

FIRE SAFETY INSPECTION REPORT

AZMERI COMPOSITE KNIT LIMITED
199, FAYEDABAD, UTTARPARA, UTTARA, DHAKA-1231

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

August 5, 2014

SUMMARY

Azmeri Composite Knit Limited was surveyed for fire safety on 05-08-2014 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	Flammable liquid storage such as the diesel reserve storage located in the generator space area is not separated by fire-rated construction (openings, non-rated doors, penetrations).	Separate the flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months
				
F-2	Fire Rated Construction	The boiler, generator and transformer room is not separated by fire-rated construction (openings, non-rated doors, penetrations). Partial separation at present on the ground floor services space.	Separate the boiler, generator and transformer room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months



F-3	Fire Rated Construction	Rooms used for combustible storage are not separated by fire-rated construction on the first, second and third floors.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
-----	-------------------------	--	--	-----------------



F-4	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction. Partial separation at present, remaining exits yet to have fire rated doors inserted.	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.	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-5	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies due to electrical service lines from ground to fourth floor.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level.	Within 3 months
-----	-------------------------	--	---	-----------------



F-6	Fire Rated Construction	Unsealed penetrations and openings are located in the east exit stair enclosure. Opening into the factor floors	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation. OR 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-7	Egress	Egress doors and gates with locking features are provided at building exits, exit stairs and main exit discharge throughout the factory. All gates and doors were open and unlocked during the inspection.	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.	Immediate
-----	--------	--	--	-----------



F-8	Egress	Storage such as trashcans where located in the exit stairs.	Remove all storage from exit stairs and egress paths.	Immediate
-----	--------	---	---	-----------



F-9	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs and main exit discharge throughout the factory building.	Replace all gates and sliding doors 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
-----	--------	--	--	----------------



F-10	Egress	Handrails are not provided in the exit stair shared with the office building.	Provide handrails on at least one side of exit stair.	Within 3 months
------	--------	---	---	-----------------



F-11	Fire Protection	The fire alarm system does not provide alarm and notification features consistent with acceptable standards in accordance with NFPA72.	Alter the fire alarm system to meet the requirements in accordance with NFPA 72.	Design within 4 months, install within 9 months
------	-----------------	--	--	---



F-12	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is not in 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-13	Egress Lighting	Manual on-off switch is provided for emergency lighting units throughout the factory building.	Remove manual on/off switches from emergency lighting units to prevent them from being switched off.	Within 1 month
------	-----------------	--	--	----------------



F-14	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
------	-----------------	--	--	-----------------
