

INITIAL FIRE SAFETY INSPECTION REPORT

SOUTHERN CLOTHINGS LIMITED (Extension)

RSC ID: 24590

ADDRESS: Bottola, Zirabo, Ashulia, Dhaka



Inspected By: Ahammad Kabir & Shahina Imam

Date: 12-June-2023

Fire Safety Inspection Report

SOUTHERN CLOTHINGS LIMITED (Extension)

Introduction:

SOUTHERN CLOTHINGS LIMITED (Extension) complex was surveyed for fire safety on **12/06/2023** 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 3**
- 2. Building 4**
- 3. Building 5**
- 4. Utility Building**

Factory Address: Bottola, Zirabo, Ashulia, Dhaka

Points of contact:

1. Name: Mahmudul Hasan

Designation: Responsible, Compliance

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2. Name: Pradip Kanti Saha

Designation: COO

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Mahmudul Hasan
Asst Manager
Admin and Compliance
Cell: 01685-746267

12 06 2023

 **Pradip Kanti Saha**
Chief Operating Officer (COO)

SOUTHERN APPAREL HOLDINGS

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12 06 2023

Findings & Recommendations :

Table 1- summarizes the fire safety non-compliant issues identified during the inspection. 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 approval

Table-1: Findings & Recommendations

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The exit stairs are not separated from [work areas, other spaces] on each floor by fire rated construction due to unprotected opening. Location: Building 03 and building 04	The exit stair enclosure shall be provided with a minimum 1-hr fire resistance rating with 1- hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated materials for buildings with 3(three) or fewer stories and a minimum of 2- hr. fire resistance rating exit stair enclosure for buildings 4(four) or more stories. 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.	Within 3 months



F-2	Fire Rated Construction	Elevator shaft is directly open on the floor without proper fire separation. Location: 2 Storied building 04.	Ensure minimum 2-hr listed/3rd part certified fire rated lift landing doors for elevator shafts otherwise close the area of the shaft with a 2-hr fire-rated construction barrier	Within 3months
				
F-3	Fire Rated Construction.	Room used for combustible storage is not separated by fire rated construction. Location: Building 03, building 04 and building 05.	Separate the storage room by a minimum 1- hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months



F-4	Fire Rated Construction	The main production building is steel construction which appears to be nonrated and were found in exposed condition. Location: Building 03, Building 04, Building 05.	The building is a new steel structure which shall be type-I or II construction. So, provide require fire rating in the structural elements of the building. Consult with a qualified fire protection engineer. Follow BNBC 2006- Table 3.2.4, 3.1.9 and 3.3.1 as reference.	Within 6 months
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F-5	Fire Rated Construction	Generator room is not separated from other areas on the ground floor . Location: Two storied utility building.	Generator room shall be separated from first floor maintenance room/office area by 2hr fire rated construction. Seal all penetrations and openings	Within 3months
 				
F-6	Means of Egress	Guards are provided in means of egress from office portion side which is less than 1067mm (42 inch). Location: Building 03.	Provide guards with a minimum height of 1067 mm (42 inch.).	Within 1 month
 				

F-7	Means of Egress	Electrical panel boards (DB) are located on the inside of Exit stair. Location: South side of 4 storied office building.	Remove electrical panel boards from exit stairs.	Within 1month
				
F-8	Means of Egress	Building did not have stair designation signs & exit designation signs at required locations. Location: Building 03 & Building 04.	Provide stair designation sign & exit 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.	Within 1month
F-9	Means of Egress	Width of aisled is less than 0.9m (36-in.) or not marked properly on the ground floor at Jacquard section.	Aisles shall be provided with a minimum unobstructed clear- with of 0.9m (36 in).	Within 2 months



F-10	Means of Egress	Building did not have occupant load signs at required locations. Location: Building 03 & Building 04.	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.	Within 1 month
F-11	ITM of Lighting	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 standard. Keep written records on-site.	Within 3 months

F-12	Fire Alarm & Detection System (FADS)	Addressable fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standard.	Submit design, documents and calculations to RSC for review and based on the review modify the system if there is any. After installation the owner shall contact the RSC for witness of conducting the final acceptance testing of the fire detection & alarm system installation. Also inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Design Review within 1 month and modification within 3 months (If require).
 				
F-13	Fire alarm & Detection System (ITM of FADS)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per RSC standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 (Table-14.3.1) or as per RSC standard.	Within 1 Month after installation.

F-14	Fire Protection System(ITM of Extinguisher)	Inspection, testing, and maintenance of the extinguisher system is not in accordance with NFPA 10 or as per RSC standard.	Inspect, test and maintain the extinguisher system, and keep written records on-site, in accordance with NFPA 10 or as per RSC standard.	Within 1 Month
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