

INITIAL FIRE SAFETY INSPECTION REPORT

Rhythm Fashion Ltd.

RSC ID: 26636

GPS Coordinates: 22.326606, 91.796812

Address: 687 CDA R/A, Road No:20, Agrabad, Chittagong-4100

Other Factories: N/A.



Inspected By: Md. Golam Kibria

Date: 14-June-2026

Fire Safety Inspection Report

Rhythm Fashion Ltd.

RSC ID: 26636

Rhythm Fashion Ltd. complex was surveyed for fire safety on **14-Jun-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.

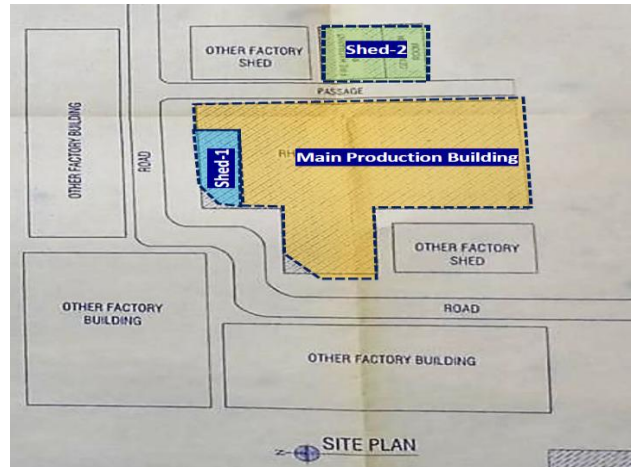
Limitations

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.

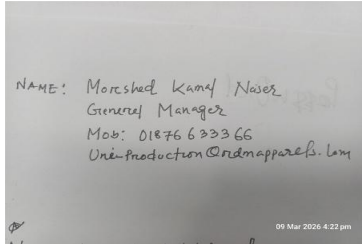
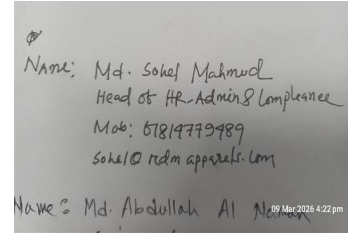
The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, 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						
SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type & Floor area	Construction Category
1	Main Production Building	The structure is a 6-storied RC building with a basement (B+G+5). The construction of the building completed in two phase. The first phase (east side-production area) construction started in June 2002 and was completed in January 2004. The second phase (west side-office area) construction started in June 2010 and was completed in October 2013.	29-Sep-1983 from CDA, 08-Apr-2024 from DIFE.	The factory started operation in Mar-2004 (Production Part) and Oct-2013 (Office Part)	RCC-(B+G+5) Basement area-5,400 sqft., Ground to 5th, per floor area-7,489 sqft., Total Area: 50,334 sqft.	Existing
2	Shed-1	Jun-2002 to Jan-2003	No Approval	Mar-2004	Single Story Shed Floor area-600 sqft.	Existing

3	Shed-2	Apr-2016 to Jun-2016	15-Jan-2017 from CDA, 10-Dec-2018 from DIFE.	Jun-2016	Single Story Shed Floor area-550 sqft.	Interim
---	--------	----------------------	---	----------	---	---------



Points of contact:

Mohammed Kaikobad Chairman Cell: +8801819171463 Email: kaikobad_md@jks-bd.com	Md. Mosleh Uddin Shohel Sr. Manager, HR & Compliance Cell: +8801616265796 Email: shohelctg28@gmail.com
 NAME: Morshed Kamal Naser General Manager Mob: 01876 633366 Uniq-production@rdmapparel.com 09 Mar 2026 4:22 pm	 Name: Md. Sohail Mahmud Head of HR Admin & Compliance Mob: 67819779989 Sohail@rdmapparel.com Name: Md. Abdullah Al Noor 09 Mar 2026 4:22 pm

