

INITIAL FIRE SAFETY INSPECTION REPORT

M.M. Knitwear Ltd. (Extension 2)

RSC ID: 26630

Geographical Coordinates: 24.014127, 90.318044

Address: Ambagh Road, Konabari, Nilnagar, Gazipur

Other Factories: M.M. Knitwear Ltd. [RSC ID: 9358]; MAMUN KNITWEAR LTD. [RSC ID: 24520]

M.M. Knitwear Ltd. (Extension Buildings) [RSC ID: 24162]



Inspected By: Mahfuza Khanom & Protik Kumar Das

Date: 18-May-2026

Fire Safety Inspection Report

M.M. Knitwear Ltd. (Extension 2)

Introduction:

M.M. Knitwear Ltd. (Extension 2) complex was surveyed for fire safety on **18-May-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						
9 Structures covered under ID: 26630 are as follows:						
SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Building 5 (Part-B): 8 storied , G+6 (Complete), Others floor under construction Total Floor Area: 2,70,540 Sq. ft (Currently)	February, 2017 to Ongoing	Approved By Gazipur City Corporation, Dhaka, on 04-Aug-2019	Oct-2025	RCC	Interim
2	Security building: 2 storied (G+1) Total Floor Area: 2486 Sq. ft	January, 2019 to July-2019	Approved By Gazipur City Corporation, Dhaka, on 03-Oct-2019	Sep-2019	RCC	Interim
3	Yarn shed: Single storied Shed Total Floor Area: 20000 Sq. ft	January, 2024 to March-2024	Not Found	Mar-2024	Steel	New
4	Car Parking shed: Single Storied Shed Total Floor Area: 958 Sq. ft	March-2020 to March-2020	Not Found	Mar-2020	Steel	Interim
5	Toilet Block: Single Storied Shed Total Floor Area: 183 Sq. ft	March-2024 to May-2024	Not Found	May-2024	Steel	New

6	Canteen shed: Single Storied Shed Total Floor Area: 398 Sq. ft	June-2018 to Aug-2018	Not Found	Aug-2018	Steel	Interim
7	33 KV Substation Total Floor Area: 350 Sq. ft	April-2017 to July-2017	Approved By Gazipur City Corporation, Dhaka, on 23-Sep-2019	Not Activated Yet	RCC	Interim
8	Security Post (Gate-5): Single Storied Total Floor Area: 120 Sq. ft	January, 2019 to July-2019	Not Found	Sep-2019	RCC	Interim
9	Boiler Shed (B5) Total Floor Area: 247.57 Sq. ft	February, 2024 to January-2025	Not Found	Not Activated Yet	Steel	New

Factory Address: Ambagh Road, Konabari, Nilnagar, Gazipur

Note 1: Building-5 (part-B) has two independent stair. The building shares two dependent stair with Part-A. The building has a common lift corridor between Part-A and Part-B. That's why Part-A & Part-B are considered as a single fire event.

Note 2: During the inspection, Shed-05 (Jhut & Boiler), Jhut Delivery Shed, Boiler Shed (MKL) was found in the factory premises. Boiler Shed (MKL) adjacent to Building-11 to be covered under MAMUN KNITWEAR LTD. (ID- 24520). Shed-05 (Jhut & Boiler) and Jhut Delivery Shed adjacent to Building-1 to be covered under M.M. Knitwear Ltd. (ID-9358).

Note 3: Six structures (Building 1, Building 2, Building 3, Generator Shed, Dyeing shed 1, Dyeing shed 2) was previously covered by ACCORD under “M.M. Knitwear Ltd. (ID-9358)”.

Twelve (12) structures (Building-04, Building-05 (Part-A), Building-06, Building-07, Building-08, Building-09, Building-10, Building-11, Shed-2, Shed-3, Shed-4 and Pump Room) were previously inspected by RSC under “MM Knit Wear (Extension Buildings) (ID- 24162).

One (01) structure (Building-11) were previously inspected by RSC under “MAMUN KNITWEAR LTD. (ID- 24520).

Findings & Recommendations :

Table-1 & 2 summarize 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.

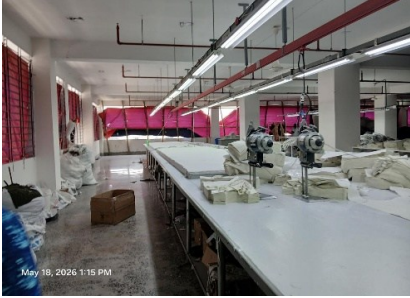
Table-1: Building 5 (Part-B).

