

INITIAL FIRE SAFETY INSPECTION REPORT

Fin-Bangla Apparels Ltd. (Extension)

RSC ID: 25555

Geographical Coordinates: 23.96440, 90.38443

Address: 72, Degerchala Road, Chaydana, National University, Gazipur.

Other Factories: Fin- Bangla Apparels Ltd. (ID: 12893)



Inspected By: Al-Shahriar Shovon

Date: 10-March-2025

Fire Safety Inspection Report

Fin-Bangla Apparels Ltd. (Extension)

Introduction:

RSC ID : 25555

Fin-Bangla Apparels Ltd. (Extension) complex was surveyed for fire safety on **10-Mar-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 is 1 structure covered under this RSC ID-25555. The building details are as below:

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Single Storied Central Store Shed	Dec-2023 to Dec-2024	Approved on 21-Oct-2024 (GUK) Note: 24-Nov-2024 (DIFE)	Jan-2025	Pre-Fabricated Steel For Store Portion & RCC For Office Portion	New

Factory Address: 72, Degerchala Road, Chaydana, National University, Gazipur.

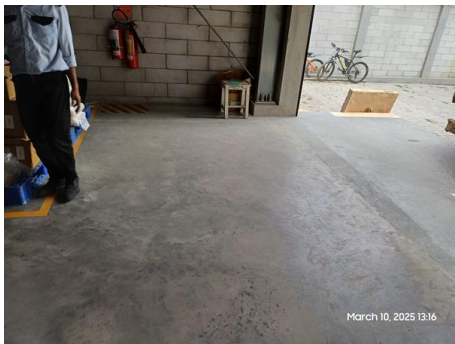
Findings & Recommendations :

Table-1 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: Single Storied Central Store Shed.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Means of Egress	The clear exit door width is measured only 33 inch where the requirement is minimum 39 inch (1 Meter). Location: All three exit doors of storage and office section on the ground floor.	Doors in a means of egress shall have a minimum width of 1 m (39 in.) as per RSC Technical Guideline (Standard) section of 6.5.6.	Within 3 months
 				

F-02	Means of Egress	Landing is not provided on the both side of doors used in the means of egress. Location: Exit door-3 at office section.	A landing shall be provided on both sides of doors used in the means of egress. Door shall not swing out over stairs. RSC Technical Guidelines (Standard) V1.0, Section: 6.8.5.	Within 3 months
				
F-03	Means of Egress	The means of egress includes a ramp; however, its slope does not comply with the applicable standards. Additionally, handrails are not provided on both sides of the ramp. Location: Both exit discharge points of the storage section on the ground floor.	Ramps used in a means of egress shall not reduce the overall means of egress width. The minimum width shall be 1.1 m (44 in.). New ramps shall not have a running slope greater than 1 in 12 (8 percent). Ramps shall be provided with handrails on both sides of the ramp. RSC Technical Guidelines (Standard) V1.0, Section: 6.10	Within 3 months

				
F-04	Means of Egress	Aisles are not properly marked on the floor. Location: Storage and office section on the ground floor.	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) V1.0. All the aisles shall be free from any kind obstruction.	Within 1 month
				

F-05	Means of Egress	Parapets or guards provided on the occupiable roof do not meet the minimum required height of 1067mm (42 inches), as the measured height was found to be 36 inches. Location: Occupiable roof at the RCC office section.	Provide parapets or guards with a minimum height of 1067mm (42 inch.) in accordance with RSC Technical Guidelines (Standard) ¹ V1.0 Section 6.12.	Within 3 months
ADD PHOTO 				
F-06	Means of Egress	The directional signs are not provided where there is a change in direction and where the continuation of the egress path is not obvious.	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-07	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: Ground floor.	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 1 month
				
F-08	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).	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The RSC Technical Guidelines (Standard) and keep written records on-site.	Within 1 month

F-09	Fire Alarm & Detection System (FADS)	Automatic fire alarm & detection system installation requires detailed review to confirm compliance with NFPA-72 and RSC Technical Guidelines (Standard).	Submit the fire alarm system design to RSC for review. Once the design is reviewed, install and modify the fire detection and alarm system throughout the buildings in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72. After installation the factory shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing. Also inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72.	Design Review within 2 months and installation/modification within 4 months.
 				
F-10	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance for the fire alarm system is not in accordance with NFPA 72 and The RSC Technical Guidelines (Standard).	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with NFPA 72 and The RSC Technical Guidelines (Standard) and keep written records on-site.	Within 1 month (after installation)
F-11	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 onsite, in accordance with NFPA 10 and RSC Technical Guidelines (Standard).	Within 1 month