

INITIAL FIRE SAFETY INSPECTION REPORT

ANANTA GARMENTS LTD (EXTENSION)

RSC ID: 26653

Geographical Coordinates: 23.92699, 90.31031

Address: Nischintapur, Ashulia, DEPZ Road, Savar.

Other Factories: ANANTA GARMENTS LTD [RSC ID: 9558]



Inspected By: Mahfuza Khanom

Date: 06-May-2026

Fire Safety Inspection Report

ANANTA GARMENTS LTD (EXTENSION)

Introduction:

ANANTA GARMENTS LTD (EXTENSION); complex was surveyed for fire safety on **06-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

There are a total of 3 structures covered under this RSC ID-26653. The buildings are as below:

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Building-1: (Utility Building): G+3 Storied with occupied roof in one portion. Total Floor Area: 11,970 Sq. ft.	Apr-2024 to Jun-2025	Approved by RAJUK on 08-May-2024	Jun-2025	RCC	New Building
2	Building-2: (Pre-fabricated Store Shed-2): Single Storied. Total Floor Area: 22,229 Sq. ft.	Jan-2025 to May-2025	Approved by DIFE on 01-Jul-2025	May-2025	Steel	New Building
3	Building-3: (Security post): Single Storied. Total Floor Area: 130 Sq. ft.	Jun-2025 to Jul-2025	Approved by Earpur Union Parishad on 04-Jul-2022 Approved by DIFE on 01-Jul-2025	Jul-2025	RCC	New Building

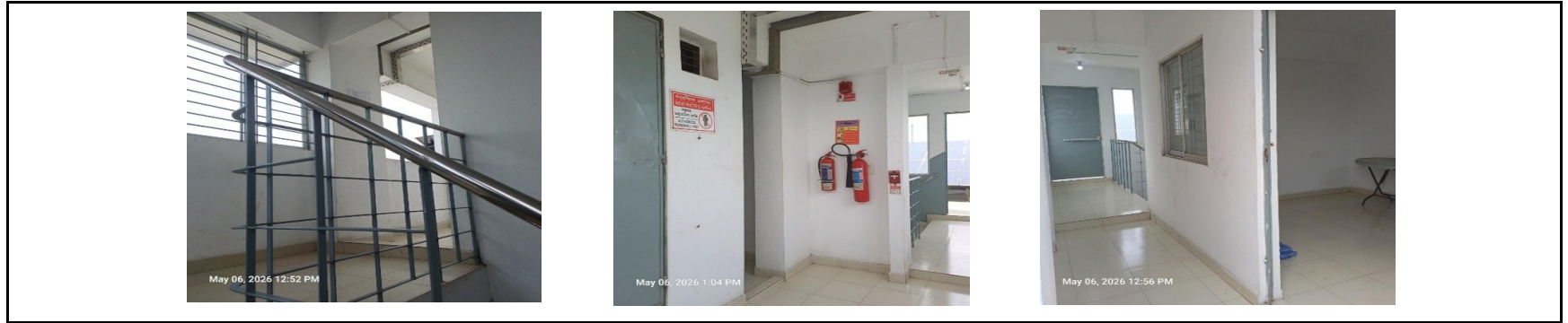
Factory Address: Nischintapur, Ashulia, DEPZ Road, Savar.

Findings & Recommendations :

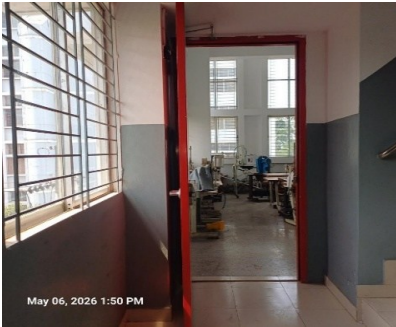
Table-1 & 2 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue. An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the RSC for review.

