

FIRE SAFETY INSPECTION REPORT

KIMS CORPORATION LTD

**16, SUTAR NOARDDA, ARAPARA, SAVAR, DHAKA
-1340**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

May 15, 2014

SUMMARY

Kims Corporation Ltd was surveyed for fire safety on 5/15/2014 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

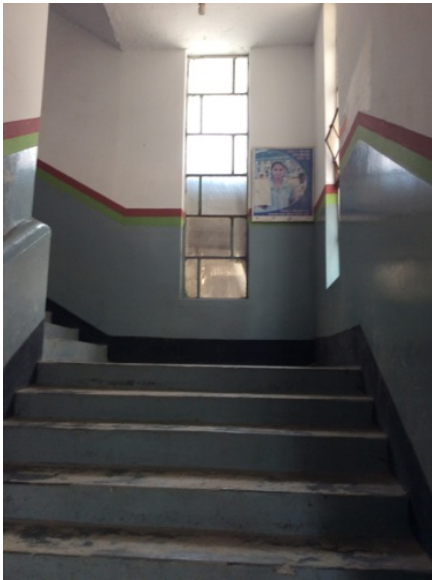
No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The exit stairs are not separated from work areas, on each floor by fire-rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and 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



F-2	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction. Ground floor storage room have partial height walls and unprotected openings to work areas.	Provide minimum 1-hr fire rated separation, also provide minimum .75-hr fire rated doors and seal all unprotected openings to separate the storage room from work areas and other building spaces on the ground floor. Ensure that the fire doors are self-closing and positive latching. 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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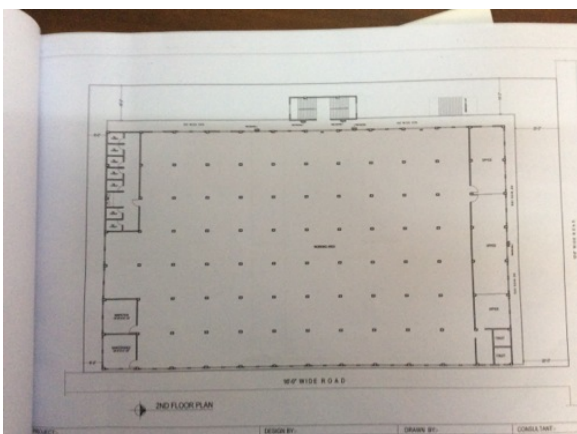
F-3	Fire Rated Construction	The generator and transformer rooms are not separated by fire-rated separation. The generator and transformer rooms were located at the ground floor with unprotected openings to stairs and factory.	Separate the generator and transformer rooms by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months
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F-4	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-5	Egress	Exit capacity is not adequate for the occupant load. 2nd floor exceeds the exit capacity of 386 occupants, actual occupant load is 450 occupants.	Reduce occupant load to not more than available exit capacity of 386 occupants, in the future add a third stair on the southwest corner to increase the occupant load.	Immediate
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F-6	Egress	Egress gates with locking features are provided at all building exits, exit stairs and exit discharge. All lockable openings were open and unlocked during the inspection.	Remove locking features from all egress gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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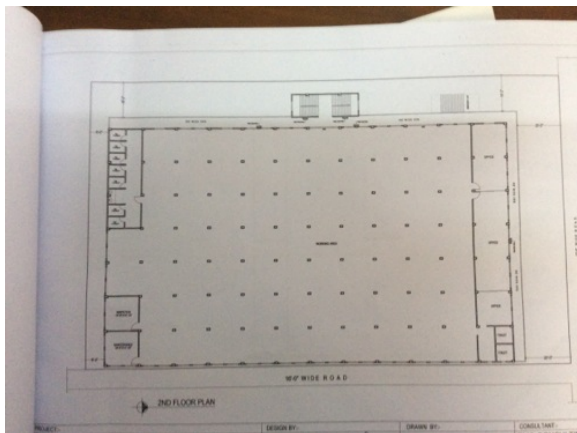
F-7	Egress	Storage was located in the south exit stair. Rooms with combustible materials were located at south exit stair without proper fire-rated separation.	Remove all storage from exit stairs and egress paths.	Immediate
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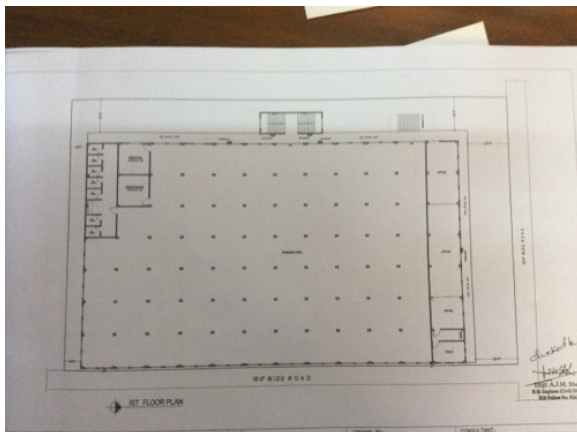
F-8	Egress	Collapsible gates are provided at south stair and sliding gates at north stair.	Replace all gates along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
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F-9	Egress	Common path of egress travel exceeds 30 m. 1st, 2nd and 3rd floors exceed maximum distance of 30 m, actual distance is approx. 75 m.	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	The exits are not remotely located from each other such that a single fire event could compromise both exits. All floors have approx. 60 feet separation between stairs, minimum separation required is approx. 121 feet.	Modify exit arrangement or provide additional exit at southwest corner of the floors.	Within 6 months
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F-11	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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[illegible]

F-13	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.	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-14	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
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Korea Corporation Ltd												
10/20/2014 10:25:14												
Item	Part Name	Part No	Part Desc	Unit	QTY	Unit	QTY	Unit	QTY	Unit	QTY	Unit
1	1" Tee	04212	25	20	18	18	18	18	18	18	18	18
2	1" Tee	04212	25	20	18	18	18	18	18	18	18	18
3	1" Tee	04212	25	20	18	18	18	18	18	18	18	18
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