

INITIAL FIRE SAFETY INSPECTION REPORT

Remix Collections Ltd.

RSC ID: 26533

Geographical Coordinates: 24.244255279075325, 90.40880093669577

Address: Sa-34, Mulaid, Telihaty, Sreepur

Other Factories: None



Inspected By: Md. Kawsar Rubaiat

Date: 18-November-2025

Fire Safety Inspection Report

Remix Collections Ltd.

Introduction:

Remix Collections Ltd., complex was surveyed for fire safety on **18-Nov-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 6 structures covered under this RSC ID-26533. Among these, one structure is for production, and the other structures are ancillary. The buildings are as follows:

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Building-1 (Production Building): Single-storied (Proposed G+4 Storied) Total Floor Area: 8,787 Sq. ft	Sep-2023 to Dec-2024	16-May-2023 Upazila Parishad, Sreepur	Apr-2025	RCC	New
2	Building-2 (Generator Shed): Single-storied Total Floor Area: 260 Sq. ft	Feb-2025 to Feb-2025	16-May-2023 Upazila Parishad, Sreepur	Apr-2025	Steel Roof	New
3	Building-3 (Doctor's Shed): Single-storied Total Floor Area: 323 Sq. ft	Jan-2025 to Jan-2025	16-May-2023 Upazila Parishad, Sreepur	Apr-2025	Steel	New

4	Building-4 (Pantry shed): Single-storied Total Floor Area: 129 Sq. ft	Jan-2025 to Jan-2025	16-May-2023 Upazila Parishad, Sreepur	Apr-2025	Steel	New
5	Building-5 (Toilet Shed): Single-storied Total Floor Area: 323 Sq. ft	Feb-2025 to Mar-2025	16-May-2023 Upazila Parishad, Sreepur	Apr-2025	Steel	New
6	Building-6 (Temporary Wastage Shed): Single- storied Total Floor Area: 108 Sq. ft	Sep-2023 to Sep-2023	16-May-2023 Upazila Parishad, Sreepur	Oct-2023	Steel	New

Factory Address: Sa-34, Mulaid, Telihaty, Sreepur.

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	Egress door serving 50 or more occupants, but does not swing in the direction of egress travel. Location(s): N-E exit, Production Building.	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
 				

F-2	Means of Egress	Electrical appliance & Maintenance were located in the N-W exit. Location: N-W, Production Building.	Remove and relocate all Electrical panels exit stair enclosures. Or, Provide fire separation with stair enclosure in accordance with section 6.3.1 of RSC Technical Guidelines (Standard)¹ V1.0.	Within 3 Months
				

F-3	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: Boiler room exit.	Provide protection of unprotected openings within 10 ft horizontal distance from discharge point where elevation of unprotected opening is less than 10 ft.	Within 3 Months
				

F-4	Means of Egress	Minimum ceiling height of the production floor is less than 3.3 meters (available 3 m). Location(s): Production Building.	The ceiling height of a production floor shall not be less than 3.3 meter as per article 1.2, chapter 1, part III and article 2.11, Part III, Chapter -2, BNBC 2020.	Within 3 Months
				

F-5	Means of Egress	Changes in level were found 30 in. where RSC Technical Guidelines (Standard)¹ V1.0 Section 6.9 or 6.10 doesn't meet. Location: All exits, Production Building.	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
  				
F-6	Means of Egress	Fire evacuation maps are not updated as per site conditions. Location(s): All structures.	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-7	Means of Egress	Building does not have occupant load signs at required locations on all floors. Location(s): All Buildings.	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-8	Means of Egress	Exit sign not provided at exit. Location(s): Generator shed, doctor's shed, pantry shed, boiler room.	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-9	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 structures.	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-10	Means of Egress	Handrails are not provided on both sides of each exit stair accessible to the rooftop. Having handrails on one side of said staircase may pose a falling hazard during evacuation. Location(s): S-W Stair; Production Building.	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 3 Months
				

F-11	Means of Egress	Parapets or guards are not provided on the occupiable roof. Location: Rooftop, Production Building.	Provide parapets or guards with a minimum height of 1067mm (42 inch.) in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.12.	Within 3 Months
				

F-12	Means of Egress	Directional signs are not provided where the direction of the path of travel to an exit has changed. Location: Production Building.	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-13	Fire Rated Construction	Boiler, compressor equipment are not properly separated by fire-rated construction from the production floor. Location: Ground floor, Production Building.	Boilers or other heat-producing equipment shall be separated from other occupancies by a minimum 1-hr fire-rated construction (wall, floor, slab, etc.). Seal all penetrations and openings (door, window, etc.) should be protected by 0.75-hr (45 min) fire-rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building. Boiler room separation shall meet section 3.4.2.1.2 of RSC Technical Guideline (Standard) .	Within 3 Months
				

F-14	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: Production Building.	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 of 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
				

F-15	Fire Rated Construction	Storages were found underneath the cutting tables. Location: Production Building.	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
 The photograph shows a workshop or production area. In the center, there is a long, light-colored cutting table on a metal frame. Underneath the table, various items are stored, including what appear to be bags of material. In the background, there is a red fire door and some equipment on the wall. A yellow line is painted on the floor. A timestamp in the bottom right corner of the photo reads '18/11/2025 1:06 pm'.				

F-16	Fire Rated Construction	Liquefied or compressed gas cylinders were located within the factory. Location: Pantry Shed.	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
		 18/11/2025 12:52 pm	 18/11/2025 12:52 pm	

F-17	Fire Rated Construction	The required fire separation distance does not comply with the requirements of BNBC 2020. Location: South & West side, Production Building.	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-18	Means of Egress	Uneven path of travel was observed in the exit discharge path due to construction purposes. Location: North side, Production Building.	Remove unnecessary items and level exit path to the public way. Means of egress shall be maintained continuously free, even and clear of all obstructions.	Within 3 Months
				

F-19	Fire Alarm & Detection System (FADS)	The fire alarm system is antiquated, not a listed system and does not provide alarm and notification features consistent with acceptable standards. Location: All Buildings.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72 to meet section 5.7.3 of RSC Technical Guideline (Standard) Submit the proposed fire alarm 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 comments, RSC/ 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-20	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-21	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10. Location(s): All Buildings.	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-22	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. Location(s): All Buildings.	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-23	Inspection, Testing & Maintenance (Fire)	The required no smoking signs are not present in the factory. Location(s): All Buildings.	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-24	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-25	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