Table-1: Building-1: (Utility Building): G+3 Storied with occupied roof.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	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): Utility Building. Non-Compliance (not limited to): Unprotected opening found in exit stair enclosure.	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. 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-02	Means of Egress	Aisles mark were found missing in some locations throughout the building. Location(s): Utility Building.	Provide minimum aisle widths of 36-in. Aisles mark shall be clearly visible.	Within 1 Month
				

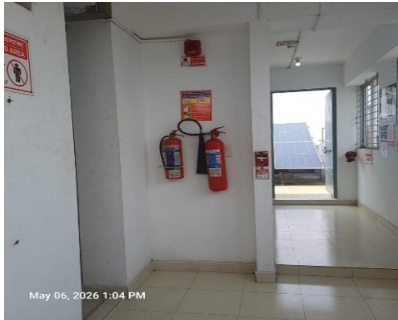
F-03	Means of Egress	Storage areas and similar normally unoccupied spaces discharges directly into the exit stair enclosure. Location(s): 2nd floor, Utility Building.	Openings from exit enclosure to Storage areas/ basements/ transformer rooms/ generator rooms/ boiler rooms and similar normally unoccupied spaces shall be provided with a vestibule with fire rated construction and openings in accordance with section 6.14.3 of RSC Technical Guidelines (Standard)¹ V1.0. Provide a min 1-hr fire rated door on the exit stair side and a 1.5 hr./1-hr fire rated door on the Store, generator, sub-station room side . Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure as per RSC Technical Guidelines (Standard)¹ V1.0. section 6.14.3. The minimum width for vestibules shall not be less than 1.1m and length 1.8m.	Within 3 Months
				

F-04	Means of Egress	Stair clear width was found less than 60 in. Location(s): West Stair (2)-58"; At Ground floor reduces to 35"; Utility Building.	Stairs shall have a minimum clear width of 60 in. in for all industrial occupancies as per RSC Technical Guideline (Standard) section 6.5.6.	Within 3 Months
				

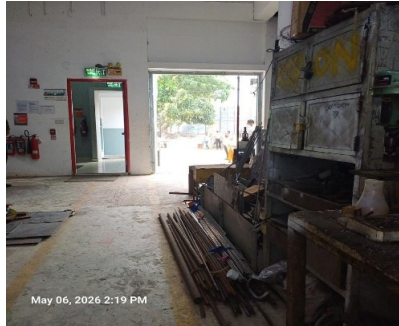
F-05	Means of Egress	Doors in the means of egress do not have the required minimum width. (Available Width: 35 in.) Location(s): All exit doors, Utility Building.	Doors in a means of egress shall have a minimum width of 1 m (39 in.). in accordance with section 6.5.6.1 of RSC Technical Guidelines (Standard)¹ V1.0.	Within 1 Month
 				

F-06	Means of Egress	Electrical panels and Toilet were located in the exit stair enclosure. Location(s): Ground floor, Utility Building.	Remove and re-locate all Electrical panels/water pump/food cabinet/shoe cabinet/Toilet from 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
 				

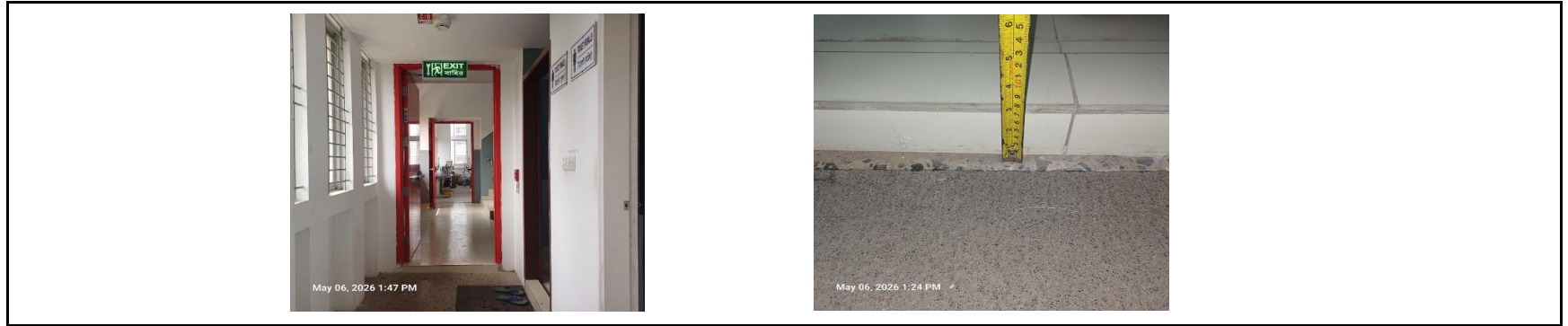
F-07	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): Several location of floors, Utility Building.	Test the emergency lighting system on each floor and provide additional emergency fixtures 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
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F-08	Means of Egress	Building does not have stair and floor level designation signs at required locations. Location(s): Roof Floor, Utility Building.	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-09	Means of Egress	New handrails has height more than 965 mm (38 in.) as measured from the leading edge of the tread. Location(s): Utility 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-10	Means of Egress	A single means of exit has been provided on new construction. Location(s): 1st floor and Workshop area on Ground floor, Utility building. Occupant Load: Ground floor (Workshop-7), 1st floor-8.	The number of means of egress from any floor, story or portion thereof shall not be less than 2 except where a single exit is permitted by RSC Technical Guideline (Standard), section 6.6.2. Provide additional exit and ensure that the exit doors or means of egress openings are located a distance apart as per RSC Technical Guideline (Standard) section of 6.6.6.	Within 3 Months
 				

