

INITIAL FIRE SAFETY INSPECTION REPORT

Factory Name: Shad Fashion Ltd (New Building)

Factory ID: 24075

ADDRESS: Gorat, Zirabo, Ashulia, Savar,Dhaka-1341

Other Factories: None



Inspected By: Pantha Pallob Das & Shahina Imam

Date: 22 Dec 2020

Fire Safety Inspection Report

Shad Fashion Ltd. (New Building)

Summary:

Shad Fashion Ltd. (New Building) complex was surveyed for fire safety on **22/12/2020** 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 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 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	The production building is constructed by steel, all the structural elements of the building found exposed without any fire protection which is defined as non-rated construction and violation of BNBC-2006.	Construction must be of type 1 or type 2 (See BNBC 2006 Part 3 Section 3.2.4, page 10356) For type 2 construction, the maximum permissible height of the building shall be 4 stores or 14 meters. (See BNBC 2006 Part 3, Table 3.1.9, page 10319). Provide/ensure required fire rating on the structural elements by following Section 4.4 and Table 4.4.1 of the Accord Standard or Table 3.3.1 and Table 4.1.1 from BNBC. Consult a qualified fire protection engineer to design the rated construction barriers.	Within 6 months
				

2	Fire-Rated Construction	The exit stairs are not separated from [Ground Floor store area, other space] on each floor by fire-rated construction.	Stair shall be enclosed with a minimum 1-hr fire-rated construction. Seal all unprotected openings and provide minimum 1 -hr. fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, 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.	Within 3 months
 				
3	Fire-Rated Construction	The opening to the interior of the building at West Exit stair is less than 10ft wide and is 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.	Within 3 months



4	Fire Alarm and Detection	The factory has installed an addressable fire alarm & detection system which is required to be reviewed and verified.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval, modification (if required) shall have to done as per the reviewed design and NFPA-72 .&Upon approval & modification (if required) the owner shall verify the system by RSC for final acceptance.	Design within 2 months, installation/modification within 4 months (If required)
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