

FIRE SAFETY INSPECTION REPORT

GEEBEE (BANGLADESH) LIMITED
KARNAPHULI, EPZ, NORTH PATENGA

OTHER FACTORIES: NONE



ACC  **RD**
on Fire and Building Safety in Bangladesh

May 22, 2014

SUMMARY

Geebee (Bangladesh) Limited was surveyed for fire safety on 5/22/2014 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	Areas used for combustible storage were not separated by fire-rated construction on all the floors.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-2	Fire Rated Construction	The boiler, generator, transformer room was not separated by fire-rated construction on the ground floor. There were openings and non-rated doors.	Separate the boiler, generator and transformer room by a minimum 2-hr fire-rated construction. Seal and protect all openings to maintain the required fire separations	Within 3 months
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F-3	Fire Rated Construction	The exit discharge path serving West, North West and North East exit was less than 10 ft wide and was not separated from the building interior.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft., to provide a minimum 1-hr fire separation.	Within 6 months
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F-4	Egress	Egress doors and gates with locking features were provided along egress routes, exit stairs, exit discharges and building exits.	Remove locking features from all egress doors and 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	Storage was located in the egress path on the ground floor.	Keep egress paths and stairs clear of storage.	Immediate
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F-6

Egress

Exit capacity was not adequate for the occupant load on the first floor. The available capacity was 982 and occupant load was 1403.

Reduce occupant load to not more than available exit capacity (982).

Immediate

F-7	Egress	Collapsible gates and sliding doors were provided along egress routes, exit stairs, exit discharges and building exits.	Replace all sliding gates and 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-8	Egress	The width of egress aisles were less than 36-in. on the ground floor.	Provide minimum aisle widths of 36-in.	Within 3 months
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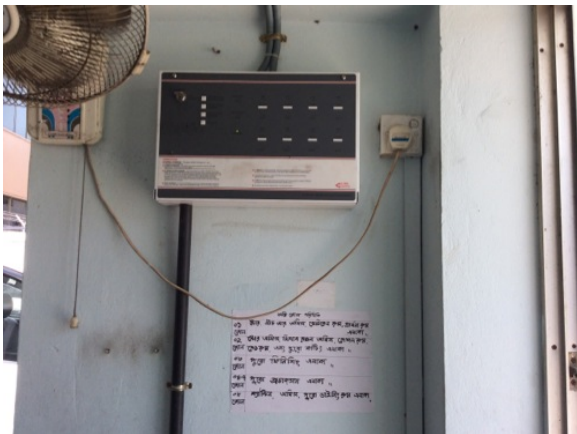
F-9	Egress	Common path of egress travel exceeds 30 m on the ground floor.	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 30 m.	Within 3 months
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F-10	Egress	Dead-end aisles exceed 30 m on the ground floor.	Reconfigure the egress arrangement to reduce the maximum dead-end distance to not more than 30 m.	Within 3 months
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F-11	Egress	Exit stair door and egress door serving 50 or more occupants did not swing in the direction of egress travel on the ground floor.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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F-12	Egress	The exits are not remotely located from each other such that a single fire event could compromise both exits on all the floors except the fifth floor.	Provide additional exits.	Within 6 months
F-13	Fire Protection	The fire alarm system was 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



F-14	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is 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
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F-15	Fire Protection	The building was equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and did not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Within 6 months
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F-16	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-17	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels were not anticipated along egress routes on the ground floor.	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
