

INITIAL FIRE SAFETY INSPECTION REPORT

Shipra Fashion Ltd (Extension)

RSC ID: 26525

Geographical Coordinates: 24°17'35.3"N 90°19'35.4"E

Address: Shailat, Joina Bazar, Nij Mawna, Sreepur, Gazipur

Other Factories: Shipra Fashion Ltd(RSC ID- 24659)



Inspected By: Md. Anisuzzaman

Date: 09-December-2025

Fire Safety Inspection Report

Shipra Fashion Ltd (Extension)

Introduction:

Shipra Fashion Ltd (Extension); complex was surveyed for fire safety on **09-Dec-2025** 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.

General Factory Information

There are one structures covered under this RSC ID-26525.

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Production Shed, Single Storied. Total Floor Area: 18281 Sq. ft.	Sept-2024 to Mar-2025	Approved from LGED, Sreepur, Gazipur on date -17-05-2025	Apr-2025	Steel	New Building

Factory Address: Shailat, Joina Bazar, Nij Mawna, Sreepur, Gazipur.

Points of contact:

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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 review.

Table-1: Production Shed.

Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Means of Egress	The egress path along means of egress has interrupted by obstruction/storage/process. Location(s): Production Shed.	Keep egress paths and stairs clear of storage/obstruction in accordance with section 6.3.9 of RSC Technical Guidelines (Standard)¹ V1.0. Means of egress shall be maintained continuously free and clear of all obstructions or impediments to full instant use in the case of fire or other emergency. No furnishings, decorations, or other objects shall obstruct exits and access to exits. Nothing shall obstruct or impede visibility to exits.	Immediately
 				

F-2	Means of Egress	The egress court [serving south exit] is less than 10 ft wide and is not separated from the building interior which is not in accordance with section 6.17.2 of RSC Technical Guidelines (Standard)¹ V1.0. Location(s): South side of the Production Shed.	Egress courts less than 3050 mm (10 ft) in width (as measured from the building and the adjacent property line) shall be provided with walls having a 1-hr fire resistance rated construction for a distance of 3050 mm (10 ft) above the floor of the court. 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
				
F-3	Means of Egress	Posted Fire evacuation maps are not updated as per site conditions. Location(s): Production Shed.	Update the fire evacuation map and shall be posted at the entrance to each exit stair in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 13.3.	Within 1 Month
F-4	Means of Egress	Aisles were found missing on several locations throughout the building. Location(s): Production Shed.	Provide minimum aisle widths of 36-in. Aisles mark shall be clearly visible.	Within 1 Month



F-5	Means of Egress	Illuminated Directional signs are not provided where direction of the path of travel to an exit has changed. Location(s): Production Shed.	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.11.3.	Within 1 Month
F-6	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): Production Shed.	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. Illumination on means of egress shall meet in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 10.12.2.	Within 3 Months
F-7	Means of Egress	Uneven walking surface were found and exceed a slope of 1 in 20 in the direction of travel. Location(s): East & West side of the Production shed.	Walking surfaces shall be mostly level; however, shall not exceed a slope of 1 in 20 in the direction of travel unless meeting the requirements for ramps in 6.10 shall meet the requirements for RSC Technical Guidelines (Standard)¹ V1.0 Section 6.3.4.2.	Within 3 Months

				
F-8	Means of Egress	Building does not have occupant load signs at required locations on floor. Location(s): Production Shed.	Post the occupant load for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.4.4.	Within 1 Month
F-9	Means of Egress	Exit sign not provided at exit. Location(s): Production Shed.	Lighted exit signs shall be placed at entrance to an exit. Additional directional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious. Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated at all times. Exit Sign shall provide in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.11.	Within 1 Month

				
F-10	Means of Egress	Uneven path of travel was observed in the exit discharge path due to construction purposes. Location(s): South & West side of the Production Shed.	Remove unnecessary items and level exit path to the public way. Means of egress shall be maintained continuously free and clear of all obstructions.	Within 3 Months
 				

