

INITIAL FIRE SAFETY INSPECTION REPORT

Factory Name: Jamuna Apparels Ltd. (Extension Buildings)

Factory ID: 24225

Google Co-ordinate: 23.900769, 90.400525

ADDRESS: 94/95 (Old), 46 (New), Block - C, Tongi Industrial Area, Tongi

Other Factories: N/A



Inspected By: Md. Hasibur Rahman Abir

Date: 27-September-2021

Fire Safety Inspection Report

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Introduction:

Jamuna Apparels Ltd. (Extension Buildings) complex was surveyed for fire safety on **27-09-2021** 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.

Limitations

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The RSC cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.

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 shed: 01 is constructed by steel & shed: 02 is partially constructed by steel. The main structural element of the buildings are constructed by steel which appears to be non-rated and were found in exposed condition.	<p>The buildings shall be type-I or type-2 construction as per BNBC 2006 Part 3 Section 3.2.4, page 10356.</p> <p>(For type 2 construction, the maximum permissible height of the building shall be 4 storeys or 14 meters. See BNBC 2006 Part 3, Table 3.1.9, page 10319)</p> <p>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 achieve the required fire rating.</p>	Within 6 months

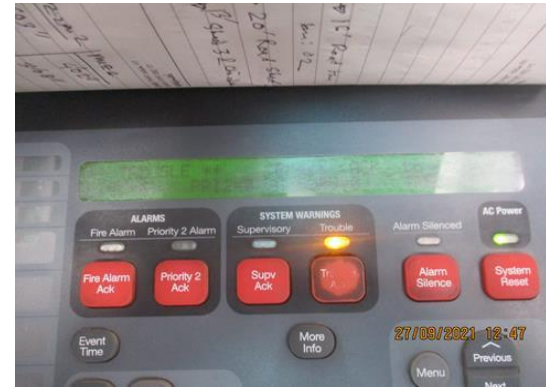


2	Fire-rated construction	Dining area is not separated from other occupancies with fire rated assemblies. Location: Shed: 03: Dining.	Re-locate the dining area or separate the dining area from other occupancies with 3-hr fire rated construction. Provide required exits that lead directly to the street or exit stairwell or leading to a corridor or open space.	Within 3 months
				
3	Fire-rated construction	Rooms used for combustible storage on the ground floor are not separated by fire-rated construction. Location: Ground Floor, Shed: 01	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



4	Egress lighting	<p>Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.</p> <p>Location: Store Room of Shed: 01, and Shed: 02</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 2 months
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5	Egress	A single means of exit has been provided. Location: 1st floor, Shed: 02.	Maintain maximum 30 occupants having a travel distance of 23m (75 ft). Or Provide additional exit.	Within 3 months	
6	Fire Protection	No smoking sign is not observed.	Signs shall be posted in Bengali and English at all building entrances.	Within 1 month	
7	Fire Alarm System	Fire alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Installation/Modification of the fire alarm system shall have to be done as per NFPA- 72. Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review. Upon approval & modification (if required) the factory shall inform RSC to conduct final testing and commissioning verification of the system for final acceptance.	Design within 2 months, installation/modification within 4 months	



8	Inspection, testing, and maintenance	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 and ACCORD standards.	Within 7 months
9	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 1 month