

INITIAL FIRE SAFETY INSPECTION REPORT

ESPRIT APPARELS LTD.

RSC ID: 26401

Geographical Coordinates: 23.916422909795564, 90.35763506974541

Address: 8/3,Raj Nagar Road, Sataish,Tongi, Gazipur, 1712 Bangladesh

Other Factories: None



Inspected By: Md. Anisuzzaman & Md Kawsar Rubaiat

Date: 20-October-2025

Fire Safety Inspection Report

ESPRIT APPARELS LTD.

Introduction:

ESPRIT APPARELS LTD. complex was surveyed for fire safety on **20-Oct-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 a total of 8 structures covered under this RSC ID-26401. Among these, one structure is for production, one admin building, and the others are ancillary. The buildings are as below:

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Building-1: Production Building: G+6 Storied Total Floor Area: 2,64,894 Sq. ft	Dec-2019 to Jan-2025	Approved on 29-June-2017, Tongi Poursava [Local Authority] except Building-3 & 8.	Oct-2024	RCC	Interim Building
2	Building-2: Admin Building: B+G+3 Storied (UG Reservoir) Total Floor Area: 22,505 Sq. ft	Dec-2019 to Oct-2024		Apr-2025	RCC	Interim Building
3	Building-3: Utility Shed B+G Storied with UG Fire Pump Room Total Floor Area: 5,677 Sq. ft	Dec-2022 to June-2024		Oct-2024	Steel	New Building
4	Building-4: Cycle Parking Shed: Single-Storied Total Floor Area: 4,179 Sq. ft	Dec-2023 to Feb-2025		Apr-2025	Steel	New Building

5	Building-5: Security Room Single-storied Total Floor Area: 889 Sq. ft	Dec-2023 to Aug-2024		Jan-2025	RCC	New Building
6	Building-6: Medical and Childcare Shed Single-storied Total Floor Area: 1,234 Sq. ft	Dec-2022 to Jul-2023		Jan-2025	Steel	New Building
7	Building-7: Wastage Shed Single-storied Total Floor Area: 623 Sq. ft	Dec-2024 to June-2025		Jul-2025	Steel	New Building
8	Building-8: Boiler Building Single storied Total Floor Area: 1,119 Sq. ft	Dec-2022 to Jun-2024		Oct-2024	RCC	New Building

Factory Address: 8/3,Raj Nagar Road, Sataish,Tongi, Gazipur, 1712 Bangladesh

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

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	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): Building-1 Non-compliance: Fire doors are not properly functional, penetrations, and openings (6th floor).	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. 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).	Within 3 Months



F-2	Means of Egress	Aisles were found missing in several locations throughout the building. Location(s): 4th floor, 5th floor, etc. (Building-1)	Provide minimum aisle widths of 36-in. Aisles mark shall be clearly visible.	Within 1 Month
				

F-3	Means of Egress	Fire evacuation maps is not posted at the entrance of all exit stair. Location(s): All floors (Building-1).	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-4	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: West side on ground floor(Building-1)	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-5	Means of Egress	Exit stairs serve more than 5 stories and do not have required reentry provisions on all floors.. Location(s): (Building-1).	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-6	Means of Egress	Directional signs are not provided where direction of the path of travel to an exit has changed. Location(s): GF, 3rd floor, etc. (Building-1).	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-7	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): GF, 3rd,4th floor, 6th. (Building-1).	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-8	Means of Egress	Exit sign not provided at exit on few locations. Location(s): Building-1	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 1 Month
				

F-9	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): 6th floor, Connecting Bridge (Building-1).	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-10	Means of Egress	Uneven path of travel was observed in the exit discharge path due to construction purposes. Location(s): North side (Building-1).	Remove unnecessary items and level exit path to the public way. Means of egress shall be maintained continuously free and clear of all obstructions	Within 3 Months
				

