

FIRE SAFETY INSPECTION REPORT

SUJI FASHIONS LTD.

ACCORD ID: 12875

**PLOT NO. P-04, MOHORA (NOXIOUS)CDA INDUSTRIAL AREA, KALURGHAT, CHITTAGONG-4208, BANGLADESH.
(22.393838, 91.861413)**

OTHER FACTORY (S): SHYMS FASHIONS LTD. & R.R PACKAGING LTD.



Inspected By: Dilip Kumar Mondal and Ferdaus Jaman

Date: 23 July, 2017

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.

Table-1:

Sl No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	The exit stairs enclosures are not separated from work areas and other spaces on each floor by fire-rated construction(Non rated doors, unsealed penetrations and openings etc.).	Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 1.5-hr fire rated doors for buildings that are 4 or more stories. 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. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets.	Within 3 months

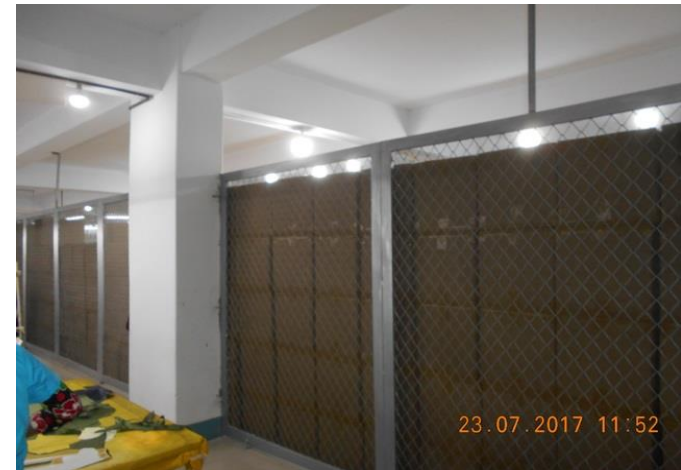




2	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction properly. Location: Accessories store at 3rd floor.	Provide dedicated storage room separated by minimum 1-hr fire-rated construction.	Within 3 months
---	-------------------------	---	---	-----------------



3	Fire Rated Construction	Areas used for combustible storage are not separated by fire rated construction. Location: 3rd 4th floors.	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
---	-------------------------	---	--	-----------------



4	Fire Rated Construction	The exit discharge path/egress court for South-East is less than 44 inch wide and not separated from the building interior.	The minimum width of exit discharge path/egress court shall be 44 inch. 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 2-hr fire separation in the case of egress court width less than 10 ft. Alternatively, provide a second remote discharge path to the public way (only include this if feasible).	Within 6 months
---	-------------------------	--	--	-----------------





5	Fire Rated Construction	The exit discharge path serving West exit is less than 10 ft. wide and is not separated from the building interior.	Seal all penetrations and openings 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.	Within 6 months
---	-------------------------	---	---	-----------------



6	Fire Rated Construction	Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies. Location: East side of 3rd & 4th floors-Electrical riser.	Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 months
---	-------------------------	--	--	-----------------



7	Egress	Egress doors/gates with locking features not complying with NFPA101 are provided at building. Location: Ground floor for west exit.	Remove locking features from all egress doors/gates. If locks are required for security reasons, utilize specialized door locking features complying with NFPA101.	Immediate
---	--------	---	--	-----------





8	Egress	Storage was located in all exit stairs. Location: On ground level.	Remove storage from the exit stairs and egress path	Immediate
---	--------	--	---	-----------



9	Egress	Sliding gates are provided at building's exits. Location: Ground floor for west exit.	Replace all collapsible gates/ sliding doors/ rolling shutter doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize specialized door locking features complying with NFPA101.	Within 1 month
---	--------	---	---	----------------



10	Egress	Storage was located in the egress path. Location: 3rd & 4th floors.	Keep egress path and stair clear of storage	Immediate
----	--------	---	---	-----------





11	Egress	The width of egress aisles is less than 36-inch. Location: 3rd & 4th floors.	Provide minimum aisle widths of 36-inch.	Within 3 months
----	--------	--	--	-----------------



12	Egress	Handrails are not provided on both sides of each exit stairs on all floors. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation. Or, Handrails are not provided at exit stairs.	Provide handrails on both sides of the exit stair. New handrails shall 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. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in).	Within 3 months
----	--------	---	--	-----------------



13	Fire Detection and Alarm System	The fire detection and alarm system is not antiquated, not a listed system and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire detection system with a new, listed addressable fire detection system in accordance with NFPA 72.	Design within 4 months, Install within 9 months
----	---------------------------------	---	--	---





14	Fire Protection System	The existing building has an occupied floor greater than 10 meter (33 feet) and is not provided with proper standpipe protection.	Install a new standpipe system, fire pump & fire department connection in accordance with NFPA 14,20,22 & 24. A class I system shall be permitted in buildings protected throughout by an automatic sprinkler system.	Design within 4 months, Install within 9 months
----	------------------------	---	---	---



15	Fire Detection and Alarm System-ITM	Inspection, testing, and maintenance (ITM) for the fire detection system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months (After complete installation)
16	Fire Protection System (ITM)	Inspection, testing and maintenance (ITM) of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 and ACCORD standards.	Within 3 months (After complete installation)
17	Fire Extinguishers (ITM)	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10.	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10 and ACCORD standards.	Within 3 months
18	Egress Lighting	Manual on-off switch facility available for emergency lights/exit signs.	Remove manual on/off switches from emergency lighting units/ exit signs to prevent them from being switched off.	Within 1 month



19	Egress Lighting	Exit sign not provided at exit. Location: 4th floor all exits.	Provide exit signs above all exits to the exterior and all doors to the exit stair.	Within 1 month
----	-----------------	--	---	----------------



20	Emergency Lighting-ITM	Inspection, testing, and maintenance (ITM) for the emergency lighting system were not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
21	Egress Lighting	Based on the number and location of emergency lights/exit signs observed, adequate illumination levels are not anticipated along egress routes. Location: All through the building.	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



