

# INITIAL FIRE SAFETY INSPECTION REPORT

## Green Textile Limited (Unit-3)\_Expansion

RSC ID: 24526

Factory Address: Nijhuri, Baraid Bazar, Valuka, Mymensingh.

Geographical Coordinates of factory building: 24.44542,90.33883

Other Factories RSC-ID: 23597, 12216, 23596



Inspected By: Dilip Kumar Mondal and Md. Kamrul Hasan

Date: 24 May-2023

# Fire Safety Inspection Report

## Green Textile Limited (Unit-3)\_Expansion

### Introduction:

**Green Textile Limited (Unit-3)\_Expansion** complex was surveyed for fire safety on 24/05/2023 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): Factory Building name(s) in this ID:24526:



1. Single Story Main Production Shed ( March 2021 to February 2022).
2. Single Story Utility RCC Building ( September 2021 to February 2022).
3. Single Story Toilet Shed ( October 2021 to March 2022).
4. Single Story Canopy Walkway-main production shed to toilet ( January 2022 to February 2022).
5. Single Story Wastage Store Shed ( November 2021 to February 2022).
6. Car Parking ( January 2022 to March 2022).
7. Four Storied (G+3) Canteen Building ( September 2021 to March 2022).


Factory Address: Nijhuri, Baraid Bazar, Valuka, Mymensingh.

## 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:**

Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The main structural element on the canteen building's 3rd floor (roof) is constructed of steel and observed protected by spray-applied fire resistive materials.	Please submit the design philosophy, as-built design, dry-film thickness calculation, manufacturer's technical datasheet, independent 3rd party certification, primer's detail, and other relevant documents to the RSC for review. Based on the review, the application will be verified accordingly for final acceptance.	Within 3 months
<div style="display: flex; justify-content: space-around;">   </div>				

F-2	Fire Rated Construction	The factory has used gypsum board to separate storage for the main production shed-warehouse.	Submit materials certification and other relevant documentation to the RSC for review.	Within 1 month
				
F-3	Fire Rated Construction	The elevator discharges inside the floor. (Location: Canteen Building)	Submit lift certification and other relevant documentation to the RSC for review.	Within 1 Month

				
F-4	Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed. (Location: Canteen Building & Main Production Shed)	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.	Within 3 months
<div style="display: flex; justify-content: space-around;">   </div>				

F-5	Egress lighting (ITM)	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 accordance with the RSC standard. Keep written records on-site.	Within 3 Months
F-6	Fire Alarm System	Fire alarm and detection system installation complete which requires detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard).	Submit as-built drawing, calculations, equipment certifications and other relevant documentation to the RSC for review and approval, modification (if required) shall have to be done as per the reviewed design, NFPA 72 & RSC standard & Upon approval & modification (if required) the factory shall verify the system by RSC for final acceptance.	Within 3 Months



F-7	Fire Alarm System (ITM)	Inspection, testing and maintenance for the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72 and RSC Technical Guidelines (Standard).	Within 1 Month
F-8	Fire Protection 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 on- site, in accordance with NFPA 10 and RSC standards.	Within 2 months