

INITIAL FIRE SAFETY INSPECTION REPORT

Genesis Fashions Ltd. (Extension - 3)

RSC ID: 26563

GPS Coordinates: 23°59'09.2"N 90°21'24.9"E

Address: 126/1 Kadda Nandun, Kadda Bazar, Gazipur Sadar.

Other Factories: Genesis Fashions Ltd. [ID-12351]; Genesis Fashions Ltd. – Extension (Previously Genesis Washing Ltd.) [ID-23012]; Genesis Fashions Ltd. (Extension - 2) [ID-26201].



17 February 2026 13:14



Inspected By: Mahbub Alam Sami

Date: 17-Feb-2026

Fire Safety Inspection Report

Genesis Fashions Ltd. (Extension- 3)

Introduction:

Genesis Fashions Ltd. (Extension - 3) complex was surveyed for fire safety on **17-Feb-2026** 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

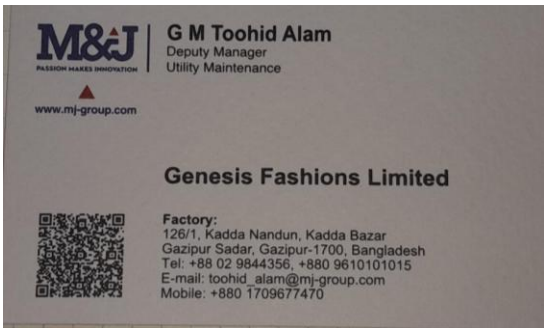
The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The RSC cannot accept general 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 three structures covered under this RSC ID 26563. The buildings are as follows:						
SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Cutting Shed [Single-Storied] Total Area: 38,500 Sq. ft	March 2025 to July 2025	Not available	Aug-2025	Steel	New
2	Wastage & Stone Shed [Single-Storied] Total Area: 3,956 Sq. ft	March 2025 to July 2025	Not available	Aug-2025	Steel	New
3	Workshop-2 [Single-Storied] Total Area: 2,000 Sq. ft	March 2025 to July 2025	Not available	Aug-2025	Steel	New

Factory Address: 126/1 Kadda Nandun, Kadda Bazar, Gazipur Sadar.

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: Cutting Shed, Wastage & Stone Shed and Workshop-2.				
SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Means of Egress	The egress court serving the east exit of the Wastage & Stone Shed is less than 10 ft wide and is not separated from the building interior and Workshop-2, which is not in accordance with section 6.17.2 of RSC Technical Guidelines (Standard)¹ V1.0. Location: East exit of the Wastage & Stone Shed.	Egress courts less than 3050 mm (10 ft) in width (as measured from the building and the adjacent structure) 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-02	Means of Egress	Changes in level were found 25 in., where RSC Technical Guidelines (Standard)¹ V1.0 Section 6.9 or 6.10 don't meet. Location(s): Exit-1 (N-E) and Exit-2 (S-E) of Cutting Shed. Non-compliance reason: Handrails are not provided.	Changes in level exceeding 535 mm (21 in.) in elevation shall meet the requirements for stairs in 6.9 or ramps in 6.10. The change in level shall be readily apparent and if not, marked with additional signage or floor markings.	Within 3 Months
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F-03	Means of Egress	Fire evacuation maps are not posted at the entrance of all exits. Location(s): Cutting Shed, Wastage & Stone Shed and Workshop-2.	Fire evacuation maps 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-04	Means of Egress	Updated occupant load signs are not found at the required locations. Location(s): Cutting Shed, Wastage & Stone Shed and Workshop-2.	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-05	Means of Egress	Exit signs are not provided at the exit. Location(s): Cutting Shed, Wastage & Stone Shed and Work Shop-2.	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-06	Means of Egress	Directional signs are not provided where the direction of the path of travel to an exit has changed. Location(s): Cutting Shed and Wastage & Stone 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

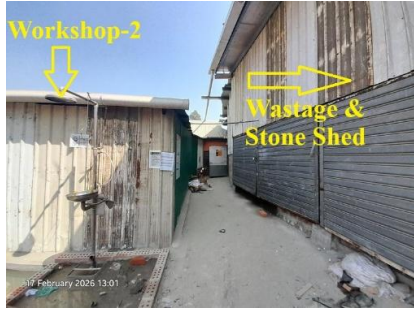
 				
F-07	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): Cutting Shed, Wastage & Stone Shed and Work Shop-2.	Test the emergency lighting system on each floor and provide additional emergency 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-08	Means of Egress	Aisles were found missing in the Wastage & Stone Shed & Workshop-2. Location(s): Wastage & Stone Shed and Workshop-2.	Provide minimum aisle widths of 36-in. Aisles mark shall be clearly visible.	Within 1 Month
 				
F-09	Means of Egress	Unprotected opening within 10 ft horizontal distance from the discharge point where the elevation of the unprotected opening is less than 10 ft. Location(s): Exit-1 (N-E), Exit-2 (S-E), Exit-3 (South) and Exit-5 (N-W) of Cutting Shed.	Provide protection of unprotected opening within 10 ft horizontal distance from discharge point where elevation of unprotected opening is less than 10 ft.	Within 3 Months

 				
F-10	Means of Egress	A sliding-type door has provided along the means of egress [exit discharge]. Location(s): Workshop-2.	Replace all sliding type doors & gates by the side-hinged swinging type doors in accordance with section 6.8.1 of RSC Technical Guidelines (Standard)¹ V1.0. All doors in a means of egress shall be of the side-hinged swinging type. Roll--down and sliding gates and shutters shall not be allowed. Doors serving an occupant load of more than 50 shall swing in the direction of egress travel.	Within 1 Month



F-11	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location(s): Cutting Shed.	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 a 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-12	Fire Rated Construction	The required fire separation distance for the sheds does not comply with the requirements of BNBC 2020. Location(s): West side of the Cutting Shed, South side of Workshop-2 and North side of the Wastage & Stone 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
 				

F-13	Fire Rated Construction	Rooms used for fabric and cartoon material storage are not separated from the surrounding production areas. Location(s): Cutting Shed.	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).	Within 3 Months
 				
F-14	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-15	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-16	Inspection, Testing & Maintenance (Fire)	Hot work has been observed without maintaining permit system & hot work policy was not being maintained properly.	A hot-work permit system in accordance with NFPA 51B shall be provided for any construction in an occupied facility & shall maintain properly. Fire watch personnel shall not be assigned other duties.	Within 1 Month
				

F-17	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 structures under this ID.	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-18	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.	Within 1 Month after installation.
F-19	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.	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