

FIRE SAFETY INSPECTION REPORT

Factory Name: Base Fashions Ltd. (New Unit)

ACCORD ID: 22923

ADDRESS:

**93, Sataish Road, Tongi, Gazipur
23.920764, 90.390770**

Other Factories: None



Inspected By: Kazi Raian Mahmood

Date: 31 December, 2017.

Fire Safety Inspection Report

Factory Name: Base Fashions Ltd. (New Unit)

ADDRESS: 93, Sataish Road, Tongi, Gazipur

Summary:

Base Fashions Ltd. (New Unit) was surveyed for fire safety on 31st December 2017 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.



Findings & Recommendations :

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.

SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
1	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy which are not defined or separated. Location: Under Cutting Table, Several floors, Building- 1	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 2. If sprinkler protected: maximum height of 3.66m and maximum area of 93m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. or 3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 Months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Fire Rated Construction	Generator, Transformer and Boiler rooms have fire door installed but the passive door during the inspection were found open those have no option to be interfaced with Fire Alarm system neither has the ability to get automatically closed.	Provide appropriate fire door for the required occupancy with all the options available as per NFPA 80 & 258 and interface with Fire Alarm System.	Within 3 Months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
3	Fire Rated Construction	Bonded Warehouse and Accessories stores have passive door kept open with the help of external sources that are not interfaced with Fire Alarm System	Provide 2-hr Fireseparation at all dedicated storage. Fire doors shall be interfaced with Fire Alarm System.	Within 03 Months	 



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Fire Rated Construction	Fire Pump room is not separated from Transformer room and other occupancies	Provide minimum 2-Hr Fire Separation to Fire Pump Room	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Fire Rated Construction	Dinning Area is not separated from production floor	Provide minimum 2-hr of Fire Separation at Dinning Area with other occupancies.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
6	Fire Rated Construction	Penetrations through floor/ceiling assemblies/Electrical Shaft are found unsealed. Location(s): All floor near stair 1.	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. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 2 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
7	Fire Rated Construction	Liquefied or compressed gas cylinders were located within the factory under the east exit stair.	The storage or use of liquefied or compressed flammable gas cylinders shall be prohibited within the factory building.	Within 3 Months	 



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Fire Rated Construction	Gas Meter room is directly open to the exit discharge	Provide minimum 2-hr of Fire Separation at Gas meter room with other occupancies.	Within in 3 months	  



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
9	Egress	Storage were located at both exit stairs at ground floor at roof floor.	Remove all the storage from stairs	Immediate	 



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
10	Egress	Landing of 4th Floor of Stair 1 is less than 48 inches.	Provide adequate landing space as per NFPA 101	Within 1 month	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
11	Fire Alarm & Detection System	The factory has been designed & installed the addressable fire alarm system without having approval from AHJ	Existing addressable fire alarm & detection system shall be designed & installed as per NFPA 72. Modify the system (if required) after getting approval from AHJ.	Within 06 Months	 
12	Fire Alarm & Detection 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 3 Months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
13	Fire Protection System	The factory has designed & is installing the Standpipe system without having approval from AHJ (Authorities Having Jurisdiction).	Existing Standpipe system shall be designed & installed as per NFPA 72. Modify the system (if required) after getting approval from AHJ.	Design in 3 months installation in 6 months	
14	Fire Protection System	Inspection, testing, and maintenance for the Standpipe system is not in accordance with NFPA 14 or as per Accord standard.	Inspect, test and maintain the Standpipe system, and keep written records on-site, in accordance with NFPA 14 or as per Accord standard.	Within 3 Months	
15	No Smoking Sign	No Smoking Sign was not observed throughout the building	Provide no smoking sign at all floors in accordance with Accord standard	Within 1 month	

