

INITIAL FIRE SAFETY INSPECTION REPORT

Versatile Textiles Ltd. (Extension)

RSC ID: 26159

Address: 89/2, Chaydana, Degerchala Road, National University, Gazipur-1704.

Google Co-ordinate: 23.964774, 90.38486

Other Factories: Versatile Textiles Limited (12534)

Versatile Textiles Limited (New Buildings) (23233)



Inspected By: Hasanat Alamgir Abeer

Date: 09-April-2025

Findings & Recommendations :

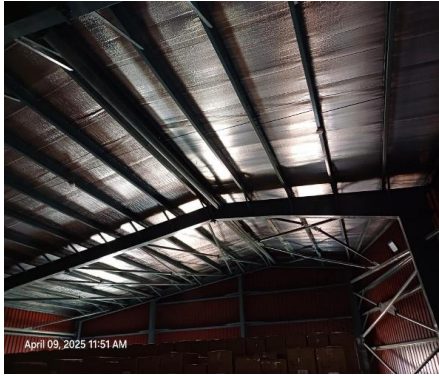
Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue.

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: Warehouse Shed

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Means of Egress	Travel distance has been found exceed the limit at warehouse storage. Location : Warehouse Shed	Reconfigure the egress arrangement or provide additional exits so that the travel distance shall not exceed 30 m as per RSC guidelines 6.6.2	Within 3 Months
 				

F-2	Means of Egress	Directional Exit signage was not provided along the path of egress where there is a change in the direction for the path of travel and the direction to an exit is not obvious. Location : Warehouse Shed	Provide directional exit signs above all building exits to the exterior, all doors to the exit stairs and along all paths of travel where a change of direction is not obvious. Lighted directional signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.	Within 3 Months
				

F-3	Means of Egress	Occupant load sign has not been found at required locations. Location : Warehouse Shed	Provide occupant load sign at required locations.	Within 1 Month
F-4	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location :Warehouse Shed	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 3 Months
 				

F-5	Fire Rated Construction	Jute boiler room has not been separated from warehouse shed. Location : Warehouse Shed.	Boilers or other heat producing equipment shall be separated from other occupancies by a minimum 1-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building. Boiler room separation shall meet section 3.4.2.1.2 of RSC Technical Guideline (Standard) .	Within 3 Months
				
F-6	Fire Alarm & Detection System (FADS)	Automatic fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standards.	Design & Installation of Fire Alarm & Detection system shall be in accordance with RSC standard and NFPA 72. Submit as-built design, documents and calculations to RSC for review prior installation/modification. After installation/modification, 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 2 months and installation within 4 months.



F-7	Fire Detection System (ITM of FADS)	Inspection, testing, and maintenance for the fire detection system is not found 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-8	Fire Protection System(ITM of Extinguishers)	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 1 Month
F-9	Fire Protection System(ITM of Emergency Lighting System)	Inspection, testing and maintenance for the emergency lighting system was not in accordance with The RSC standard.	Inspect, test and maintain the emergency lighting system in the accordance with The RSC standard. Keep written records on-site.	Within 3 Months