

INITIAL FIRE SAFETY INSPECTION REPORT

Fashion Pulse Ltd.

RSC ID: 26388

Geographical Coordinates: 23.895092515974618, 90.41356686325268

Address: Plot A-109, Bscic Industrial Area, Tongi, 1710 Gazipur

Other Factories: None



Inspected By: Md. Anisuzzaman & Md Kawsar Rubaiat

Date: 16-September-2025

Fire Safety Inspection Report

Fashion Pulse Ltd.

Introduction:

Fashion Pulse Ltd; complex was surveyed for fire safety on **16-Sept-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 total 4 structures covered under this RSC ID-26388. Among these, one structure is for production and other three structures are ancillary. The buildings are as below:

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Building-1 (Factory Building): B+G+8 Storied RCC building with Basement Fire Pump Room Total Floor Area: 1,37,577 Sq. ft	Jul-2019 to May-2023	Approved from BSCIC Dhaka, on date -24-06-2019 for all structures	Jul-2024	RCC	Interim Building
2	Building-2 (RMS): Single Storied Total Floor Area: 188 Sq. ft	Jul-2019 to May-2023		Jul-2024	RCC	Interim Building
3	Building-3 (Guard room): Single Storied Total Floor Area: 100 Sq. ft	Jul-2019 to May-2023		Jul-2024	RCC	Interim Building
4	Building-4 (S.T.P (Underground Structure) Total Floor Area: 800 Sq. ft	Jul-2019 to May-2023		Jul-2024	RCC	Interim Building

Factory Address: Plot A-109, Bscic Industrial Area, Tongi, 1710 Gazipur

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: All structures under this ID

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Means of Egress	The exit stair enclosures are not separated from work areas and other spaces on each floor by fire-rated construction Location(s): Building-1 Non-compliance: 1. Installed non-listed door of the 8th floor south side 2. Non-functional installed fire doors	The exit stair enclosure shall be provided with a minimum of 2-hr. fire resistance rating for buildings 4 or more stories. Provide 1.5 hr. fire rated door and seal all penetrations and openings by 2 hr. fire rated fire rated barrier construction for building with 4 or more stories in accordance with section 6.3.1.2 of RSC Technical Guidelines (Standard)¹ V1.0. Provide a fire-resistive rated assembly between the exterior exit stairs and the building up to 10 ft. beyond the end of the stair to achieve the required separation. The rated assembly shall be approved and/or designed by a qualified fire protection engineer. Ensure that the fire doors are self-closing and 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. Keep proper datasheet & certifications for installed fire doors & accessories on-site for verification. The clearance under the bottom of a door shall be a maximum of 3/4 in. (19 mm).	Within 3 months



F-2	Means of Egress	Egress door serving 50 or more occupants but does not swing in the direction of egress travel. Location: Main Exit Gate.	Modify swing direction of egress doors to the direction of egress travel. Doors serving an occupant load of more than 50 shall swing in the direction (out-ward) of egress travel in accordance with section 6.8.1 of RSC Technical Guidelines (Standard)¹ V1.0.	Within 1 Month
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F-3	Means of Egress	Posted Fire evacuation maps are not updated as per site conditions. Location(s): Building-1	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 in several locations of the building-01. Location: 1st & 2nd floor of the building-1	Provide minimum aisle widths of 36-in. Aisles mark shall be clearly visible.	Within 1 Month
 				

F-5	Means of Egress	Directional signs are not provided where direction of the path of travel to an exit has changed. Location(s): All floors of the building-1	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): All floors of the building-01	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
				

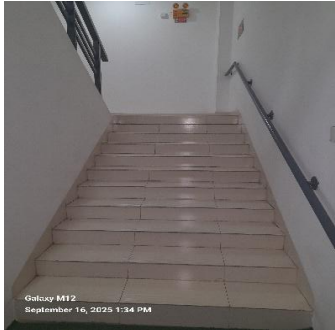
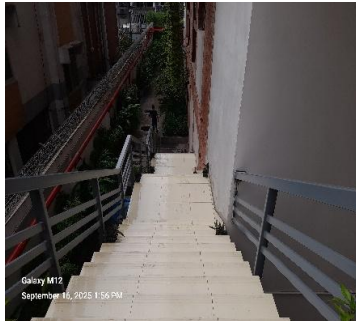
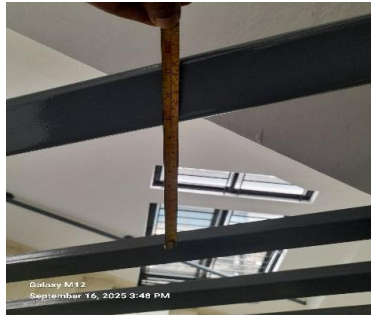
F-7	Means of Egress	Exit stairs serve more than 5 stories and do not have required reentry provisions on all floors. Location: Building-01	Every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets RSC Technical Guidelines (Standard) ¹ V1.0. Section 6.8.3.1.	Within 3 Months
F-8	Means of Egress	Stair clear width was found less than 60 in. Location: South side exit stair on ground floor of the building-1 Available Stair Width: 55inch.	Stairs shall have a minimum clear width of 60 in for all industrial occupancies as per RSC Technical Guideline (Standard) section of 6.5.6	Within 3 Months