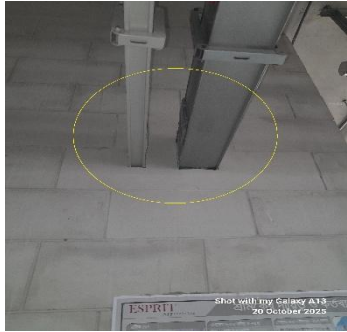
F-11	Means of Egress	Building does not have updated occupant load signs at the required locations. Location(s): All floors (Building-1).	Post the occupant load for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.4.4.	Within 1 Month
F-12	Fire rated construction	It was observed that Elevator shafts open directly into the production floor without proper fire separation due to unprotected opening. The factory has claim the lift landing doors are fire rated, however 3rd party listing certificate is missing during inspection. Location: 6th floor(Building-1)	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. If the lift landing doors are fire rated, Keep proper datasheet & certifications for lift landing door on-site for verification.	Within 3 Months
				

F-13	Fire rated construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location(s): 1st floor, 5th floor, etc. (Building-1).	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 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-14	Fire rated construction	Rooms used for storage are not separated from the surrounding fabric inspection area. Location(s): Raw Carton area, Dedicated store on the GF (Building-1).	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-15	Fire rated construction	It was observed that Elevator shafts open directly into the exit enclosure, which doesn't comply with RSC Technical Guidelines (Standard), section 6.14.3. The factory has claim the lift landing doors are fire rated, however 3rd party listing certificate is missing during inspection. Location(s): S-E, S-W Stair enclosures all floors except 6th floor (Building-1).	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. If the lift landing doors are fire rated, Keep proper datasheet & certifications for lift landing door on-site for verification.	Within 3 Months
				

F-16	Fire Rated Construction	Penetrations through wall assemblies are found unsealed. Location(s): BBT on all floors (Building-1). Non-compliance reason: 1. Unseal Penetrations, 2. Installed Fire door not properly functional.	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. Keep proper datasheet & certifications for installed fire doors & accessories on-site for verification	Within 3 Months
 				

F-17	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed due to plastic pipes in toilet and floor areas. Location(s): All floors (Building-1). Non-compliance reason: Unseal Penetrations through plastic plumbing pipe.	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-18	Fire Rated Construction	The dining area on the (with more than 300 occupants, E3) is not separated from the production (G2 occupancies) area by fire-rated construction. Location(s): 4th floor, (Building-1).	Limit the occupant load to 300 or below. Afterward, 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. Alternatively, relocate the dining from adjacent area of production occupancy and maintain fire separation for mixed occupancy (where applicable) as per Table 3.2.1 (BNBC 2006)	Within 3 Months
				

F-19	Fire Rated Construction	Unprotected openings in the exterior wall in two consecutive floors lying within 1.5 m and vertical spread of fire is not restricted. Location(s): All side, All floors (Building-1).	Provide flame barriers as similar as sunshades or cornices or projected wall at least 750 mm from the external face of the exterior wall. BNBC 2006 Part III chapter 3 clause 3.1.7.2.	Within 6 Months
 				

F-20	Fire Rated Construction	The required fire separation distance for the Building-1 (Production Building) does not comply with the requirements of BNBC 2006. Location(s): West Side (Building-1).	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 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). Location(s): All floors (Building-1).	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 Month and modification/ installation with 4 Months
				
F-22	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.s.	Within 1 Month after installation.

F-23	Fire Suppression System (SUPS)	The highest occupied floor of the main building is over 75 feet above grade, mandating a sprinkler system along with a class I standpipe. Sprinkler also installed in lieu of addressable smoke and/or heat detectors. The factory has installed a sprinkler system with a class III standpipe, requiring a detailed review to ensure compliance with NFPA 13, 14, 20, 22, and 24 and RSC Technical Guidelines (Standard). Location(s): All floors (Building-1).	Submit the fire Suppression System (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 comments, 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 Month and modification/ installation with 4 Months
				

F-24	Fire Suppression System (SUPS)	Fire pump installation requires detailed review to confirm compliance with NFPA 20 and RSC Technical Guidelines (Standard)¹ V1.0. Location(s): All floors (Building-1).	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval. 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 and 20. The factory management shall contact RSC to conduct the final acceptance testing after the installation, testing & commissioning.	Design within 2 Month and modification/ installation with 4 Months
				

