

FIRE SAFETY INSPECTION REPORT

SASHA GARMENTS LTD.
HASHEM PLAZA, GANAKBARI, ASHULIA

OTHER FACTORIES: INTRACO SWEATERS LTD.



ACCORD
on Fire and Building Safety in Bangladesh

July 10, 2014

SUMMARY

Sasha Garments Ltd. was surveyed for fire safety on 7/10/2014 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 dedicated storage rooms on the 6th and 4th floors are not separated form the adjacent 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
-----	-------------------------	---	--	-----------------





F-2	Fire Rated Construction	All the exit stairs are not separated from work areas on all floors by fire-rated construction. The western stairs are open to the market areas on the ground and 1st floors due to unenclosed stairwells.	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-3	Fire Rated Construction	Transient storage areas on the 4th floor is not separated form the adjacent 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. 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-4	Egress	Egress doors and gates with locking features are provided at all exit stairs, 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
-----	--------	---	---	-----------



F-5	Egress	Collapsible gates / sliding doors are provided at all exit stairs, building exits 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
-----	--------	--	--	----------------



F-6	Egress	The area occupied by the factory on the 6th floor only has access to the north eastern stairs. These exits are not remotely located from each other such that a single fire event could compromise both exits.	Modify exit arrangements and provide access to the south eastern stair. Or Provide sprinkler protection in accordance with NFPA 13.	Within 6 months
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
F-8	Fire Protection	Inspection, testing, and maintenance for the fire alarm system were 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-9	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
F-10	Egress Lighting	Exit signage were not illuminated (burned out, broken, etc.) on the 4th floor.	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs.	Within 1 month



F-11	Egress Lighting	Inspection, testing, and maintenance records 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-12	Egress Lighting	Emergency lighting appliances were found to be missing on the 6th floor. Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes on the 4th 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