

INITIAL FIRE SAFETY INSPECTION REPORT

Southern Services Ltd (Extension 2)

RSC ID: 25895

Zirabo, Ashulia, Savar, Dhaka, Bangladesh.

Geographical Coordinate: 23.90947444834714, 90.31833076626155

Other Factories: Southern Services Ltd (ID: 11459) & Southern Services Ltd (Extension) (ID: 24565)



Inspected By: Yusuf Ahmed

Date: 11-Nov-2024

Fire Safety Inspection Report

Southern Services Ltd (Extension 2)

Introduction:

Southern Services Ltd (Extension 2) complex was surveyed for fire safety on **11 November 2024** 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 : Single storied steel shed.

Factory Address: Zirabo, Ashulia, Savar, Dhaka, Bangladesh.

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:

Sl No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Room used for combustible storage are not separated by fire rated construction. Location: South side inside the floor.	Separate the storage room by a minimum 1- hr fire-rated construction. Seal and/or protected all unprotected openings to maintain the required fire separations.	Within 3 months
 				

2	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	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 2 months
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3	Means of Egress	The clear-width of egress aisles were found to be less than 0.9 m (36 in.).	Provide egress aisles with a minimum unobstructed clear-width of 0.9 m (36 in.).	Within 2 months
 				

4	Egress Lighting ITM	Inspection, testing, and maintenance for the emergency lighting system were not in accordance with The RSC Technical Guidelines (Standard).	Inspect, test and maintain the emergency lighting system in the accordance with The RSC Technical Guidelines (Standard) and keep written records on-site.	Within 1 month
5	Means of Egress	The egress court serving as a portion of the exit discharge path is less than 10 ft wide and is not separated from the building interior. Also some portion of the egress court is neither open to sky and nor provided with a fire resistance rated enclosure. Location: Both east and west egress court of Building-2. The east egress court also serves the two-storied main building.	An egress court serving as a portion of the exit discharge shall be open to the sky or provided with a fire resistance rated enclosure the same as the exit enclosure. Egress courts less than 3050 mm (10 ft) in width (as measured from the building and the adjacent property line) shall be provided with walls having a 1-hr fire resistance rated construction for a distance of 3050 mm (10 ft) above the floor of the court. Alternatively, provide a second remote discharge path to the public way	Within 3 months



6	Fire Alarm & Detection System (FADS)	The shed was previously under the old ID (11459), where the system was approved by the RSC through the T&C process. Since the shed has been reconstructed and the system reinstalled, a verification process is required before approval under the new ID.	Update the design documents and ensure the system is fully functional. The system will be verified by the RSC during the next regular follow-up inspection.	Within 1 month
 				

7	ITM of Fire Alarm & Detection System (FADS)	Inspection, testing and maintenance for the fire detection and alarm system was not in accordance with the NFPA 72 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
8	Means of egress	Electrical panel (DB board) was observed inside exit enclosure.	Remove/relocate the electrical panel from the exit enclosure.	Within 2 months

