

INITIAL FIRE SAFETY INSPECTION REPORT

Utah Fashions Ltd. (Extension)

RSC ID: 24156

South Salna, Salna Bazar, Gazipur.
Google Coordinates: 24.0160402,90.3830224

Other Factories: UTAH FASHIONS LTD



Inspected By: Mohammad Atick Al Zaman & Md. Kamrul Hasan

Date: 10 February 2021

Fire Safety Inspection Report

Factory Name: Utah Fashions Ltd. (Extension)

Introduction:

Utah Fashions Ltd. (Extension) was surveyed for fire safety on 10 February, 2020 by The RSC 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 RSC. 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 RSC for approval





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 RSC for approval.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Exit stairs are not separated from work areas and other spaces on each floor by fire rated construction due to unprotected openings and penetrations.	Separate the exit stairs from from work areas and other building spaces on all floor levels by minimum 2-hr firerated construction. Provide minimum 1.5-hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire seperation. Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies. 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 ACCORD standard 6.8.3.1.	Within 3 months



2	Emergency Egress Lighting	<p>Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location:-Throughout the building.</p>	<p>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.</p>	Within 3 months
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3	Interior Exit Discharge	Exit stair(s) is discharge the occupants inside the building. Exit passageway is not separated by fire rated construction from inside the factory building (both north & south side of the building).	<ol style="list-style-type: none"> 1. Modify stair to discharge directly outside. <li style="text-align: center;">Or 2. Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). <li style="text-align: center;">Or 3. Provide sprinkler protection for discharge floor in accordance with NFPA 13. 	within 3 months
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4	Parapets or Guards	Parapets or guards are not provided in occupiable roof.	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	within 3 months
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5	Storage in Egress Path	Storage was located in the egress path. (Location: North side of the building in exit discharge path)	Keep egress path and stair clear of storage.	Immediate
<div style="display: flex; justify-content: space-around;">   </div>				
6	Unprotected Fire Pump Room	The fire pump room is not provided with adequate fire separation from building interior and exit discharge path (north side of the ground floor).	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



7	Fire Alarm & Detection system	Provide automatic alarm and notification features consistet with acceptable standards throughout the building. Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Configure the fire alarm system to initiate automatic occupant notification on all floor levels to facilitate whole-building evacuation upon any manual fire alarm station activation. Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval.	Within 6 months
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8	Fire Alarm & Detection 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 3 months
9	Fire Rated Construction	Rooms used for combustible storage on the ground floor are not separated by fire-rated construction. Location: Office building.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	within 3 months



10	Discharge path	The exit discharge paths serving the South 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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11	Headroom	Headroom is found less than 6 feet 8 inches in mezzanine floors.	All means of egress shall have a minimum ceiling height of 2.3 m (7 ft 6 in.) with projections from the ceiling not less than 2.03 m (6 ft 8 in.). The minimum ceiling height shall be maintained for at least 2/3 of the space or room as long as the remaining area shall be not less than 2.03m (6 ft 8 in.). Headroom on stairs shall not be less than 2.03 m (6 ft 8 in.).	within 3 months
				
12	Inspection, testing, and maintenance	Inspection, testing, and maintenance of the automatic sprinkler system is not in accordance with NFPA 25 or as per Accord standard.	Inspect, test and maintain the automatic sprinkler system, and keep written records on-site, in accordance with NFPA 25 or as per Accord standard.	within 3 months

13	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
14	Inspection, testing, and maintenance	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 on- site, in accordance with NFPA 10 and ACCORD standards.	within 3 months