

FIRE SAFETY INSPECTION REPORT

APPAREL GALLERY LTD.

**144,147,148 NARASHINGPUR, ASHULIA, SAVAR,
DHAKA**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

Bangladesh Accord
Foundation

March 31, 2014

SUMMARY

Apparel Gallery Ltd. was surveyed for fire safety on 3/31/2014 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.

Tables 1 - 2 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 - Extension Building

No.	Category	Finding	Recommendation	Remediation Timeframe
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F-1	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies.	Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-2	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-3	Fire Rated Construction	Packing storage on the 7th floor is not separated from the production floor by fire rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-4	Egress	Storage was located in the East stairwell. Combustible materials for the elevator installation were located on several landings.	Remove all storage from exit stairs and egress paths.	Immediate
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F-5	Egress	Sliding or coiling gates with locking features are provided at building exits, exit stairs, and exit discharge.	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-6 Egress

Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, exit discharges throughout the factory.

Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.

Within 1 month

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.





F-7	Fire Protection	The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design within 6 months, install within 12 months
F-8	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were 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-9	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building in accordance with NFPA 72.	Within 6 months



F-10	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system were not in accordance with The ACCORD Standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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Table 2. Findings And Recommendations - AGL Building

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. Main power line for each floor pass though unsealed and unprotected.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months



F-2	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
F-3	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months



F-4	Fire Rated Construction	Service elevator shaft connects all floors of the building. Fire-rated, smoke-proof doors did not appear to be provided.	Provide a minimum 2-hr fire-rated enclosure to separate the elevator shaft from factory floors. Protect all openings with 1.5-hr fire-rated, smoke-proof doors.	Within 3 months
F-5	Egress	Storage was located in the exit stairwells ground floor wash room loading area. exit.	Remove all storage from exit stairs and egress paths.	Immediate



F-6 Egress

Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge.

Remove locking features from all egress doors / gates.

Immediate

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.





F-7 Egress

Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, exit discharges throughout the factory.

Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.

Within 1 month

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.





F-8	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were 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.	Design within 4 months, install within 9 months
F-9	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building in accordance with NFPA 72.	Within 6 months



F-10	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system were not in accordance with The ACCORD Standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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