

FIRE SAFETY INSPECTION REPORT

Factory Name: L'usine Fashion (Mawna Unit)

ACCORD ID: 12438

ADDRESS: KAWYA, CHONNAPARA, SREEPUR, GAZIPUR.

Other Factories: None



Inspected By: Raju Ahmed

Date: April 17, 2016

SUMMARY :

L'usine Fashion (Mawna Unit). was surveyed for fire safety on April 17, 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.

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	Pictorial Evidence
1	Fire Rated Construction	Transformer & Switchgears room are not properly separated by fire rated construction from each others. Location: Ground Floor, South Side.	Transformer & Switchgear room shall be separated from each other by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and to maintain required fire separation provide 1.5-hr fire rated materials in the openings (door, window etc.) if required. All exhaust systems shall discharge to the exterior of the building in a safe location.	Within 2 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Fire Rated Construction	Fire Pump room are not properly separated by fire rated construction from each others.	The Pump room shall be separated by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) should be protected by 2-hr fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location.	Within 2 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
3	Fire Rated Construction	The exit stairs are not separated by fire-rated construction (Location: Third Floor).	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 2 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Opening/Penetration through Floor/Ceiling	Unsealed Penetrations through floor/ceiling assemblies are observed. Location(s): Inside the production floor near East side and expansion joint of main building.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required. Or Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Fire Rated Construction	Chemical storage area is not separated by fire-rated construction having non rated door and unsealed penetrations and openings. (location main building dying floor).	Separate the chemical storage room by 2-hr fire rated construction. Seal all penetrations and protect the openings to maintain the required fire separations. Keep 16-points MSDS of all chemicals in the storage area. ** As per BNBC, chemical storage room will be Type-1 construction.	Immediate	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
6	Fire Rated Construction	Compressor room is not properly separated by fire rated construction with exit excess way.	Compressor room shall be separated from other occupancies by a minimum 1-hr (2-hr for high-rise building) fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.	Within 2 months	

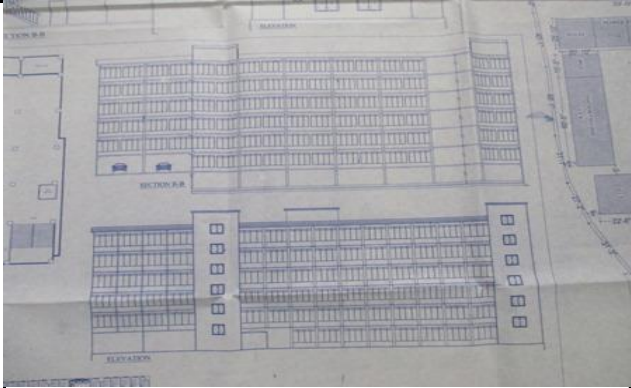


SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
7	Fire Detection System	The existing fire alarm & detection system is not installed properly. Still few areas are out of detection system.	Submit the as-built design/drawing of fire alarm & detection system to Accord for review.	Within 06 Months (Design review & Modification of the system)	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Inspection, testing, and maintenance of the fire alarm system	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 1 month	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
9	Fire Protection System	The existing factory building with an occupiable floor greater than 10 m (33 ft.) above the finished grade is not protected with an approved standpipe system.	Submit the as-built design of standpipe system throughout the building in accordance with NFPA 14.	Within 06 Months (Design review & Modification of the system)	 



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
10	Inspection, testing, and maintenance of the fire protection system.	inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 14.	Inspect, test and maintain the standpipe system and keep written records on-side, in accordance with NFPA 14.	Within 1 month	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
	Separation of Liquefied gas cylinders	The factory is using/storing liquefied gas cylinders without proper separations.	Remove them from the factory building. or Provide 2-hr rated room for using/storing liquefied gas cylinders and ensure proper ventilation of that room. Source of fire such as electrical connection is prohibited.	Immediate	