F-11	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy(Production). Location: Production Shed. Non-compliance reason: Due to non-Functional fire door & Certificate missing for installed fire door.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction in accordance with section 3.4.2.1.5 of RSC Technical Guideline (Standard). Keep proper datasheet & certifications for installed fire doors & accessories on-site for verification.	Within 3 Months
  				
F-12	Fire Rated Construction	Storages were found underneath the cutting tables. Location(s): Production Shed.	Storage underneath the cutting tables shall be kept clear of combustibles at all time, except as provided for miscellaneous storage in accordance with 3.4.2.1.6 or, Where an automatic sprinkler system is installed sprinklers are required to be installed beneath cutting tables greater than 4 ft in width that are used for storage of combustibles.	Within 3 Months



F-13	Fire Rated Construction	The required fire separation distance for the (Production Shed) does not comply with the requirements of BNBC 2020. Location(s): South side of the Production Shed.	The exterior walls shall have a fire resistance and opening protection as specified in BNBC 2020 Part 3 Table 3.2.2 & 3.2.3 and BNBC 2020 Part 3 Section 2.4.1.3.	Within 6 Months
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F-14	Fire Alarm & Detection System (FADS)	The factory has installed a fire alarm and detection system that requires a detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard). Location(s): Production Shed.	Submit the fire alarm and detection system design to RSC for review. Once the design is reviewed, install and modify the fire detection and alarm system throughout the building in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72. After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing.	Design within 2 Months and modification/ installation with 4 Months
				
F-15	Inspection, Testing & Maintenance (Fire)	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 RSC Technical Guidelines (Standard)¹ V1.0.s.	Within 1 Month after installation

F-16	Fire Suppression System (SUPS)	Fire extinguishers were found at several areas but placed on floors. Location(s): Production Shed.	The bottom of the fire extinguisher and the floor be less than 4 in.(102 mm). As per NFPA 10 section 6.1.3.8.3.	Within 1 Month
				
F-17	Inspection, Testing & Maintenance (Fire)	The required no smoking signs are not present in the factory.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs. Smoking sign shall post in accordance with section 13.5 of RSC Technical Guideline (Standard)	Within 1 Month
F-18	Inspection, Testing & Maintenance (Fire)	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 RSC Technical Guidelines (Standard) ¹ V1.0.s.	Within 1 Month

F-19	Inspection, Testing & Maintenance (Fire)	Fire drills are not conducted according to section 13.2 of RSC Technical Guidelines (Standard) ¹ V1.0.	Fire drills shall be conducted according to section 13.2 of RSC Technical Guidelines (Standard) ¹ V1.0. Fire drills shall be conducted on a monthly basis as outlined in BNBC 2020 Part 4 Appendix A.	Within 1 Month
F-20	Inspection, Testing & Maintenance (Fire)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC Technical Guidelines (Standard) ¹ V1.0.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with the RSC Technical Guidelines (Standard) ¹ V1.0. Keep written records on-site.	Within 1 Month
F-21	Inspection, Testing & Maintenance (Fire)	Written housekeeping policy was not found, which is required as per RSC Technical Guideline (Standard) section 13.6.	Establish written corporate and plant policies on housekeeping to ensure scheduled cleaning for floor, wall, ceiling, supply and return air ventilation systems. Promptly reschedule skipped cleanings. Provide a documented line of authority for authorizing a cleaning delay and rescheduling. As a general rule the maximum tolerable deposit thickness for loose fluffy lint is 13 mm (½ in.) over a maximum of 46.5 m ² (500 ft ²). Limit dense deposits to 6 mm (¼ in.) and oil saturated deposits to 3.2 mm (⅛ in.).	Within 1 Month
F-22	Inspection, Testing & Maintenance (Fire)	Hot-work permit program is not established yet, although it is required. However, hot-work is not going on in the factory right now.	Develop a hot-work permit program. The program must comply with the requirements of NFPA 51B. In general, this program should address the process of request and approval of authorities, necessary checks prior approval, standby fire watch and fire fighting equipment, sounding of alarm procedure, duration and expiry of permit and re-approval procedures, etc.	Within 1 Month