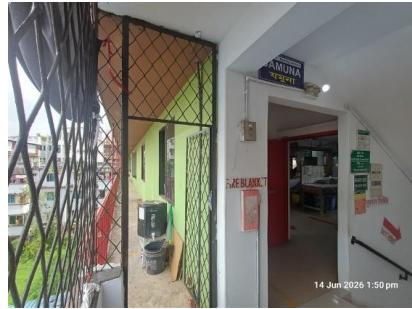
Findings & Recommendations :

Table 1 summarize the fire safety non-compliant issues identified during the inspection. Recommendations have been provided to address each issue with specific remediation timeline. 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:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Means of Egress	During the inspection, it was noted that the fire doors were not effectively latching and door co-ordinator were not properly functional. Location: Exit Stair-1, 2, and 3.	Ensure that the fire doors are self-closing and positive latching. If fire doors are required to be held open for operational purposes, provide automatic closing devices tied to the fire alarm system.	Within 3 Months
 				

F-02	Means of Egress	Unsealed penetrations and openings are located in exit stair enclosures. Location(s): Penetrations Due to Electrical cable passing through the exit stair enclosure-1, 2, and 3.	No other penetration into and through the exit enclosure except for fire alarm equipment electrical raceway, required exit doors, sprinkler piping, standpipes, and electrical conduit serving the exit enclosure is permitted in accordance with section 6.14.4 of RSC Technical Guidelines (Standard)¹ V1.0. So, relocate the electrical wires/raceways to somewhere else avoiding the exit enclosure, and seal the created unprotected openings with a minimum of 1.5 hours listed/certified fire-rated materials. Installation shall be as per manufacturer published installation guideline and the certification authority guideline to ensure the fire-rating. Or, Seal the penetration by 2-hr masonry construction.	Within 3 Months
 				

F-03	Means of Egress	The exterior of the exit stair-1 and 3 is enclosed by nonrated walls or unprotected openings, which are exposed to other parts of the building at an angle of less than 180 degrees (3.14 rad). Location: Exit Stair-1 and 3 in Main Production Building.	Nonrated walls or unprotected openings enclose the exterior of the stairway and the walls or openings are exposed by other parts of the building at an angle of less than 180 degrees (3.14 rad), the building exterior walls within 3050 mm (10 ft) horizontally of a nonrated wall or unprotected opening shall have a fire-resistance rating of not less than 1 hr. in accordance with section 6.3.1.3 of RSC Technical Guidelines (Standard)¹ V1.0. Openings within such exterior walls shall be protected by opening protectives having a fire protection rating of not less than ¾ hr.	Within 3 Months
 				

F-04	Means of Egress	Sliding doors have been provided along means of egress. Location: 4th and 5th Floors.	Replace all collapsible/sliding/shutter 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-05	Means of Egress	Exit stairs serve more than 5 stories and do not have required reentry provisions on all floors. Location: Main Production Building.	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-06	Means of Egress	Building does not have occupant load signs at required locations on all floors. Location: Main Production Building.	Post the occupant load for every assembly and production floor 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-07	Means of Egress	Building does not have stair/floor level designation signs at required locations. Location: All Floors.	Provide stair designation sign at each floor entrance from the stair to the floor in English and Bengali. Signs shall indicate the name of the stair and the floor level. Signs shall be posted adjacent to the door in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.9.3.	Within 1 Month
 				

F-08	Means of Egress	Updated fire evacuation maps is not posted at the entrance of exits. Location: All Floors.	Update the fire evacuation map and shall be posted at the entrance to each exit in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 13.3.	Within 1 Month
 				

F-09	Means of Egress	Guard rail height was found inadequate adjacent to the means of egress. Location: 3rd and 5th Floor in Main Production Building.	Guards shall be provided at all open sides of means of egress that exceed 760 mm (30 in.) above the floor or finished ground below. Guards shall have a minimum height of 1067 mm (42 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.). Guard shall construct in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.12.	Within 3 Months
 				

