

FIRE SAFETY INSPECTION REPORT

Big Boss Corporation Ltd. NEW

ACCORD ID: 22979

Holding#30, Sharabo, Kashimpur, Gazipur

(GPS Co-ordinates: 23.906263,90.322926)

Other Factories: None



Inspected By: Safawan Abayez

Date: 23 January, 2018

Findings & Recommendations :

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.

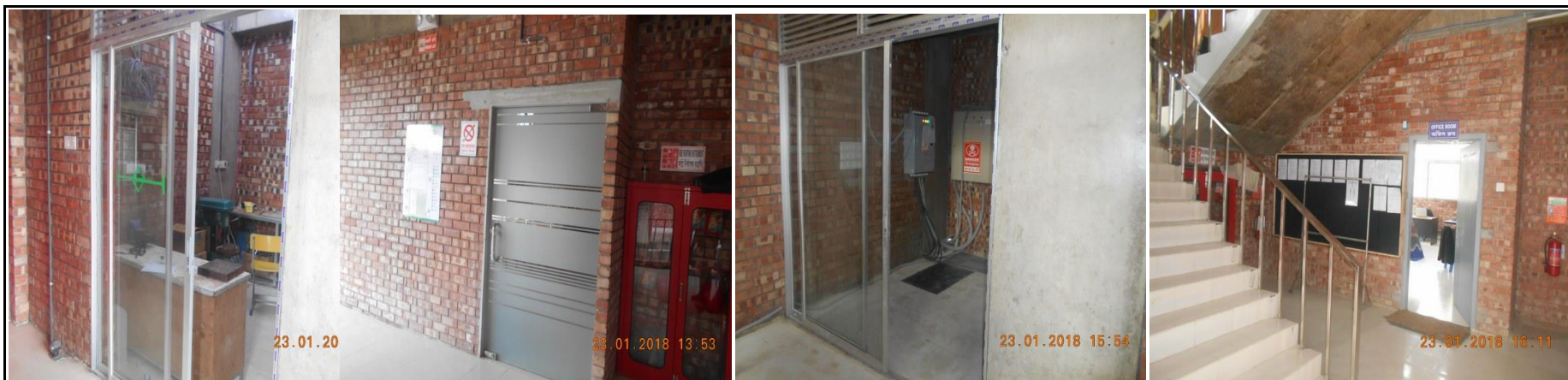
Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Areas used for in-process storages of combustible materials are open to the factory floors. Location: Ground, 2nd, 3rd floors.	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 2. If sprinkler protected: maximum height of 3.66m and maximum area of 93m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. or 3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months





F-2	Fire Rated Construction	The exit stairs are not separated from office & other spaces (maintenance room, office space, panel room) on several floors by fire rated construction. Listed fire doors provided at openings of production floors were held open by manual support.	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 rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire rated 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 Each & every component of fire doors shall be put through proper maintenance for proper functioning & sustainability.	Within 3 months
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F-3	Fire Rated Construction	Penetrations through fire rated floor/ceiling assemblies are found unsealed. Location: BBT Risers	Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling or thickness required to maintain fire resistance rating) assemblies by fire rated materials to maintain the required fire resistance rating or, Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 3 months
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F-4	Fire Rated Construction	Unsealed penetrations and openings are located in the exit stair enclosures. Observed hydrant piping, Cable conduit penetrations at several locations.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations. Penetrations in a concrete or masonry wall by steel, ferrous or copper conduits, pipes, tubes or vents with a maximum 150 mm (6 inch) nominal diameter where the area of the opening through the wall does not exceed 144 sq.in. shall be permitted to be protected using concrete, grout or mortar installed the full thickness of the wall to maintain the fire-resistance rating.	Within 3 months
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F-5	Fire Rated Construction	Unsealed penetrations are observed at the rated wall of compressor room at ground floor.	Seal all penetrations and openings in the rated walls to maintain the fire separations. Penetrations in a concrete or masonry wall by steel, ferrous or copper conduits, pipes, tubes or vents with a maximum 150 mm (6 inch) nominal diameter where the area of the opening through the wall does not exceed 144 sq.in. shall be permitted to be protected using concrete, grout or mortar installed the full thickness of the wall to maintain the fire-resistance rating.	Within 3 months
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F-6	Egress	Building did not have occupant load sign posted at required locations.	The occupant load shall be posted for every assembly & production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space.	Within 1 month
F-7	Egress	The day-care room was located at 4th floor which is a violation of Accord standard.	Relocate day-care room to ground floor with a maximum travel distance of 9 meter (30 feet). Or Relocate to first floor where direct access to an exit enclosure is provided	Within 3 months



				
F-8	Egress	Storages and electrical panels were observed inside the staircase enclosure.	Electrical panels shall be relocated from stair enclosure. Storages & obstructions shall be removed immediately.	Within 1 month
 				



F-9	Fire Detection & Alarm System	Fire detection & alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards	Submit as-built drawings, testing records, listing information and other relevant documentation to the ACCORD for review and approval, modification shall have to be done as per the reviewed design (if required) Upon approval & installation/modification the owner shall contact the Accord prior to conducting the final acceptance testing of the fire detection & alarm system installation. Also inspect, test and maintain the fire detection & alarm system and keep written records on-site, in accordance with NFPA 72 and ACCORD standards.	Design submission within 2 months; Installation/modification within 4 months
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F-10	Fire Protection System	Fire pump, water supply & standpipe system installation requires detailed review to confirm compliance with NFPA 14, 20, 22, 25 and ACCORD standards	Submit as built drawings, testing records, listing information and other relevant documentation to the ACCORD for review and approval, modification shall have to done as per the reviewed design (if required) Upon approval & installation/modification the owner shall contact the Accord prior to conducting the final acceptance testing of the sprinkler system installation. Also inspect, test and maintain the standpipe system & fire pumps, and keep written records on-site, in accordance with NFPA 14, 20, 25 and ACCORD standards.	Design submission within 2 months; Modification/installation within 6 months.
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