

FIRE SAFETY INSPECTION REPORT

Hop Yick (Bangladesh) Ltd. Unit -2 - New

ACCORD ID: 12674

Plot # 44-46, DEPZ (West Zone), Ganakbari, Ashulia Savar
(23.948880, 90.270506)

Other Factories: None



Inspected By: Raju Ahmed and Pantha Pallob Das
Date: 22 December, 2016

Fire Safety Inspection Report

Hop Yick (Bangladesh) Ltd. Unit -2 - New

Summary:

Hop Yick (Bangladesh) Ltd. Unit -2 - New was surveyed for fire safety on 18th December 2016 by The Accord Inspection Team. 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.



Findings & Recommendations :

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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:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	<p>The exit stairs are not separated from work areas and other spaces on each floor by fire rated construction.</p> <p>Fire rated doors are installed and kept open with interfacing with fire alarm system but the fire alarm system not functional yet.</p>	<p>Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 1.5-hr fire rated doors for buildings that are 4 or more stories. 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. 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.</p>	Within 3 months

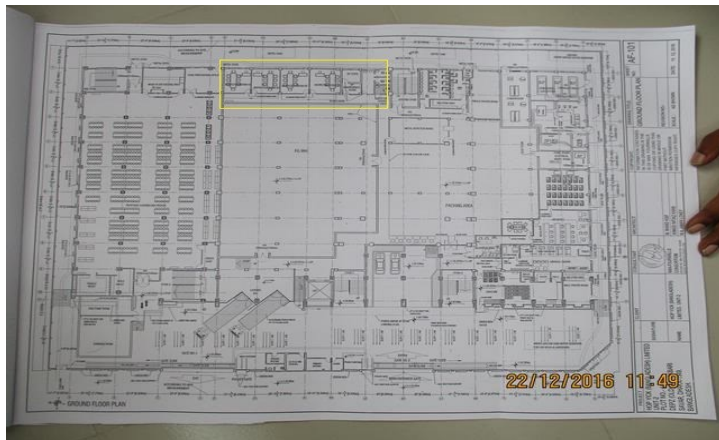




2	Fire Rated Construction	Unsealed penetrations and openings are located in north-east exit stair enclosures on 1st floor.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 1 month
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3	Egress	Occupant load signage not posted at required location.	Provided occupant load signage at required locations.	within 1 month
4	Egress	Common path of egress travel exceeds 23 m. Location: Ground floor office area (East side of the building).	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 23 m without sprinkler and 30 m with sprinkler.	Within 3 months



5	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes on all floors.	Test the emergency lighting system on each floor and provide additional emergency fixtures to supply adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and along exit discharge paths and a minimum 2.5 lux along exit access aisles.	Within 3 months
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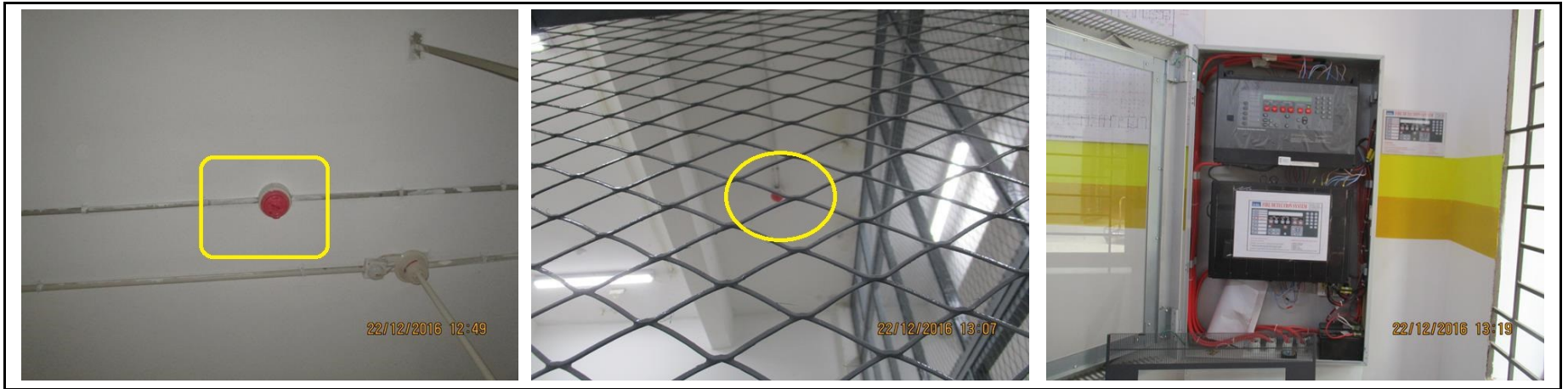


6	Egress Lighting	<p>Directional signs are not provided where direction of the path of travel to an exit has changed.</p> <p>Location: Every floor</p>	<p>Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.</p>	<p>Within 3 months</p>
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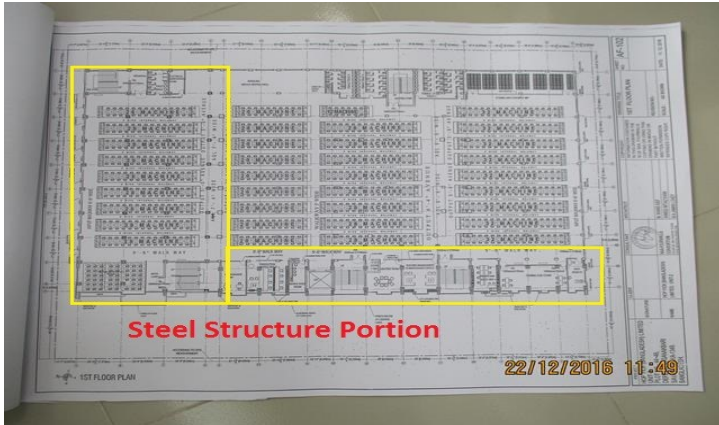


7	Fire Alarm System	<p>Fire alarm system installation is not complete.</p>	<p>Install fire alarm system in accordance with NFPA-72.</p>	<p>Within 6 months</p>
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8	Fire Protection System	<p>The building has an occupied floor greater than 2,000 sq-mts (22,000 sf), is higher than 2 floors and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection. The approx. square footage of the floor plan is 45,000 sft.</p>	<p>Provide fire rating protection for the portion of the building that is not fire rated or provide automatic sprinkler protection throughout the building in accordance with NFPA 13.</p>	<p>Design within 6 months, install within 12months</p>
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10	Fire Protection System (ITM)	<p>Inspection, testing and maintenance of automatic sprinkler system is not in accordance with NFPA 25.</p>	<p>Inspect, test and maintain the automatic sprinkler system and keep written records onsite, in accordance with NFPA 25.</p>	<p>Within 3 months</p>
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