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Means of Egress	The exit stairs are not separated from [work areas, other spaces] on each floor by fire-rated construction. Location(s): All exit stairs, Building 5 (Part-B). Non-Compliance: Unprotected opening with exit stair enclosures, unsealed penetration due to standpipe and sprinkler pipe, installation of fire door not completed yet etc.	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 buildings 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). Ensure that the listing labels are clearly visible for the installed fire doors.	Within 3 Months

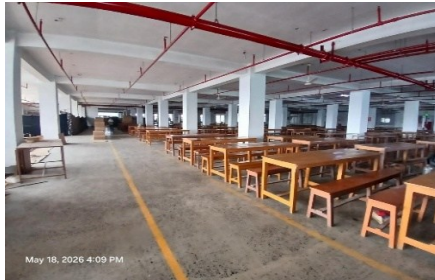
				
F-02	Means of Egress	Fire evacuation maps are not updated and provided as per site condition. Location(s): Building 5 (Part-B).	Update the fire evacuation map and shall be posted at the entrance to each exit stair in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 13.3.	Within 3 Months

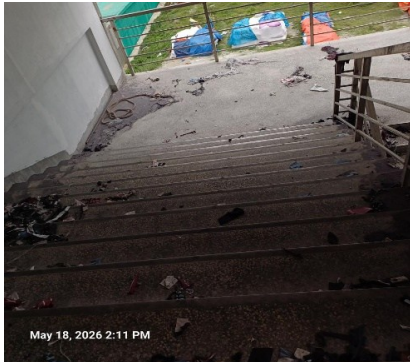
F-03	Means of Egress	Changes in level was found 24 in. where RSC Technical Guidelines (Standard)¹ V1.0 Section 6.9 or 6.10 doesn't meet. Location(s): Stair-2 (N-W), Building 5 (Part-B).	Changes in level exceeding 535 mm (21 in.) in elevation shall meet the requirements for stairs in 6.9 or ramps in 6.10. The change in level shall be readily apparent and if not, marked with additional signage or floor markings.	Within 3 Months
 				

F-04	Means of Egress	Exit stair(s) terminates the occupants inside the building which does not comply with section 6.17 of RSC Technical Guidelines (Standard)¹ V1.0. Location(s): Stair-1, Stair-3 and Stair-4 Ground floor, Building 5 (Part-B).	Exits shall discharge directly to the exterior of the building unless meeting the requirements of 6.17.2 or 6.17.3 as per RSC Technical Guidelines (Standard)¹ V1.0.	Within 3 Months
 May 18, 2026 5:19 PM		 May 18, 2026 5:24 PM		 May 18, 2026 5:04 PM

F-05	Means of Egress	Aisles were found missing on several locations throughout the building. Location(s): Building 5 (Part-B).	Provide minimum aisle widths of 36-in. Aisles mark shall be clearly visible.	Within 1 Month
 				

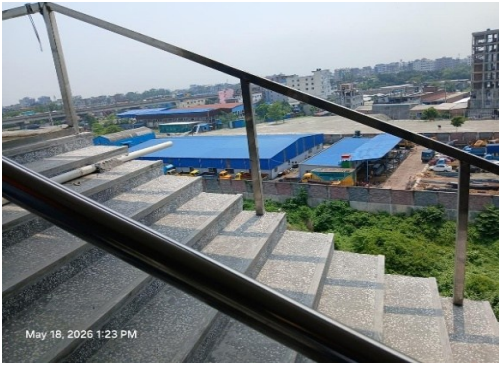
F-06	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): All floors, Building 5 (Part-B).	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide 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
 				

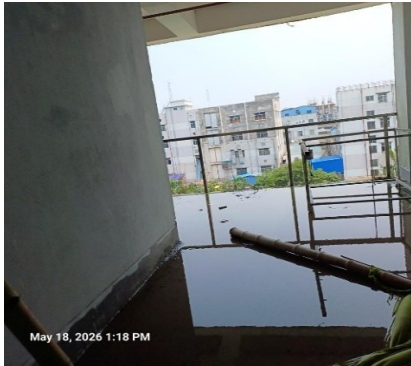
F-07	Means of Egress	Directional signs are not provided where direction of the path of travel to an exit has changed. Location(s): All floors, Building 5 (Part-B).	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.11.3.	Within 1 Month
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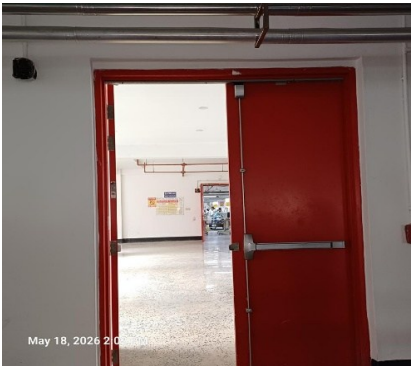
F-08	Means of Egress	Handrails are not provided on both sides of each exit stairs. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation. Location(s): Building 5 (Part-B).	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height 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-09	Means of Egress	Stair width is more than 87 inch but no intermediate handrails has been provided. Location(s): Stair-1 and Stair-2, Building 5 (Part B).	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-10	Means of Egress	Falling hazards are present at the staircase, occupiable roof, and several lift openings located within the floor areas, which are situated at a high altitude. Location(s): Building 5 (Part-B).	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/Handrail shall construct in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.12	Immediately
 May 18, 2026 1:40 PM		 May 18, 2026 12:53 PM	 May 18, 2026 12:53 PM	 May 18, 2026 5:22 PM

