

FIRE SAFETY INSPECTION REPORT

Geebee (Bangladesh) Limited - Extended Unit

ACCORD ID: 23257

**FS, SFB # 02, Karnaphuli EPZ, North Patenga, Chattogram, Bangladesh
(22.27898, 91.789511)**

OTHER FACTORY (S): NONE



Inspected By: Md. Ferdaus Jaman

Date: 8th November, 2018

Fire Safety Inspection Report

Geebee (Bangladesh) Limited - Extended Unit

Summary

Geebee (Bangladesh) Limited - Extended Unit was surveyed for fire safety on 8th November 2018 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 & Recommendations

Sl No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces 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. If fire rated doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.	Within 3 months



2	Fire Rated Construction	Finished goods and dining areas is not separated by fire-rated construction (openings, non-rated doors, penetrations). Location: On 1st floor.	Separate the storage and dining areas by a minimum 2-hr fire-rated construction. Separate dining room shall have at least two direct access to exit stair/out side of the building. Seal and/or protect all openings to maintain the required fire separations	Within 3 months
---	-------------------------	---	--	-----------------





3	Fire Rated Construction	Diesel fuel storage is located beside the boiler shed on the ground floor.	Remove all diesel fuel storage from the boiler/generator room areas and relocate to the exterior such that the diesel fuel storage is at least 10 ft from required egress paths. If located along egress paths or in a utility building, separate the diesel fuel storage with 2- hr fire rated construction. There shall be no diesel fuel storage in a factory production building.	Within 3 months
---	-------------------------	--	---	-----------------



4	Fire Rated Construction	Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies. Location: Electrical riser penetration on all floors.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level and seal all penetrations in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
---	-------------------------	---	---	-----------------



5	Egress	Electrical pump and small compressor is located under the north-east exit stair on the ground floor.	Remove and re-locate all electrical and mechanical hazards from exit stair enclosures.	Within 1 month
---	--------	--	--	----------------





6	Egress	Storage was located in the egress path. Location: Discharge path of ramp and finishing section on 1st floor.	Remove all storage materials from the exit stairs and egress path. Means of egress shall be maintained continuously free and clear of all obstructions/storage.	Immediate
---	--------	--	---	-----------



7	Egress	Building did not have fire evacuation plans, stair designation signs and occupant load signs at the required locations.	Provide fire evacuation plan, stair designation signs and occupant load signs at the required locations.	Within 1 month
8	Fire Detection and Alarm System	The fire alarm and detection system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm and detection system with a new, listed addressable fire alarm and detection system in accordance with NFPA 72.	Design within 4 months, Install within 9 months



9	Fire Protection System	The existing building has an occupied floor greater than 10 meter (33 feet) and is not provided with standpipe protection.	Install a new listed class-III standpipe system and fire department connection in accordance with NFPA 14, 20, 22 & 24. A class-I system shall be permitted in buildings protected throughout by an automatic listed sprinkler system.	Design within 3 months, Install within 6 months
---	------------------------	--	--	---





10	Fire Detection and Alarm System-ITM	Inspection, testing, and maintenance (ITM) for the fire detection system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
11	Fire Protection System (ITM)	Inspection, testing and maintenance (ITM) of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 and ACCORD standards.	Within 3 months
12	Emergency Lighting	Manual on-off switch is provided for emergency lighting/exit signage units.	Remove manual on/off switches from emergency lighting /exit signage units to prevent them from being switched off.	Within 1 month



				
13	Emergency Lighting	Emergency power is not provided/connected with some directional exit signs on the production floor.	Provide emergency power connection with the directional exit signs.	Within 1 month
				
14	Emergency Lighting-ITM	Inspection, testing, and maintenance (ITM) for the emergency lighting system were not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months

