

INITIAL FIRE SAFETY INSPECTION REPORT

Executive Greentex Limited (Extension)

RSC ID: 25509

ADDRESS: Mulaid Telihati Gilarchala, Sreepur, Gazipur

Geographical Coordinates: 24°14'15.4"N 90°23'58.9"E

Other Factories: Executive Greentex Limited (RSC ID: 24126)



Inspected By: A N Faisal Ahmed

Date: 20 February, 2024

Fire Safety Inspection Report

Factory Name: Executive Greentex Limited (Extension)

Introduction:

Executive Greentex Limited (Extension) complex was surveyed for fire safety on **20 February, 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 the 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): Chemical Shed (Area: 933 sq m) ; (Steel)

Construction period: July'22 - April'23 ; New Construction

Building Height: 27 ft

Factory Address: Mulaid Telihati Gilarchala, Sreepur, 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 approval.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Alarm & Detection System (FADS)	Fire alarm and detection system has been installed which 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, modify (if required) the fire detection and alarm system throughout the building in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72. After installation/modification of the system as per RSC review comments, the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing.	Design Review within 2 months and installation within 4 months.

F-2	Fire Alarm & Detection System (FADS)	Inspection, testing, and maintenance for the fire detection system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 1 Month after installation.
F-3	Means of Egress	Non-compliant doors (sliding gate) are provided at building exits.	Replace all gates and doors along the means of egress with side-hinged, swinging egress doors in accordance with RSC Technical Guidelines.	Within 1 Month



F-4	Emergency Lighting	No emergency light has been provided except fog light on exit. Adequate illumination levels are not anticipated along egress routes .	Test the emergency lighting system on each floor and provide additional emergency fixtures to supply adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and along exit discharge paths and a minimum 2.5 lux along exit access aisles.	Within 1 Month
F-5	Emergency Lighting	Inspection, testing and maintenance for the emergency lighting system was not in accordance with The RSC Technical Guidelines.	Ensure adequate illumination of emergency light and Inspect, test and maintain the emergency lighting system in the accordance with The RSC Technical Guidelines. Keep written records on-site.	Within 1 Month

F-6	Fire Rated Construction	Chemical store is not fire separated from fabric store.	Ensure the chemical store fire separated by minimum 4-hr fire rated construction barrier with only occupancies with G and H following table 3.2.1 of BNBC-2020. No opening is permitted in the 4-hr rated wall towards any other occupancy. Follow section 2.14 of BNBC-2020 as a guideline chemical store while rearranging/separation.	Within 3 Months
				
F-7	Human Element Program	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