

# **FIRE SAFETY INSPECTION REPORT**

**NABA KNIT COMPOSITE**  
**JAMGORA, EPZ ROAD, ASHULIA, DHAKA 1344**

**OTHER FACTORIES: NONE**



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

April 17, 2014

## **SUMMARY**

**Naba Knit Composite was surveyed for fire safety on 4/17/2014 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

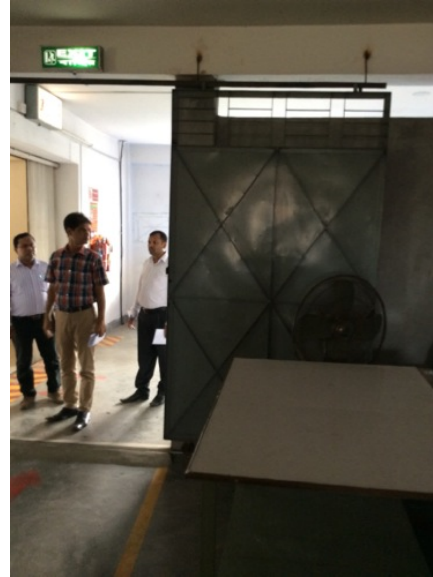
No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Unsealed penetrations, electrical conduit at electrical panels.	Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from production areas on each floor by fire-rated construction.	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	Egress doors / gates with locking features are provided at building exits from the production and storage areas to interior exit stairs and at building exit discharge. These were unlocked during inspection.	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-4	Egress	Main exit stair at building main entry discharges inside the building and is open to storage.	Provide 2-hr fire-rated separation from the storage area and add exit passageway leading directly outside.	Within 6 months
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F-5	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
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F-6	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were not per 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	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.	Replace the single-station smoke alarms with automatic smoke detectors tied into the fire alarm system. Configure the fire alarm system to initiate occupant notification upon activation of any two smoke detectors in addition to the manual fire alarm stations.	Within 6 months



F-8 Egress Lighting

Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along all egress routes.

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

