

# **FIRE SAFETY INSPECTION REPORT**

**EH FABRICS LTD.**

**221-225 SATAISH ROAD GAZIPURA. TONGI**

**OTHER FACTORIES: NONE**



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

April 3, 2014

## **SUMMARY**

**EH Fabrics Ltd. was surveyed for fire safety on 4/3/2014 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 generator room is not separated by fire-rated construction and openings, non-rated doors, penetrations.	Separate the generator room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months



F-2	Fire Rated Construction	The transformer room and EMR is not separated by fire-rated construction (fire door) and openings, non-rated doors and penetrations.	Separate the EMR and transformer room by a minimum 2-hr fire-rated construction (fire door). Seal and protect all openings to maintain the required fire separations	Within 3 months
-----	-------------------------	--	--	-----------------



---

F-3	Fire Rated Construction	The northwest and northeast 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. 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-4	Fire Rated Construction	Unsealed penetrations and openings are located in several exit stairs enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
-----	-------------------------	---	---	-----------------



---

F-5	Fire Rated Construction	Areas used for storage are not separated by fire-rated construction, openings, non-rated doors and penetrations.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.  Seal all penetrations and openings to the interior of the building in wall assemblies to maintain the fire separation.	Within 3 months
-----	-------------------------	--	--	-----------------



---

F-6	Fire Rated Construction	Areas used for storage are not separated by fire-rated construction, openings, non-rated doors and penetrations.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.  Seal all penetrations and openings to the interior of the building in wall assemblies to maintain the fire separation.	Within 3 months
-----	-------------------------	--	--	-----------------



---

F-7	Fire Rated Construction	Unsealed openings are located in each floors.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level.  Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
-----	-------------------------	---	--	-----------------



---

F-8	Fire Rated Construction	The fire pump room on ground floor is not separated by fire-rated construction	Separate the fire pump room by a minimum 1-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months
-----	-------------------------	--	--	-----------------



---

F-9	Egress	Egress doors and gates with locking features are provided a all exit doors.	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.	Immediat
-----	--------	---	--	----------



F-10 Egress

Collapsible gates and sliding doors are provided at several exit doors and exit stairs.

Replace all gates and sliding doors along the means of egress with side-hinged, swinging egress doors.

Within 1 month

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.





F-11 Egress

Fire door is not provided with re-entry door handle.

Fire doors assemblies conform to NFPA 252.

Within 3 months

If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.



F-12 Egress

The stairwell stairs to ground level are not enclosed in fire rated construction.

Provide 2-hr continuous stairwell enclosure to exterior ground level

Within 6 months



---

F-13	Fire Protection	Inspection, testing, and maintenance for the fire alarm system was not 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
F-14	Egress Lighting	Exit sign not provided at exit in office areas and some exit.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 3 months

---



F-15	Egress Lighting	Manual on-off switch is provided for emergency lighting and exit signage units.	Remove manual on/off switches from emergency lighting and exit signage units to prevent them from being switched off.	Within 3 months
------	-----------------	---	---	-----------------