F-11	Means of Egress	Uneven walking surface were found and exceed a slope of 1 in 20 in the direction of travel. Location(s): 1st floor, Elastic Wash portion, Utility Building. Non-compliance: For 18 inch rise, run found 52 inch.	Walking surfaces shall be mostly level; however, shall not exceed a slope of 1 in 20 in the direction of travel unless meeting the requirements for ramps in 6.10 shall meet the requirements for RSC Technical Guidelines (Standard)¹ V1.0 Section 6.3.4.2.	Within 3 Months
				
F-12	Means of Egress	Abrupt changes in the elevation of walking surfaces were observed, not meeting the RSC Technical Guidelines (Standard)¹ V1.0 Section 6.3.4. Location(s): All floor, Utility Building.	Abrupt changes in elevation of walking surfaces shall not exceed ¼ in. unless provided with a beveled slope of 1 in 2 that do not exceed ½ in. Changes greater than ½ in. shall meet the requirements for RSC Technical Guidelines (Standard)¹ V1.0 Section 6.3.5.	Within 3 Months



F-13	Means of Egress	Exit sign not provided at exit. Location(s): Sub-station Control room, Ground Floor, Utility Building.	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-14	Fire Rated Construction	Boiler is not properly separated by fire rated construction with other Occupancies/Areas. Location(s): Ground Floor, Utility Building. Non-Compliance (not limited to): Unsealed penetrations.	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-15	Fire Rated Construction	Transformer is not properly separated by fire rated construction with other Occupancies/Areas. Location(s): Ground Floor, Utility Building. Non-compliance reason: Unprotected opening within 10 ft with building interior.	Oil filled transformer shall be separated from other occupancies by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Switch gears and transformer bays shall be separately housed with a 2-hr rated wall in between. Seal all penetrations and openings (door, window etc.) should be protected by 1.5-hr 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. Oil filled transformers shall not be housed above ground level. Or, Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building. Transformer room separation shall meet section 3.4.2.1.4 of RSC Technical Guideline (Standard) .	Within 3 Months
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F-16	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed due to plumbing pipe, cable riser. Location(s): Utility Building.	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-17	Fire Rated Construction	The fire pump room is not provided with adequate fire separation. Location(s): Fire Pump Room and Canteen Building.	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	Elevator shafts open directly into the exit enclosure, which doesn't comply with RSC Technical Guidelines (Standard) , section 6.14.3. The factory has claimed the lift landing doors are fire rated; however 3rd party listing labelling are missing during inspection. Location(s): Ground floor, Utility Building.	Provide a minimum 2-hr fire rated elevator shaft to separate it from stair enclosure. No discharge is accepted through elevator shaft. Seal all openings to maintain fire separations.	Within 3 Months
				

F-19	Fire Rated Construction	Elevator shafts open directly into the production floor without proper fire separation due to unprotected opening. The factory has claimed the lift landing doors are fire rated; however 3rd party listing labelling are missing during inspection. Location(s): Utility Building.	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-20	Fire Rated Construction	The required fire separation distance for Building-1 does not comply with the requirements of BNBC 2020. Location(s): South, East, West side of Building 1 (Utility 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
  				

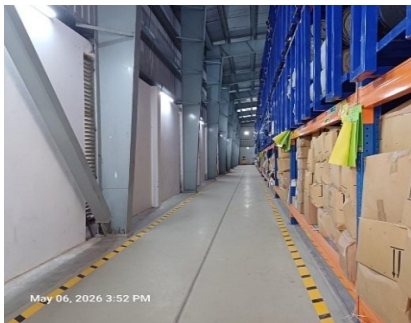
F-21	Fire Alarm & Detection System (FADS)	The factory has installed a fire alarm and detection system that requires a detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard). Few structures like Elastic and Embroidery shed, Elastic Shed, Security entry shed under monitoring through ID 9558 but fire alarm system connected with control panel which is under 26653. Additionally, 2 non-RSC structures (Prefabricated store shed-1, Carton store shed with different business license) connected with this control panel. So, the submission of initial design for ID 26653 shall be prepared to cover Elastic and Embroidery shed, Elastic Shed, Security entry shed and 2 non-RSC sheds. Location(s): Utility Building.	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
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F-22	Fire Suppression System (SUPS)	The factory has installed a standpipe & Hose system that requires a detailed review to confirm compliance with NFPA 14, 20, 22, 24 and RSC Technical Guidelines (Standard). Location(s): Utility 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-23	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-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

