

FIRE SAFETY INSPECTION REPORT

Good Rich Sweaters Ltd (new building)

ACCORD ID: 12891

Palashbari, Ashulia, Savar, Dhaka

OTHER FACTORY (S): NONE



Inspected By: Mohd Atick Al Zaman

Date: 29 January, 2018

Fire Safety Inspection Report

Good Rich Sweaters Ltd (new building)

Introduction:

Good Rich Sweaters Ltd (new building) was surveyed for fire safety on 29th January 2018 by The Accord Inspection Team. 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.



Findings & Recommendations :

Following table 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.

Building-2 (Shed building)

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.) Building-2.	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 Detection and Alarm System	The fire detection and alarm system is 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
3	Egress	Electrical panel/ IPS was located in all exit stairs. Location: Ground floor.	Remove electrical panel/ IPS from the exit stairs and egress path.	Within 1 month





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4	Storage Areas	Areas used for combustible storage are not separated by fire-rated construction	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
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5	Service Room Separation	Generator room is not properly separated by fire rated construction with other Occupancies/Areas	Separate the Generator room by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 3 months
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6	Discharge path	The exit discharge paths serving the Northwest 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 3 months
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7	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
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8	Inspection, testing, and maintenance	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 months
9	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)
10	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
Building-3 (8 Storied)				



11	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.) Building-3.	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
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12	Storage Areas	Areas used for combustible storage are not separated by fire-rated construction	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
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13	Storage Areas	Rooms used for combustible storage on the ground floor are not separated by fire-rated construction. Location: Basement.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
				
14	Fire Detection and Alarm System	The fire detection and alarm system is 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
15	Sprinkler For High Rise Building	The high-rise building has an occupied floor greater than 23 meter (75 feet) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection. Location: building-3.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design within 6 months, install within 12 months



16	Unprotected Fire Pump Room	The fire pump room is not provided with adequate fire separation. Location: Basement.	Provide fire pump room with 2 hr rated fire separation when not sprinklered and 1 hr rated fire separation when provided with automatic sprinklers in accordance with NFPA 20 Or, Physically separate the pump room from the protected building by a minimum of 50 ft (15.3 m) in accordance with NFPA 20	Within 3 months
				
17	Service Room Separation	The air compressor room is not separated by fire rated construction (openings, non-rated doors, penetrations). location: ground floor.	Separate the air compressor room by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 3 months





18	Inspection, testing, and maintenance	Inspection, testing and maintenance of the automatic sprinkler system is not in accordance with NFPA25.	Inspect, test and maintain the automatic sprinkler system and keep written records on- site, in accordance with NFPA 25 and ACCORD standards.	Within 3 Months
19	Inspection, testing, and maintenance	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 Months
20	Inspection, testing, and maintenance	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 months
21	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)
22	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
23	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

