooms discharge to the northeast stairwell.	Seal the doors with 2-hr fire-rated construction and reposition doors to egress to factory floor.	Within 3 months
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F-13	Fire Rated Construction	The elevator shaft is open to the northeast stairwell on the ground floor.	Seal the shaft on the ground floor with fire-rated construction.	Within 3 months
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F-14	Fire Rated Construction	The ground floor storage room adjacent to the wash room is not separated by fire-rated construction due to a non-rated door and unprotected openings.	Provide the storage room separation by minimum 1-hr fire-rated construction. Alternately, relocate the storage to a dedicated storage room and utilize the room for something other than storage.	Within 3 months
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F-15 Egress

Egress doors and gates with locking features are provided at building exits, exit stairs, and along egress routes in various locations throughout the factory. 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



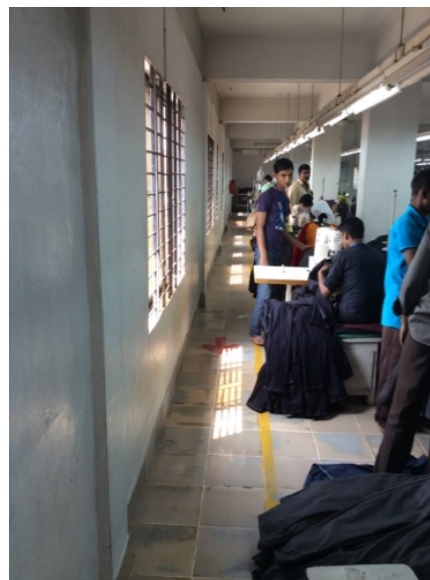
F-16	Egress	The floor matts at the entrance to the stairwells pose a tripping/slipping hazard to occupants.	Remove the floor matts.	Immediate
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F-17	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs, and along egress routes in various locations throughout the factory.	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-18	Egress	The width of egress aisles is less than 36-in. in various locations throughout the factory.	Provide minimum aisle widths of 36-in.	Within 3 months
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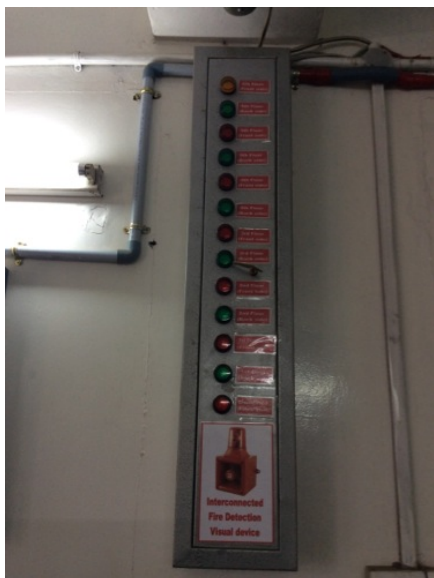


F-19	Egress	Exit stair door to the sixth floor southwest stairwell does not swing in the direction of egress travel.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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F-20	Fire Protection	The fire alarm system is antiquated, 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-21	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were not available.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-22	Fire Protection	The fire alarm system does not appear to provide adequate audible notification coverage. A functional test was performed.	Provide additional notification appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72.	Within 6 months
F-23	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

