

FIRE SAFETY INSPECTION REPORT

MILLENNIUM TEXTILES (SOUTHERN) LTD. - New Building

Factory ID: 24476

Bara Rangamatia, Zirabo, Ashulia, Savar

23.91106347301488, 90.30300125990325

Other Factories in the Building: None



Inspected by: Md. Rakibul Alam and Nainin Nowrose

Date: 24 Oct 2022



Fire Safety Inspection Report

MILLENNIUM TEXTILES (SOUTHERN) LTD. – New Building

Summary

MILLENNIUM TEXTILES (SOUTHERN) LTD. - New Building complex was surveyed for fire safety on 24 Oct 2022 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.

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. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Protection	The fire pump set installation requires detailed review to confirm compliance with NFPA 20 and RSC Technical Guidelines (Standard).	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and then acceptance test.	Within 2 months
				
F-2	Fire Protection	The firefighting system (standpipe system) installation requires detailed review to conform compliance with NFPA 14.	Submit as built drawing, testing records, equipment certification and all relevant documents to the RSC for review, approval and then acceptance test.	Within 2 months





F-3	Fire Protection	The fire alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and then approval/acceptance test.	Within 2 months
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F-4	Egress	Building did not have stair designation sign, occupant load sign & floor level signs at all required locations.	Provide occupant load sign, stair & floor designation signs at required locations (all exits).	Within 1 month
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MILLENNIUM TEXTILES (SOUTHERN) LTD - New building

F-5	Fire Rated Construction	Exit stairs are not separated from work areas & other spaces on each floor by fire-rated construction due to unprotected openings and penetrations. (Electric boards are installed in the fire rated stair wall).	Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr fire-rated construction. Provide minimum 1.5- hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation (10" wall). Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies. If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets RSC 6.8.3.1.	Within 3 months
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F-6 Egress The aisles immediate to east wall is less than 36 in. due to obstruction (most of the floors).

Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.).

Within 3 months

