

# **FIRE SAFETY INSPECTION REPORT**

**SAMS FASHION LTD.  
KEOWA PASHIM KHANDA (KOROITOLA), MAWNA,  
SREEPUR, GAZIPUR.**

**OTHER FACTORIES: NONE**



**ACCORD**  
on Fire and Building Safety in Bangladesh

May 27, 2014

## **SUMMARY**

**Sams Fashion Ltd. was surveyed for fire safety on 5/27/2014 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	<p>The boiler room is not separated from the working areas (Finishing section) by means of fire-rated construction (unprotected openings and non-rated door).</p> <p>The compressor room is not separated from the discharge pathway of the north eastern exit stair by means of fire-rated construction (non-rated door).</p>	<p>Separate the boiler and compressor room from the adjacent working area and discharge pathway by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.</p>	Within 3 months



F-2	Fire Rated Construction	Dedicated storage areas (Bonded store and Finishing goods store) on the ground floor were not not separated form the working area by means of fire rated construction (non-rated door and unprotected openings)	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-3	Fire Rated Construction	Transient storage areas (Packing area) on the ground floor are not separated from the adjacent working areas by means of 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 23m <sup>2</sup> - If sprinkler protected: maximum height of 3.66m and maximum area of 93m <sup>2</sup>  Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months
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F-4	Egress	Egress doors and gates with locking features are provided at all building exits and exit discharges.	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-5 Egress

Collapsible gates and sliding doors are provided at all building exits and exit discharges.

Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.

Within 1 month

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



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F-6	Egress	The western and north eastern exit stair door 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-7	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-8	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 1 months
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F-9	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is 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-10	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
F-11	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes on the ground floor.	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