

# **FIRE SAFETY INSPECTION REPORT**

**K.S APPARELS LTD**  
**BAHADURPUR, KAULTIA, GAZIPUR**

**OTHER FACTORIES: NONE**



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



May 15, 2014

## **SUMMARY**

**K.S Apparels Ltd was surveyed for fire safety on 5/15/2014 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	Areas used for combustible storage are not separated by fire-rated construction on the ground floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas 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-3	Fire Rated Construction	The exit discharge path serving N 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.  Alternatively, provide a second remote discharge path to the public way (only include this if feasible).	Within 6 months
-----	-------------------------	---	---	-----------------



F-4	Egress	Egress doors with locking features are provided at along egress routes on the ground floor.	Remove locking features from all egress doors.  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 exit stairs and along egress routes on every floor.	<p>Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Within 1 month
-----	--------	---	---	----------------



F-6	Egress	Handrails are not provided in the exit stair on the 2nd floor	Provide handrails on at least one side of exit stair.	Within 3 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 NFPA72	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.	Replace the single-station smoke alarms. Provide automatic smoke detectors throughout the building in accordance with NFPA72.	Within 6 months




---

F-10	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system were not in accordance with ACCORD standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
------	-----------------	---	--	-----------------