F-25	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the standpipe system, sprinkler system & fire pump are not in accordance with NFPA 25.	Inspect, test, and maintain the standpipe system, sprinkler system & fire pump 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	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10. Location(s): Building-1.	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-27	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): Building-1.	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-28	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-29	Inspection, Testing & Maintenance (Fire)	The Building approval from appropriate authority are not available on-site for Building-3 & 8.	Get all the required licenses and permits from the proper issuing authority and keep it at site.	Within 1 Month

Table-2: Building-2 & all other structures

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-30	Means of Egress	The exit stair enclosures are not separated from work areas and other spaces on each floor by fire-rated construction due to unprotected opening/s and penetrations. Location(s): Building-2(Admin Building)	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. 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).	Within 3 Months



F-31	Means of Egress	Posted Fire evacuation maps is not updated as per on site at the entrance of all exit stair. Location(s): All floors (Building-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-32	Means of Egress	Directional signs are not provided where direction of the path of travel to an exit has changed. Location(s): (Building-2).	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-33	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): (Building-2) & all other 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-34	Means of Egress	Exit sign not provided at exit. Location(s): Ground floor (Building-2) & Building-7: Wastage Shed.	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 1 Month
				

F-35	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: East side exit stair (Building-2) Level of Discharge: Ground floor.	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
				

F-36	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): All exit stairs (Building-2).	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-37	Means of Egress	Uneven path of travel was observed in the exit discharge path due to construction purposes. Location(s): Bewteen Building-2 & Building-3(Utility Shed)	Remove unnecessary items and level exit path to the public way. Means of egress shall be maintained continuously free and clear of all obstructions	Within 3 Months
				
F-38	Means of Egress	Building does not have updated occupant load signs at the required locations. Location(s): All floors (Building-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-39	Fire rated construction	A connecting corridor (enclosed) has been constructed between two buildings which is not functioning as a horizontal exit. However, fire/smoke propagation between buildings are not restricted. Location: Building-1 & Building-2.	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-40	Fire rated construction	The fire pump room is not provided with adequate fire separation. Location: Building-3(Utility Shed) Non-compliance reason: Unprotected opening.	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-41	Fire Rated Construction	Penetrations through the shaft wall assemblies are found unsealed. Location(s): BBT on all floors (Building-2). Non-compliance reason: 1. Unseal Penetrations though horizontal electrical tray. 2. Installed Fire door not properly functional.	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-42	Fire Rated Construction	It was observed that Shed-7 (Wastage Shed) height is less than 8M .East side is 22 feet away from Buildinh-6 & south side is 8 feet away from boundary wall, north side is 5 feet 3inch feet away from Building-5 & west side adjacent boundary wall. This shed has determined as a Type-I-E construction as per table 3.3.1(a) BNBC-2020. However fire resistance rating for exterior wall does not meet require fire rating in this shed. Building-7: Wastage Shed.	Ensure that fire separation/fire resistance rating for exterior wall as per Table 3.2.2, Table 3.2.3 & Table 3.3.1(a) BNBC-2020.	Within 3 Months
				

F-43	Fire Rated Construction	Unprotected openings in the exterior wall in two consecutive floors lying within 1.5 m and vertical spread of fire is not restricted. Location(s): All side of the All floors (Building-2).	Provide flame barriers as similar as sunshades or cornices or projected wall at least 750 mm from the external face of the exterior wall. BNBC 2006 Part III chapter 3 clause 3.1.7.2.	Within 6 Months
 				

F-44	Fire Rated Construction	The required fire separation distance for the Building-2 (Admin building) does not comply with the requirements of BNBC 2006. Location(s): West ,east & north Side (Building-2).	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 6 Months
 				

F-45	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): Building-2 & all other structure	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 Month and modification/ installation with 4 Months
		 20/10/2025 12:46 pm	 20/10/2025 2:02 pm	
F-46	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.s.	Within 1 Month after installation.

F-47	Fire Suppression System (SUPS)	Sprinkler system is not mandatory for the building based on present height and type of construction but the system installed for the building along with standpipe system in lieu of automatic detection system. Both the system requires detailed review to confirm compliance with NFPA 13, 14, 20, 22, 24 and RSC Technical Guidelines (Standard). Location: Building-2.	Submit the fire Suppression System (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 comments, 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 Month and modification/ installation with 4 Months
				

F-48	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10. Location(s): Building-2 & all other structures	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-49	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): Building-2 & all other structures	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-50	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