Table-2: Building-2 (Pre-fabricated Store Shed-2) and other Building.

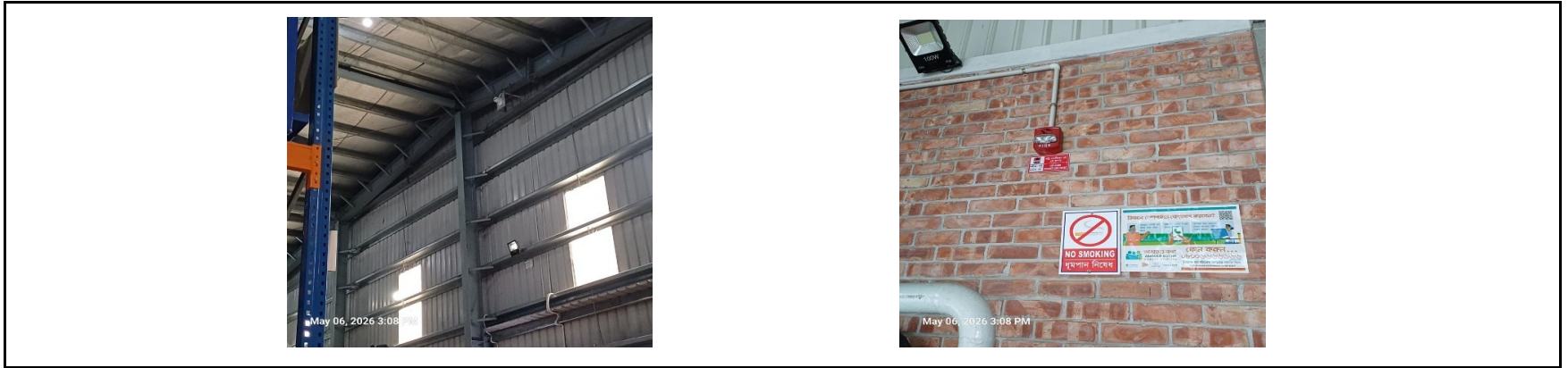
SI No.	Category	Findings	Required Action	Remediation Time Frame
F-25	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): Pre-fabricated Store Shed-2.	Test the emergency lighting system on each 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-26	Means of Egress	Handrails are not provided on both sides of each exit ramps. Location(s): Pre-fabricated Store Shed-2.	Ramps shall be provided with handrails on both sides of the ramp.	Within 3 Months
				
F-27	Means of Egress	Building does not have occupant load signs at required locations. Location(s): Pre-fabricated Store Shed-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-28	Fire Rated Construction	Liquefied or compressed gas cylinders were located within the factory without adequate fire separation and approval not found from authority. Location: Beside East side egress court of Pre-fabricated Store Shed-2.	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
				

F-29	Fire Rated Construction	The required fire separation distance for Building-2 does not comply with the requirements of BNBC 2020. Location(s): Pre-fabricated Store Shed-2.	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, BNBC 2020 Part 3 Section 2.4.1.3, and Table 3.3.1 (a) Part 3 Section 3.	Within 6 Months
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F-30	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). Few structures like Elastic and Embroidery shed, Elastic Shed, Security entry shed under monitoring through ID 9558 but fire alarm system connected with control panel which is under 26653. Additionally, 2 non-RSC structures (Prefabricated store shed-1, Carton store shed) connected with this control panel. So, the submission of initial design for ID 26653 shall be prepared to cover Elastic and Embroidery shed, Elastic Shed, Security entry shed and 2 non-RSC sheds. Location(s): Pre-fabricated Store Shed-2 and other Building 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 within 4 Months
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F-31	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance for the fire alarm system is not in accordance with NFPA 72. Location(s): All buildings 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.s.	Within 1 Month after installation
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F-32	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: All buildings 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
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