

FIRE SAFETY INSPECTION REPORT

Factory Name: Space Sweater Ltd (Jogitala)

ACCORD ID: 23383

Shi-145/1, Jogitola, Joydebpur.

23.973679, 90.405344

Other Factories: None



Inspected By: Ashfiq Ur Rahman, Md. Zahidul Islam

Date: 02 July, 2018.

Fire Safety Inspection Report

Factory Name: Space Sweater Ltd (Jogitala)

Summary:

Space Sweater Ltd (Jogitala) complex was surveyed for fire safety on 02/07/2018 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. 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



Findings & Recommendations :

Table-01:

Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Fire Rated Construction	Dinning and prayer room is not separated by 2-hr fire rated separation from production and other areas.	Separate the dining and prayer area by a minimum 2-hr fire-rated construction having a direct access to exit stair. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months



F-02	Fire Rated Construction	The exit stairs are not separated from [work areas, other spaces] on each floor by fire-rated construction.	Provide minimum 2-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 rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire rated 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 ACCORD standard 6.8.3.1 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
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F-03	Fire Rated Construction	Areas used for combustible storage at second floor are not separated by fire-rated construction from sample section, office and other occupancies.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
				
F-04	Fire Rated Construction	BBT penetrations through floor/ceiling assemblies are found unsealed.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 months
				



F-05	Fire Rated Construction	The (boiler and generator) room is not separated by fire rated construction (openings, non-rated doors, penetrations)	1. Boilers or other heat producing equipment shall be separated from other occupancies by a minimum 1-hr (2-hr for high-rise building) fire rated construction (wall, floor, slab etc). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.	Within 3 months
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F-06	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy at 4th floor.	Provide defined storage areas and limit the storage arrangement as follows:- 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. 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 - Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months
 				



F-07	Fire Rated Construction	The day-care room is located at ground floor does not have direct access to an exit stair and not separated from jacquard section.	1. Provide a direct access from daycare room to exit stair. [if the daycare is located at 1st floor] 2. Provide a minimum 2-hr fire-rated separation between the day-care room and jacquard section. or 3. Relocate day-care room to ground floor with maximum travel distance of 9m (30 ft).	Within 3 months
				
F-08	Fire Rated Construction	Bonded ware house are not separated from the surrounding occupancy/areas at ground floor.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months





F-09	Fire Detection & Alarm 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. Modification work shall be as per NFPA 72 .	Design within 4 month, installation/ modification within 6 months after drawing review
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F-10	Inspection, Testing, and Maintenance of the Fire Detection & Alarm System	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 1 month (After compliant installation).
F-11	Fire Protection System	The existing building has an occupied floor greater than 10 meter (33 feet) and is not provided with standpipe protection as per standard.	Install/modify the standpipe system & fire department connection in accordance with NFPA 14, 20, 22 and 24. Class-III standpipe system shall be installed for the entire building.	Design within 3 months, Install within 6 months



F-12	Inspection, testing and maintenance of the standpipe system	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 14.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 14 and ACCORD standards.	Within 3 month
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F-13	Emergency Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	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 month
 				
F-14	Inspection, testing, and maintenance of Emergency light and Exit Sign	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 month
F-15	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



F-16	Egress	Aisles not provided at packing section.	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.).	Within 3 months
 				

