

INITIAL FIRE SAFETY INSPECTION REPORT

Panmark Apparels (Pvt) Ltd.

RSC ID: 26544

GPS Coordinates: 22.388969, 91.872507

ADDRESS: 34/B, CDA Heavy I/A, Kalurghat, Chattogram.

Other Factories: No



Inspected By: Md. Golam Kibria

Date: 18-December-2025

Fire Safety Inspection Report

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Panmark Apparels (Pvt) Ltd. complex was surveyed for fire safety on **18-Dec-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.

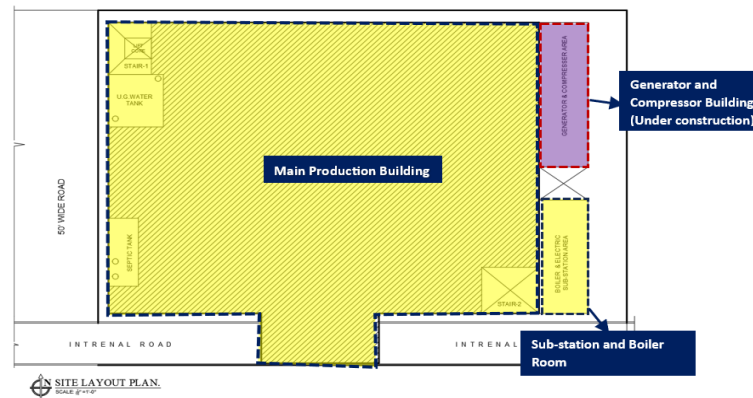
Limitations

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.

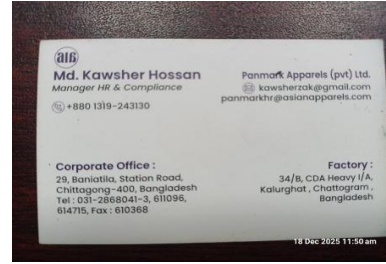
General Factory Information

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type & Floor area	Construction Category
1	Main Production Building	Jan-2006 to Dec-2008	31-Dec-2007 from CDA 18-Nov-2025 from DIFE	Jan-2009	Six Storied, RCC and Steel (Roof top canteen shed), Per floor area-16,017 sft Top floor area-5,823 sft. Total Area: 85,908 sft.	Existing
2	Sub-station and Boiler Room	Jan-2006 to Dec-2008	31-Dec-2007 from CDA 18-Nov-2025 from DIFE	Jan-2009	Single Storied, RCC Total Area: 538 sft.	Existing
3	Generator and Compressor Building	This structure is found under construction during the inspection. After completion of the construction work, this structure will be covered under this ID during follow up inspection.				



Master layout plan of the factory premises

Points of contact:

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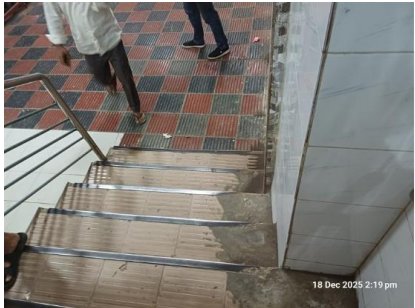
Findings & Recommendations :

Table 1 summarize the fire safety non-compliant issues identified during the inspection in Main Production Building and Sub-station & Boiler Room. 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	The installed fire doors in exit stairs are not effectively latching and door co-ordinator are not properly functional. Location: Exit Stair-1, and 2 in Main Production Building.	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): Electrical cable passing through the exit stair enclosure-2 on 2nd and 3rd Floors in Main Production Building.	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
 				

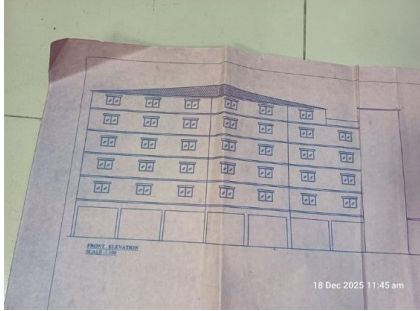
F-03	Means of Egress	Handrails are not provided on both sides of each exit stairs on all floors. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation. Location: Exit Stair-1 at Ground Floor in Main Production Building.	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.). Open guards shall have intermediate rails or pattern such that a sphere 200 mm (8 in.) in diameter cannot pass through any opening up to a height of 865 mm (34 in.). Handrail shall construct in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.12.	Within 3 Months
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F-04	Means of Egress	Storage areas and fire pump room discharges directly into the exit stair enclosures. Location: Ground Floor, Store Discharges into Both the Exit Stair Enclosures, and Pump Room Discharges into Exit Stair Enclosure-1 in Main Production 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. 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-05	Means of Egress	Building does not have occupant load signs at required locations at several floors. Location: Main Production Building.	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-06	Means of Egress	Building does not have stair/floor level designation signs at required locations at several floors. Location: Main Production 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-07	Means of Egress	Fire evacuation maps are not provided at top floor. Location: Main Production Building, Stair-2.	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-08	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: Exit Stair-1. Level of Discharge: Ground Floor, Main Production Building, Exit discharge not separated due domestic pump and penetrations from toilet area.	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-09	Means of Egress	Headroom measured less than the 80 inch. Location: Main Production Building, 2nd and 3rd Floors. Available Headroom: 68 inches.	All means of egress shall have a minimum ceiling height of 2.3 m (7 ft 6 in.) with projections from the ceiling not less than 2.03 m (6 ft 8 in.). The minimum ceiling height shall be maintained for at least 2/3 of the space or room as long as the remaining area shall be not less than 2.03 m (6 ft 8 in.). Headroom on stairs shall not be less than 2.03 m (6 ft 8 in.) as per RSC Technical Guideline (Standard) section of 6.3.3.	Within 3 Months
 				