F-11	Means of Egress	The guards have gaps that are too large, allowing a sphere 200 mm (8 in.) in diameter to pass through. Location(s): Building 5 (Part-B).	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.).	Within 3 Months
				

F-12	Means of Egress	Walking surfaces are not uniformly slip-resistant. Location(s): Building 5 (Part-B).	Walking surfaces, including stairway treads shall be uniformly slip resistant in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.3.6.	Within 3 Months
				

F-13	Means of Egress	Exit sign not provided at exit. Location(s): Building 5 (Part-B).	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
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F-14	Means of Egress	Exit stairs serve more than 5 stories and do not have required re-entry provisions on all floors. Location(s): Building 5 (Part-B).	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-15	Means of Egress	Building does not have occupant load signs at required locations on all floors. Location(s): Building 5 (Part-B).	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-16	Means of Egress	Building does not have stair/floor level designation signs at required locations on all floors. Location(s): Building 5 (Part-B).	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
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F-17	Fire Rated Construction	Elevator shafts open directly into the production floor without proper fire separation due to unprotected opening. Location: Building 5 (Part-B) & lift on common corridor.	Elevator shaft shall be separated from production area by 2 hours fire rated construction. 2-hr fire barriers shall be protected with minimum 1.5-hr fire protective opening assemblies.	Within 3 Months
				

F-18	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location(s): 3rd floor, Building 5 (Part-B).	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-19	Fire Rated Construction	Storages were found underneath the cutting tables. Location(s): 5th floor, Building 5 (Part-B).	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 first photograph shows a long row of white cutting tables in a factory. Underneath the tables, there are several large white bags of material. The second photograph is a closer view of the storage area, showing the bags and the structure of the tables. The third photograph shows a different angle of the storage area, with more bags visible under the tables.				

F-20	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed. Location(s): Building 5 (Part-B). Non-compliance: Unsealed plastic pipe, BBT, Cable tray.	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 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
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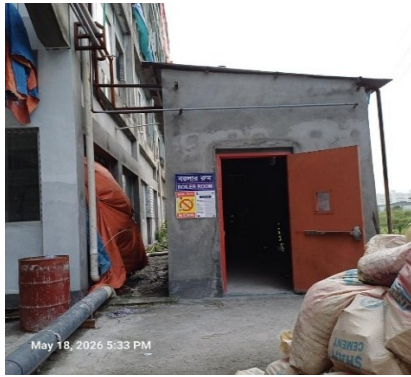
F-21	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas. Location(s): 5th, 2nd, 1st, Ground floor, Building 5 (Part-B).	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction in accordance with section 3.4.2.1.5 of RSC Technical Guideline (Standard).	Within 3 Months
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F-22	Fire Rated Construction	Dining area is not separated from other occupancies in accordance with the occupancy separation requirement of BNBC 2006 Part 3, Table 3.2.1. Location(s): 1st floor, Building 5 (Part-B).	Either relocate or rearrange mixed occupancies applicable for providing fire rated separation as per BNBC 2006 Part 3 Table 3.2.1. Provide required exits that lead directly to the street or exit stairwell or leading to a corridor or open space.	Within 3 Months
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F-23	Fire Rated Constructions	Boiler room is not properly separated by fire rated construction with other Occupancies/Areas. Location: Boiler Shed (B5) with Building 5 (Part-B).	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
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F-24	Fire Rated Constructions	It was observed that the 1st floor is not separated from the Ground floor by fire-rated construction. Location(s): Building 5 (Part-B).	Separate each floor by fire-rated construction as per BNBC-2006, Part-3, chapter-3 and Tables 3.3.1; 3.2.1. 3-hr fire-rated separation is required from 1st floor to the Ground floor, and other surroundings, as well as separation is needed at the required number of exit stairs.	Within 3 Months
				