F-9	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: East side of the building-01	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-10	Means of Egress	Walking surfaces are not uniformly slip-resistant. Location: East side of the building-01	Walking surfaces, including stairway treads, shall be uniformly slip-resistant (for all weather conditions) in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.3.6	Within 3 Months
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F-11	Means of Egress	Uneven path of travel was observed in the exit discharge path due to construction purposes. Location: South exit of the building-1.	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-12	Means of Egress	Building does not have updated occupant load signs at the required locations on the first floor (Dining capacity not included). Location: Building-1.	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-13	Means of Egress	Handrails are not provided on both sides of each exit stairs on all floors. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation. Location: South side of ground floor & first floor of west side. Non-Compliance: Intermediate rails is more than 200mm & missing of both side handrails	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.). Open guards shall have intermediate rails or pattern such that a sphere 200 mm (8 in.) in diameter cannot pass through any opening up to a height of 865 mm (34 in.). Handrail shall construct in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.12.	Within 1 Month
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F-14	Fire rated construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: 5th & 6th floors of the building-01	Provide defined storage areas and limit the storage arrangement as follows: Maximum height of 2.45 m and maximum area of 23 m² and is separated by a minimum 3.0 m (10ft) from other storage areas and they do not exceed 10 percent of the building area of the story in which they occur. or, If sprinkler protected, Maximum height 12 ft (3.66 m) and maximum area of 1000 ft² (93 m²) and separated by at least 25 ft (7.62 m) and does not constitute more than 10 percent of the building area or 4000 ft² (372 m²) of the sprinklered area, whichever is greater. or, Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 Months
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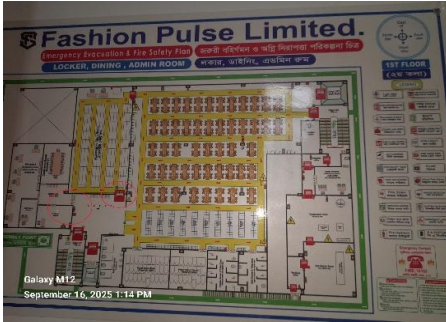
F-15	Fire rated construction	It was observed that one Cargo lift shafts open directly into the production floors, which are separated by fire-rated shutter doors with non-compliant egress facility. North side passenger lift opens into the production floor, which is separated by 2 hr fire-rated barrier, and the installed fire doors for opening protection are not properly functional. Location: Building-01 Non-Compliance: Fire rated shutter doors certificate missing, Egress facility was not found on the ground floor, Listing label was not found during inspection, Missing certificate of the installed fire doors, etc.	Elevator shaft shall be separated from the production area by 2 hours fire fire-rated construction. 2-hr fire barriers shall be protected with minimum 1.5-hr fire protective opening assemblies. Keep proper datasheet & certifications for installed fire-rated doors & accessories on-site for verification. Submit the fire-rated shutter doors certificate & technical datasheet to RSC for review.	Within 3 Months
 				

F-16	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed. Factory has installed fire-rated sealant materials to seal Cable riser/tray penetrations on several floors, but required documents, relevant design philosophy, etc. were not available on-site. Location: All floors, Building-01.	Seal all penetrations and openings in floor/ceiling assemblies by a listed through-penetration fire stop system tested in accordance with ASTM E814 or approved alternative standard to maintain minimum 3-hr. fire resistance rating. Installation shall be as per the manufacturer's published installation guidelines and the certification authority guideline to ensure the fire-rating in accordance with section 4.7 of RSC Technical Guideline (Standard) Or, Provide a minimum 2-hr fire-rated shaft to separate the penetration from each floor if required. Installation shall be as per the manufacturer's published installation guidelines and the certification authority guidelines to ensure the fire rating. Keep proper datasheet & certifications for installed fire-rated materials on-site for verification.	Within 3 Months
				