F-10	Means of Egress	The egress courts [serving south and east exits] are less than 10 ft wide and are not separated from the building interior/adjacent building exterior which is not in accordance with section 6.17.2 of RSC Technical Guidelines (Standard)¹ V1.0. Location: South and East Exit at Ground Floor from Main Production Building and Shed-2.	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-11	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: All Floors.	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.	Within 3 Months
 				

F-12	Means of Egress	Directional signs are not provided where direction of the path of travel to an exit has changed. Location: All Floors in Main 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	Means of Egress	Exit signage not illuminated adequately during testing. Location: All Buildings/Sheds.	Regularly inspect all exit signage as per RSC Technical Guidelines (Standard)¹ V1.0. and replace/install lights as needed to illuminate signs.	Within 1 Month
 				

F-14	Means of Egress	Egress door serving 50 or more occupants but does not swing in the direction of egress travel. Location: 1st and 2nd Floor in Main 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-15	Means of Egress	Aisles were found missing on several locations throughout the building. Location: 1st, 2nd, and 5th Floor in Main Production Building.	Provide minimum aisle widths of 36-in. Aisles mark shall be clearly visible.	Within 1 Month
 				

F-16	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: 2nd Floor in Main 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 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
 				

F-17	Fire Rated Construction	The fire pump room is not provided with adequate fire separation. Location: Shed-2. Non-compliance reason: Non-rated opening in rated wall.	Provide fire pump room with 2 hr. rated fire separation when building is not fully sprinklered and 1 hr. rated fire separation when the building is provided with automatic sprinklers in accordance with NFPA 13. Or, Physically separate the pump room from the protected building by a minimum of 50 ft. (15.3 m) in accordance with NFPA 20. Provide direct access from the outside or provide a 2-hr enclosed passageway from an enclosed stairway or exterior exit.	Within 3 Months
 				

F-18	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the child care room. Location: Ground Floor in Main Production Building. Non-compliance reason: Non-rated Opening with Child Care.	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-19	Fire Rated Construction	Dining (E4 occupancy) area is not separated from production (G2 occupancy) with fire rated assemblies. Location: 5th Floor in Main Production Building.	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	Penetrations through floor/ceiling assemblies are found unsealed. Location: All Floor in Main Production Building. Non-compliance reason: Electric Cable and Plastic Plumbing Pipe Penetrations.	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./ 2-hr. fire resistance rating. Installation shall be as per manufacturer published installation guideline 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
 				

F-21	Fire Rated Construction	Office area (F1) (more than 10% of floor area) was not separated from the Production area(G2) due to non rated door at main building. Location: 1st and 4th Floors in Main Production Building.	Ensure the office area(F1) is fire separated by minimum 3-hr fire rated construction barrier with the production area(G2) as per table 3.2.1 of BNBC-2006.	Within 3 Months
 				

F-22	Fire Suppression System (SUPS)	Boiler is not properly separated by fire rated construction with production area. Location: Ground Floor in Main 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-23	Fire Suppression System (SUPS)	The factory has installed a Standpipe & Hose system that requires a detailed review to confirm compliance with NFPA 14, 20, 24 and RSC Technical Guidelines (Standard). Location: Main Production Building.	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, 20,22 and 24. After installation the owner shall contact the RSC for witness of conducting the final acceptance testing of the standpipe system.	Design within 2 Months and Modification/ Installation within 4 Months
  				
F-24	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 25.	Inspect, test and maintain the fire pump system 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-25	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system 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-26	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: All Buildings/Sheds.	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 within 4 Months
  				
F-27	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance for the fire detection and alarm system was not in accordance with standard. Location: All Buildings/Sheds.	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72.	Within 1 Month (after installation)

F-28	Inspection, Testing & Maintenance (Fire)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC standard. Location: All Buildings/Sheds.	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 (after installation)
F-29	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10. Location: All Buildings/Sheds.	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)	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-31	Inspection, Testing & Maintenance (Fire)	Machine layout plan and Building approval from appropriate authority are not available at site. Location: Shed-1.	Get all the required licenses and permits from the proper issuing authority and keep it at site.	Within 1 Month