F-10	Means of Egress	Width of aisles is less than 0.9m (36-in.). Location: Main Production Building 2nd, 3rd, and 4th Floors.	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.) in accordance with section 6.5.1 of RSC Technical Guidelines (Standard)¹ V1.0.	Within 1 Month
 				

F-11	Means of Egress	Exit stairs serve more than 5 stories and do not have required re-entry 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 1 Month
 				

F-12	Means of Egress	Egress door serving 50 or more occupants but does not swing in the direction of egress travel. Location: Exit-2 at 5th 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-13	Fire Rated Construction	The installed fire doors to separate the lift machine room from dining area is found damaged and rusted during the inspection. Location: 5th Floor in Main Production 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-14	Fire Rated Construction	Storages were found underneath the cutting tables on 1st floor. Location: 1st Floor in Main Production Building.	Storage underneath the cutting tables shall be kept clear of combustibles at all time, except as provided for miscellaneous storage in accordance with 3.4.2.1.6 or , Where an automatic sprinkler system is installed sprinklers are required to be installed beneath cutting tables greater than 4 ft in width that are used for storage of combustibles.	Within 3 Months
				

F-15	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: 1st Floor in Main Production Building. Non-compliance reason: Storage area more than 250 sqft.	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-16	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed. Location: All floors of Main Production Building. Non-compliance reason(s): PVC Plumbing Pipes in Toilet Area.	Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation at least by 3-hr. The used sealer shall be 3rd party certified and installation shall be as per manufacturer's datasheet. Or Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.	Within 3 Months

 				
F-17	Fire Rated Construction	The fire pump room is not provided with adequate fire separation. Location: Ground Floor in Main Production Building. Non-compliance reason: Unsealed penetrations from Child care room and storage.	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	Medical room (D1) was not separated from the production area (G2) due to unsealed penetration through toilet area. Location: 1st Floor in Main Production Building.	Separated the medical room (D1) from the production area (G2) with by minimum 3 hour fire rated separation as per table 3.2.1 of BNBC-2006.	Within 3 Months



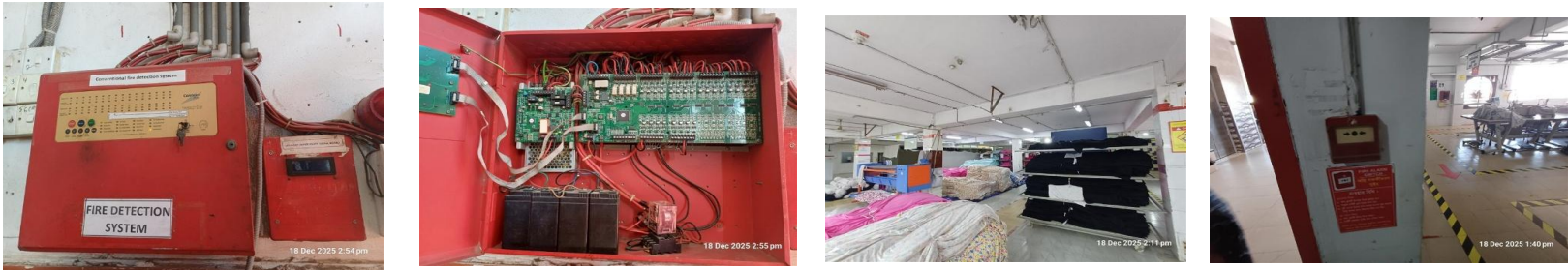
F-19	Fire Rated Construction	A non-rated steel chute has been found connecting with 2nd, 3rd and 4th floor in production building on the east-side exterior wall which is not fire separated from the interior operational areas and potential pathway for fire and smoke spread. Location: East-side Exterior wall in Main Production Building.	Separate the non-rated steel chute with a minimum 2-hour fire rated construction and required opening protective. Opening protection extending up to 10 feet beyond the connecting chute shall meet section 4.6 of RSC Technical Guidelines (Standard)¹ V1.0 .	Within 3 Months
 				

F-20	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: Main Production 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.	Within 3 Months
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F-21	Means of Egress	Exit signage/directional signage were not illuminated with proper illumination as per guideline. Location: Main Production Building.	Regularly inspect all exit signage/directional signage as per RSC Technical Guidelines (Standard)¹ V1.0. and replace/install lights as needed to illuminate signs.	Within 1 Month
 				

F-22	Means of Egress	Directional signs are not provided where direction of the path of travel to an exit has changed. Location: 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-23	Fire Alarm & Detection System (FADS)	The fire alarm and detection system has been installed, which requires a detailed review to confirm the compliance with NFPA 72 and RSC Technical Guidelines (Standard). Location: All Buildings.	Submit the as built fire alarm and detection system drawing and documents to RSC for review. Once the design is reviewed, install/modify the fire alarm and detection system throughout the building in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72. After installation/modification 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-24	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance for the fire detection and alarm system was not in accordance with standard.	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-25	Fire Suppression System (SUPS)	The highest occupied floor (5th) of Main Production Building from the grade level is 54 feet 3 inches, mandating standpipe and hose system. 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 and hose 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-26	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-27	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-28	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10.	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-29	Inspection, Testing & Maintenance (Fire)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC standard.	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-30	Inspection, Testing & Maintenance (Fire)	The required no smoking signs are not present in the factory.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs. Smoking sign shall post in accordance with section 13.5 of RSC Technical Guideline (Standard).	Within 1 Month