

FIRE SAFETY INSPECTION REPORT

Mahmuda Attires Limited

ACCORD ID: 12894

Balitha, Saha-belishwar, Dhamrai, Dhaka, Bangladesh

23.917613, 90.112799

Other Factories: None



Inspected by: Md. Rakibul Alam & Shusmita Saha

Date: 05 July 2017



Fire Safety Inspection Report

Mahmuda Attires Limited

Summary

Mahmuda Attires Limited complex was surveyed for fire safety on 05 July 2017 by The Accord 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 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	Exit stairs are not separated from work areas & other spaces on each floor by fire-rated construction due to unprotected openings and penetrations. [Fire door installed in occupied floors]	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. 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 ACCORD standard 6.8.3.1.	Within 3 months





F-2 Fire Protection

The fire alarm system and detection system 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 ACCORD for review and approval. Installed the system on the entire factory premises.

Design within 4 months
Install within 9 months



F-3	Fire Protection	Inspection, testing and maintenance of the automatic fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the automatic fire alarm system and keep written records on-site, in accordance with NFPA 72 (after installation).	Within 1 month
F-4	Fire Protection	The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13 and ACCORD standards.	Design within 6 months Install within 12 months
F-5	Fire Protection	Inspection, testing and maintenance of the automatic sprinkler system is not in accordance with NFPA 25.	Inspect, test and maintain the automatic sprinkler system and keep written records on-site, in accordance with NFPA 25 (after installation).	Within 1 month
F-6	Fire Protection	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 20.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 20 (after installation).	Within 1 month
F-7	Egress	Building did not have stair designation sign, occupant load sign & floor level signs at required locations.	Provide occupant load signs, stair & floor designation signs at required locations.	Immediately



F-8	Egress Lighting	Manual on-off switch is provided for emergency lighting and exit signage units.	Remove manual on/off switches from emergency Lighting & exit signage units to prevent them from being switched off.	Within 1 month
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F-9	Egress	Electrical distribution board installed in the exit stair enclosure.	Remove and relocate all electrical boards from exit stair enclosures.	Within 1 month
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F-10	Fire Rated Construction	Proper certification was not provided for fire rated doors installed in the factory on each floor for both exit stairs.	Submit proper certifications for installed fire doors to the ACCORD for approval. If not available, or certification is not approved, install new, properly certified fire rated doors in accordance with ACCORD direction.	Immediately
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F-11	Fire Rated Construction	North exit stairs not enclosed by fire rated construction and access corridors are not provided adequate fire resistance rating.	Separate the exit stair enclosures by 2-hr fire rated construction with 1.5-hr rated door. or Provide 2-hr fire resistance rating exit stair access corridor with 1.5-hr rated door to ensure safe exit discharge.	Within 3 months
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