

# **FIRE SAFETY INSPECTION REPORT**

**MILLENNIUM TEXTILES (SOUTHERN) LTD**  
**BARA RANGAMATIA, ZIRABO, ASHULIA, SAVAR**

**OTHER FACTORIES: NONE**



**ACCORD**  
on Fire and Building Safety in Bangladesh

April 8, 2014

## **SUMMARY**

**Millennium Textiles (Southern) LTD was surveyed for fire safety on 4/8/2014 by Hughes Associates, Inc. This summary identifies the major deficiencies that were identified during the inspection.**

**The purpose of this survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. 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 Accord for approval.**

**Table 1. Findings And Recommendations**

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Unsealed penetrations and openings were present and located in the North and West exit stairwells on most floors.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas on each floor by fire-rated construction. Affected stairwells were the North and West.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.  If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	Within 3 months
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F-3	Egress	Storage located in the west stairwell on ground floor, underneath the stairwell.	Remove all storage from exit stairs and egress paths.	Immediate
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F-4	Egress	Egress doors / gates with locking features are provided at building exits, and some exit stairs, throughout the building.	Remove locking features from all egress doors / gates.  If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-5	Egress	Although fire rated doors with panic hardware were installed, some exit doorways on various floors continued to utilize sliding gate type doors.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.  If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
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F-6	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system was not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-7	Egress Lighting	Manual on-off switch is provided for emergency lighting units. This was reflected on all floors.	Remove manual on/off switches from [emergency lighting / exit signage] units to prevent them from being switched off.	Within 1 month



F-8	Egress Lighting	Inspection, testing, and maintenance records for the emergency lighting system were not available.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
F-9	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along most egress routes throughout the factory.	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