

FIRE SAFETY INSPECTION REPORT

**INTERSTOFF CLOTHING LTD.
KALAMESHWER, NATIONAL UNIVERSITY, BOARD
BAZER**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

June 7, 2014

SUMMARY

Interstoff Clothing Ltd. was surveyed for fire safety on 6/7/2014 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	Storage rooms used for combustible storage were not separated by fire-rated construction on Floors G, 1, and 5.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-2	Fire Rated Construction	The boiler, generator and transformer were not separated from the egress paths by fire-rated construction.	Separate the boilers, generator and gas dryers by a minimum 2-hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations	Within 3 months
-----	-------------------------	--	--	-----------------



F-3	Fire Rated Construction	The exit stairs were not separated from work or storage 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. Provide vestibules to separate storage areas from egress paths. 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-4	Fire Rated Construction	Areas used for combustible storage were open to the factory floor on Floors G and 3.	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-5	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures. The elevator control equipment is open to the Southwest stair at roof level.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
-----	-------------------------	---	---	-----------------



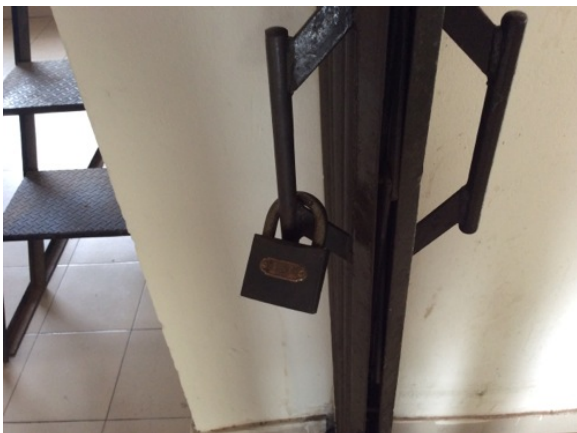
F-6	Fire Rated Construction	Flammable gas storage area is not separated by fire-rated construction (openings, non-rated doors, penetrations) from the North exit stair discharge path.	Separate the flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months
-----	-------------------------	--	---	-----------------



F-7	Fire Rated Construction	The exit discharge paths serving the North and Southeast exit stairs were less than 10 ft wide and were 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-8	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, and exit discharge. All gates/doors were open and unlocked during the inspection.	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-9	Egress	Storage was located on the ground floor of the Southwest exit stair, as well as some transient storage on various floors.	Remove all storage from exit stairs.	Immediate
-----	--------	---	--------------------------------------	-----------



F-10	Egress	Collapsible gates were provided at the North and Southwest exit stairs, all ground floor exit discharges and building exits.	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-11	Egress	The width of egress aisles was less than 36-in on Floors 3 and 4. In some areas production stations were too close to walls and in some locations columns impeded egress.	Provide minimum aisle widths of 36-in.	Within 3 months
------	--------	---	--	-----------------



F-12	Egress	The day-care room does not have direct access to an exit stair and was not separated from the storage area.	Provide a minimum 2-hr fire-rated exit corridor between the day-care room and exit stair. -OR- Relocate day-care room to ground floor with maximum travel distance of 9m (30 ft).	Within 3 months
------	--------	---	---	-----------------



F-13	Egress	Southeast exit stair door does not swing in the direction of egress travel at the roof level.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
------	--------	---	--	-----------------



F-14	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-15	Fire Protection	Inspection, testing, and maintenance for the automatic sprinkler system was not in accordance with NFPA 25.	Inspect, test and maintain the automatic sprinkler system, and keep written records on-site, in accordance with NFPA 25.	Within 3 months
------	-----------------	---	--	-----------------

F-16	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was 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
------	-----------------	--	--	-----------------