F-17	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed. Location: Through the Plastic pipes in toilet areas & store at ground floor of the building-01	Seal all penetrations and openings in floor/ceiling assemblies by a listed through-penetration fire stop system tested in accordance with ASTM E814 or approved alternative standard to maintain minimum 3-hr. fire resistance rating. Installation shall be as per the manufacturer's published installation guidelines and the certification authority guideline to ensure the fire-rating in accordance with section 4.7 of RSC Technical Guideline (Standard) Or, Provide a minimum 2-hr fire rated shaft to separate the penetration from each floor if required.	Within 3 Months
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F-18	Fire Rated Construction	Liquefied or compressed gas cylinders were located within the factory on ground floor, east side, without adequate fire separation. Location: Near RMS room	Remove the liquefied or compressed flammable gas cylinders. The storage or use of liquefied or compressed flammable gas (LPG/CNG) cylinders within the factory building as per section 3.4.2.1.11 of RSC Technical Guidelines (Standard)¹ V1.0. Or, Factory shall follow the requirements RSC Published "SUPPLEMENTARY PAPER ON TECHNICAL GUIDANCE NOTE FOR USE OF LIQUIFIED OR COMPRESSED FLAMMABLE GAS IN FACTORY PREMISES" to use or store liquefied or compressed flammable gas cylinders in the factory premises.	Within 3 Months
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F-19	Fire Rated Construction	Dining (with more than 300 occupants, E3) area is not separated from the store & office due to installed 2hr fire-rated door on the store & an unprotected opening from the office side. Location: 1st floor of the building-01	Separate the dining area from other occupancies with 3-hr fire rated construction, provide minimum 3-hr. rated doors for the openings and seal the unprotected penetrations. Provide required exits that lead directly to the street or exit stairwell or leading to a corridor or open space.	Within 3 Months
  				

F-20	Fire Rated Construction	Unprotected openings in the exterior wall in two consecutive floors lying within 1.5 m and vertical spread of fire is not restricted. Location: East & West side of the building-01	Provide flame barriers as similar as sunshades or cornices or projected wall at least 750 mm from the external face of the exterior wall. BNBC 2006 Part III chapter 3 clause 3.1.7.2.	Within 6 Months
 				

F-21	Fire Rated Construction	The required fire separation distance for the main production building does not comply with the requirements of BNBC 2006. Location: South, East & West sides of the building.	The exterior walls shall have a fire resistance and opening protection as specified in BNBC 2006, Tables 3.2.2 and Part 3 Section 2.4.1.3.	Within 6 Months
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F-22	Fire Rated Construction	First floor is not separated from ground floor(loading/unloading area) under the same roof at north side by fire rated construction due to unprotected opening	Separate each floor by fire rated construction as per BNBC-2006, Part-3, Chapter 3 and Table 3.3.1 & Table-4.1.1 of the RSC Technical Guideline Standard V1	Within 3months
				

F-23	Fire Rated Construction	The day-care room is not separated from other occupancy (Loading/unloading area/store) Location: North-East side of the building-01 Non-Compliance: Unprotected opening.	Separate the day-care from other occupancy ac per Table 3.2.1 (BNBC 2006/2020)	Within 3 months
				

F-24	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): All Buildings.	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 month and modification/ installation with 4 months
				
F-25	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-26	Fire Suppression System (SUPS)	The highest occupied floor of the main building is over 75 feet above grade, mandating a sprinkler system along with a class I standpipe. The factory has installed a sprinkler system with a class III standpipe, requiring a detailed review to ensure compliance with NFPA 13, 14, 20, 22, and 24 and RSC Technical Guidelines (Standard). Location: Main Production Building.	Submit the fire Suppression System (standpipe and sprinkler) design to RSC for review. Once the design is reviewed, install and modify the fire Suppression System throughout the building in accordance with review comments, RSC Technical Guidelines (Standard), and NFPA 13, 14, 20, 22 and 24. After installation, the owner shall conduct internal testing and commissioning, and then contact the RSC for witness of final acceptance testing.	Design within 2 month and modification/ installation with 4 months
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F-27	Fire Suppression System (SUPS)	Fire pump installation requires detailed review to confirm compliance with NFPA 20 and RSC Technical Guidelines (Standard)¹ V1.0. Location: Main Production Building-01	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval. Submit the standpipe system drawing to RSC for review. Once reviewed, install or modify the standpipe system throughout the building in accordance with RSC Technical Guidelines (Standard)¹ V1.0. and NFPA 14 and 20. The factory management shall contact RSC to conduct the final acceptance testing after the installation, testing & commissioning.	Design within 2 month and modification/ installation with 4 months
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F-28	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the standpipe system, sprinkler system & fire pump are not in accordance with NFPA 25.	Inspect, test, and maintain the standpipe system, sprinkler system & fire pump and keep written records on-site, in accordance with NFPA 25 and RSC Technical Guidelines (Standard)¹ V1.0.s.	Within 1 Month after installation.

F-29	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-30	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-31	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 m2 (500 ft2). Limit dense deposits to 6 mm (¼ in.) and oil saturated deposits to 3.2 mm (⅛ in.).	Within 1 Month
F-32	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