

INITIAL FIRE SAFETY INSPECTION REPORT

SOUTHERN CLOTHINGS LIMITED (EXTENSION-2)

RSC ID: 25992

**ADDRESS: Bottola, Zirabo, Ashulia, Dhaka.
23.907424, 90.321617**

Other Factories: Southern Clothings Limited (ID-10068) and Southern Clothings Limited (Extention) (ID-24590)



Inspected By: Md. Musa

Date: 09 February 2025

Fire Safety Inspection Report

Factory Name: Southern Clothings Limited (Extention-2)

Introduction:

Southern Clothings Limited (Extention-2) complex was surveyed for fire safety on **09 February 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

Factory Building name(s):

- 1. Building 2 (Wash Building)**
- 2. Building 7 (Dining shed)**
- 3. Car parking shed**

Factory Address: Bottola, Zirabo, Ashulia, Dhaka.

Findings & Recommendations :

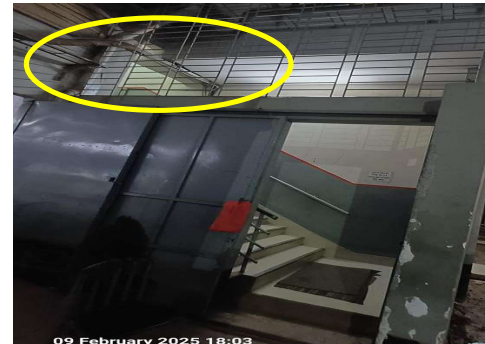
Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue.

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 approval.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
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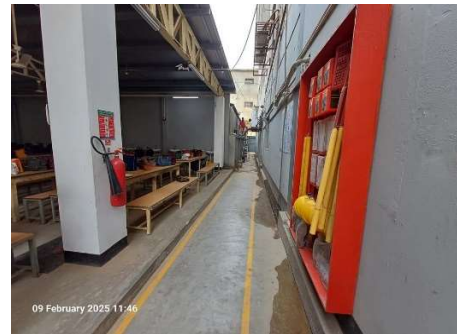
1	Means of Egress	Exit stairs are not separated from work areas & other spaces on each floor by fire-rated construction due to unprotected openings, penetrations. Electrical cable raceway is located on stair enclosure. Location: Building 2 (Wash Building).	Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr. fire-rated construction. Provide a minimum 1.5- hr. fire-rated doors and seal all unprotected openings and penetrations to maintain the fire separation. Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system. Penetrations into and through an exit enclosure shall be prohibited with the exception of required exit doors, sprinkler piping, standpipes, electrical raceway for fire alarm equipment, and electrical conduit serving the exit enclosure.	Within 3 months
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2	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Locations: 1st floor of Building 2.	Separate the dedicated storage rooms by minimum 1-hr fire-rated construction. Provide 1-hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) , maximum area of 23m2 (250 ft2) and 3m (10ft.) clear distance from adjacent another unenclosed combustible storage. - In-process storage shall not exceeds 10 percent of floor or compartment area.	Within 3 months
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3	Fire Rated Construction	The required fire separation distance for Building-02 (Wash Building) does not comply with the requirements of BNBC 2006.	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
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4	Fire Rated Construction	The required fire separation distance for Building-07 (Dining Shed) does not comply with the requirements of BNBC 2020.	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
  				
5	Fire Rated Construction	The ETP area is not separated by fire rated construction (openings, non-rated doors, penetrations) from surrounding occupancies. Location: Ground floor of Building 2.	Separate the ETP area by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 3 months



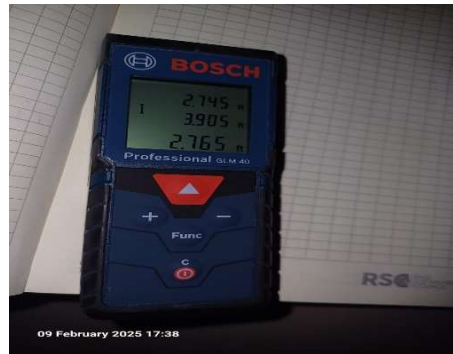
6	Fire Rated Construction	Elevator shafts are directly open into the inside of production floor. Location: Building 2 (Wash Building).	Elevator shaft shall be separated from production area by 2 hours fire rated construction. 2-hr fire barriers shall be protected with minimum 1.5-hr fire protective opening assemblies.	Within 3 months
				
7	Fire Rated Construction	The boiler room is not separated by fire rated construction (openings, non-rated doors, penetrations). Location: Ground floor of Building 2.	Separate the boiler room by a minimum 1-hr fire rated construction (for low rise building). Seal and/or protected all openings to maintain fire separations.	Within 3 months



8	Means of Egress	The exit discharge path [serving exit] is less than 10 ft wide and is not separated from the building interior. Location: Building 2, Ground floor.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft., to provide a minimum 1-hr fire separation.	Within 3 months
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9	Fire Rated Construction	Fire pump room is not provided with required fire separation located besides exterior exit stair. Location: Building 2.	Provide fire pump room with 2 hr rated fire separation when not sprinklered and 1 hr rated fire separation when provided with automatic sprinklers in accordance with NFPA 20. Or, Physically separate the pump room from the protected building by a minimum of 50 ft (15.3 m) in accordance with NFPA 20.	Within 3 months
				
10	Means of Egress	The width of egress aisles is less than 36-inch. Location: Ground floor & 1st floor of Building 2.	Provide minimum aisle widths of 36-inch. All the aisles shall be free from any kind of obstruction.	Within 3 months



11	Means of Egress	Sliding doors are provided at exit discharge. Location: Discharge exit of 1st floor of Building 2.	Replace all collapsible gates/ sliding doors/ rolling shutter doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize specialized door locking features complying with NFPA101.	Within 1 month
				

12	Means of Egress	Doors along means of egress are provided with non compliant locking system. Location: Discharge exit of Stair 1 & 2, Main gate of Ground floor of Building 2.	Remove locking features from all egress gates. If locks are required for security reasons, utilize special door locking features complying with RSC standard 6.8.2 and NFPA 101.	Immediate
  				
13	Means of egress	Uneven path of travel in exit access. Location: Building-2 (North side exit discharge at ground level).	Level exit path to the public way.	Within 1 month



14	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.	Within 1 month
15	Fire Alarm & Detection System (FADS)	The fire alarm and detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standard. Location(s): All building/shed covered in this ID.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval/acceptance test.	Within 2 months



16	Fire Alarm & Detection System (ITM of FADS)	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 NFPA 72.	Within 1 month (After installation)
17	Fire Suppression System ((ITM of Extinguisher)	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 The RSC Technical Guidelines (Standard).	Within 1 month
18	Egress Lighting	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with RSC standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with RSC standard. Keep written records on-site.	Within 1 month