F-25	Fire Rated Constructions	A connecting corridor (enclosed) has been constructed between Building-5 (Part-A and Part-B) (which is also functioning as a horizontal exit for one of the building. However, fire/smoke propagation between buildings are not restricted. Location(s): Common stairs (two no's) between Part-A and Part-B, Building-5.	Separate the buildings with a minimum 2-hour fire-rated construction on both sides of the connecting corridor. Opening protection extending up to 10 feet beyond the connecting corridor shall meet section 4.6 of RSC Technical Guidelines (Standard)¹ V1.0 .	Within 3 Months
				

F-26	Fire Rated Constructions	The required fire separation distance for Building-5 does not comply with the requirements of BNBC 2006. Location: North side of Building-5.	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 3 Months
				

F-27	Fire Alarm & Detection System (FADS)	The factory is installing a fire alarm and detection system that requires a detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard). It is to be noted that, Building-5 Part-B is connected with the MM Knit Wear (Extension Buildings) (RSC ID-24162) Part-A. The FADS design and documents under ID 26630 shall be prepared and submitted to RSC, covering the entirety of Building 5. Location: Building 5 (Entire).	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-28	Fire Suppression System (SUPS)	The highest occupied floor of the Building 5 is over 75 feet above grade, mandating a sprinkler system along with a class I standpipe. The factory is installing a sprinkler system with a class I standpipe, requiring a detailed review to ensure compliance with NFPA 13, 14, 20, 22, and 24 and RSC Technical Guidelines (Standard). It is to be noted that, Building-5 Part-B is connected with the MM Knit Wear (Extension Buildings) (RSC ID-24162) Part-A. The SUPS design and documents under ID 26630 shall be prepared and submitted to RSC, covering the entirety of Building 5. Location: Building 5 (Entire).	Submit the fire Suppression System (fire pump, 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 comment, 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 months and modification/ installation within 4 months
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F-29	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the automatic sprinkler system is not in accordance with NFPA 25. Location: Building 5.	Inspect, test and maintain the automatic sprinkler system and keep written records on- site, in accordance with NFPA 25 and RSC Technical Guidelines (Standard)	Within 1 Month after installation
F-30	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 25. Location: Building 5.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 and RSC Technical Guidelines (Standard)	Within 1 Month after installation
F-31	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 25. Location: Building 5.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 25 and RSC Technical Guidelines (Standard)	Within 1 Month after installation

Table-2: Yarn shed and Other Building/ sheds.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-32	Means of Egress	Sliding type doors have provided along means of egress [exits]. Location(s): Yarn sheds.	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-33	Mean of Egress	The maximum travel distance exceeds 38 m which does not meet the requirements of Section 6.13 of RSC Technical Guidelines (Standard). Location(s): Yarn shed. Occupancy/Process: Store. Available travel distance: 155 ft (47 m). Building determination: New.	Reconfigure the egress arrangement to meet 6.13 of RSC Technical Guidelines (Standard). Or, Provide additional exits so that the travel distance shall not exceed the maximum allowable limit.	Within 3 Months
 				

F-34	Mean of Egress	No guard rail provided on ground floor. Location(s): Security 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 1 Month
				

F-35	Means of Egress	Fire evacuation maps are not updated and provided as per site condition. Location: Yarn shed and other structure under this ID.	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-36	Means of Egress	Building does not have occupant load signs at required locations on all floors. Location: Yarn shed and other structure under this ID.	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 3 Months

F-37	Fire Rated Construction	The required fire separation distance does not comply with the requirements of BNBC 2020. Location(s): Yarn shed (East and South side).	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-38	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: Yarn shed and other structure under this ID.	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 comment, 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 within 4 months
				

F-39	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance for the fire alarm system are not in accordance with NFPA 72. Location: All structures under this ID.	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
F-40	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10. Location: All structures under this ID.	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-41	Inspection, Testing & Maintenance (Fire)	Inspection, testing, and maintenance for the exit sign and emergency lighting system were not in accordance with the RSC Technical Guidelines (Standard)¹ V1.0. Location: All structures under this ID.	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-42	Inspection, Testing & Maintenance (Fire)	The Building approval licenses from the appropriate authority are not available on-site/ not updated. Location: Yarn shed, Car Parking shed, Toilet Block, Canteen shed, Security Post (Gate-5), Boiler Shed (B5).	Get all the required licenses and permits from the proper issuing authority and keep it at site.	Within 1 Month
F-43	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