

FIRE SAFETY INSPECTION REPORT
Interfab Shirt Manufacturing Ltd (Unit-2)
Stoffatex Fashion Ltd.

ACCORD ID: 23717

580/1 , North Salana, Gazipur Shadar, Gazipur

GPS Coordinate: 24.047659, 90.379639

Other Factories: None



Inspected By: A N Faisal Ahmed

Date: 28 July, 2019

Fire Safety Inspection Report

Factory Name: Interfab Shirt Manufacturing Ltd (Unit-2)

Summary:

Interfab Shirt Manufacturing Ltd (Unit-2) was surveyed for fire safety on 28 July, 2019 by the Accord Inspection Team. The purpose of the 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.

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The Accord cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.



Findings & Recommendations :

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.

Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy .	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 2. 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. or 3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months

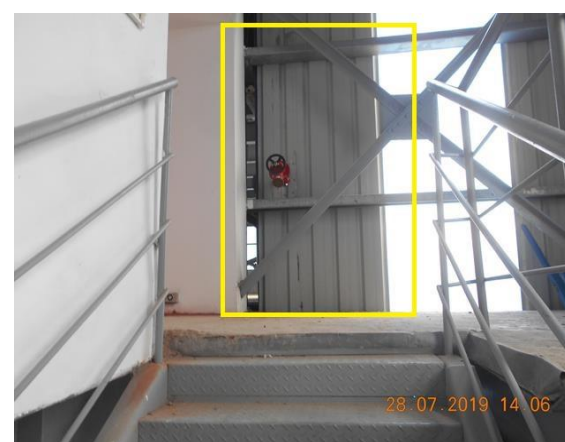




F-2	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas . Location: Building 01 & building 02.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months
-----	-------------------------	---	--	------------------------



F-3	Fire Rated Construction	The exit stairs are not separated from [work areas & other spaces] on each floor by fire-rated construction. Location: Building 01 & Building 02	Stairs shall be enclosed with a minimum 2-hr fire-rated construction. Seal all unprotected openings and provide minimum 1.5-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, 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	Penetrations through floor/ceiling assemblies are found unsealed. Location: Electrical riser.	Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 3 months
-----	-------------------------	--	--	-----------------





F-5	Egress	Handrails are provided in the exit stair but height is 48 inch from the leading edge of the tread.	Provide handrails have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in. as measured from the leading edge of the tread.	Within 3 months
-----	--------	--	---	-----------------

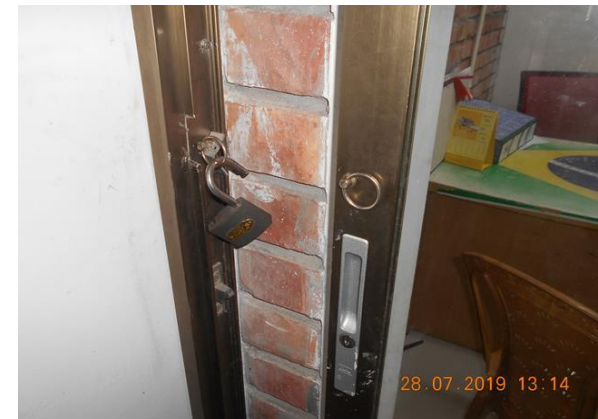


F-6	Egress	Parapets or guards are provided which is less than 1067mm (42 inch.). Location: Roof , 5th Floor sample	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months
  				
F-7	Egress	Collapsible gates / sliding doors are provided at production floor, store etc.	Replace 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	Immediate





F-8	Egress	Egress doors/gates with locking features not complying with NFPA 101 are provided at [building exits, along egress routes, exit discharge]	Remove locking features from all egress doors/gates. If locks are required for security reasons, utilize specialized door locking features complying with NFPA 101.	Immediate
-----	--------	--	--	-----------



F-09	Egress	Emergency evacuation map, occupant load signage are not posted properly on each stair door & location.	Install signage adjacent to each stair door indicating the stair name and the floor level at the noted locations in both English and Bengali language. Post the occupant load & emergency evacuation map for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space.	Within 1 month
F-10	Egress	Exit stairs discharge inside the building. Location: Building 01 stair no 02	Specify appropriate upgrade based on conditions: - Modify stair to discharge directly outside. - Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). - Provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 3 months



F-11	Egress Lighting	Exit signage & emergency light not illuminated (burned out, broken, etc.).	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs	Within 3 Months
 				
F-12	Fire Protection System	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval.	Design within 2 months, Install within 4 months (If modification required)





F-13	Fire Protection System	Inspection, testing, and maintenance for 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 01 month (After installation)
F-14	Fire Protection System	Fire pump, water supply & standpipe system installation requires detailed review to confirm compliance with NFPA 14, 20, 22, 25 and ACCORD standards.	Submit as built drawings, testing records, listing information and other relevant documentation to the ACCORD for review and approval, modification shall have to done as per the reviewed design (if required).	Design within 2 months, Install within 4 months (If modification required)





F-15	Egress Lighting	Manual on-off switch facility available for emergency lights & exit sign.	Remove manual on/off switches from emergency lighting units to prevent them from being switched off.	Within 1 month
------	-----------------	---	--	----------------



F-16	Fire Protection System	Inspection, testing, and maintenance of the standpipe & hose system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe & hose system, and keep written records on-site, in accordance with NFPA 25.	Within 01 month (After installation)
F-17	Fire Rated Construction	The construction period of steel structure building (Warehouse & dining building) is from February 2016 to December 2018. Factory has occupied the structure since January 2018. The main structural element of the building is constructed by steel which is non-rated and were found in exposed condition without any fire protection which is a violation of BNBC-2006.	The building shall be type-I or II construction. So, provide require rating in the structural elements of the building. Consult with a qualified fire protection engineer. Follow BNBC 2006-Table 3.2.4 & 3.1.9.	Within 6 months



F-18	Fire Rated Construction	The boiler and compressor rooms are not separated by fire rated construction (openings, non-rated doors, penetrations).	Separate the boiler and transformer rooms by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months
				



F-19	Egress	Mechanical maintenance work was located in the egress path from Warehouse & dining building & storage was located on exit stair.	Keep egress paths and stairs clear of storage.	Immediate

