

INITIAL FIRE SAFETY INSPECTION REPORT

JL Fashions Limited (Relocated)

Factory ID: 24200

ADDRESS: Baniarchala, Mahna, Vhabanipur, Gazipur Sadar

Other Factories: None



Inspected By: Md. Rakibul Alam & Nainin Nowrose

Date: 12 August 2021

Fire Safety Inspection Report

JL Fashions Limited (Relocated)

Summary:

JL Fashions Limited (Relocated) complex was surveyed for fire safety on 12/08/2021 by The RSC 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 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.

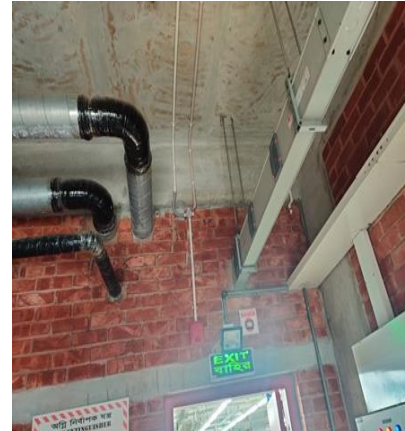
Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue. An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the RSC for approval.

Table-1: Findings And Recommendations

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	<p>Storage discharges directly into the exit stair discharge.</p> <p>Location: Main building 1st floor</p>	<p>Openings from exit enclosure to storage room, generator and transformer spaces shall be provided with a vestibule with fire rated construction and openings.</p> <p>Provide a 1.5 hr. fire rated door on the exit stair side and a 1-hr. fire rated door on the Store, generator, sub-station room side. Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure.</p>	Within 3 months



F-2	Fire Rated Construction	<p>Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies.</p> <p>Followings are the description of openings or penetrations indicating specific locations:</p> <ol style="list-style-type: none"> 1. Passing of BBT through rated walls from MDB room to the production area in each floor of Main building. 2. PVC pipes penetrate the floor slab in toilet in Main building. 3. Penetration due to exhaust fan duct in fire pump room in utility building. 	<p>Seal all penetrations and openings in floor/ceiling assemblies and fire separation wall by third-party certified fire rated materials to maintain the fire resistance rating. Or provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.</p>	Within 3 months
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F-3	Fire Rated Construction	Room used for combustible storage are not separated by fire rated construction on 2nd floor, Main building.	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Seal all penetrations and openings to maintain the fire resistance rating.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) and maximum area of 23m² (250 ft²).</p> <p>If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m² (1,000 ft²). Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).</p>	Within 3 months
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F-4	Egress	Elevator shaft is provided adjacent to the exit stair enclosure and open to exit stair enclosure. Location: Main Building.	Modify the elevator and stair enclosure arrangement in a way to satisfy Accord standard 6.14.3. Elevator shall not open into an exit enclosure. Elevator shaft shall be 2-hr fire rated and 1.5-hr fire rated opening protection from factory floor.	Within 4 months
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F-5	Egress	Exit stairs discharge to the interior of the building. Location: Main building and Facility building.	Modify stair to discharge directly outside. Or Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). Or Provide sprinkler protection for discharge floor in accordance with NFPA 13 meeting with Accord 6.17.3.	Within 6 months
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F-6	Egress	Slope of exit stair discharge ramp exceeding the limit.	Reconfigure the slope in accordance with Accord standard 6.3.5 and 6.10.2. New ramps shall not have a running slope greater than 1 in 12 (8 percent).	Within 3 months
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F-7	Fire Protection	The fire alarm and detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval/acceptance test.	Within 2 months
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F-8	Fire Protection	The fire pump set installation requires detailed review to confirm compliance with NFPA 20 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval/acceptance test.	Within 2 months
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F-9	Fire Protection	The firefighting system (Standpipe) installation requires detailed review to confirm compliance with NFPA 14 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval/acceptance test.	Within 2 months
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