

FIRE SAFETY INSPECTION REPORT

Factory Name: Dekko Designs Ltd. (New Building)

ACCORD ID: 12523

ADDRESS: Purba Naroshinapur, Ashulia, Savar, Dhaka (23.926934, 90.304463)

Other Factories: N/A



Inspected By: Md. Rafat Arefin

Date: 25th August' 2016

Fire Safety Inspection Report

Factory Name: Dekko Designs Ltd. (New Building)

Introduction:

Dekko Designs Ltd. (New building) was surveyed for fire safety on 25/08/2016 by The Accord Inspection Team. The purpose of the 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.

Limitations:

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The Accord cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.



General Factory Information

Factory Building name(s): Dekko Designs Ltd. (New Building)

Factory Address: Purba Naroshinapur, Ashulia, Savar, Dhaka

Points of contact:

1. Name: Md. Shahabuddin ,
Designation: Asst Manager, (HR & Compliance),
Contact No: 01817299968,
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2. Name: Pankaj Kanti Bose,
Designation: Sr. Manager Utility,
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Email: pankaj.dwl@dekkoashulia.com



Findings & Recommendations :

The following "Table" 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	The factory is using/storing liquified gas cylinders without proper separations.	Remove them from the factory building. or Provide 2-hr rated room for using/storing liquified gas cylinders and ensure proper ventilation of that room. Source of fire such as electrical connection is prohibited.	Within 1 month	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Fire rated construction	The CNG distribution station is not seperated from the surrounding occupancies by fire rated construction.	Provide 2-hr rated seperation and ensure proper ventilation of that room. Source of fire such as electrical connection is prohibited.	Within 3 months	 



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
3	Fire rated construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. (2nd and 3rd floor, cutting section)	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. - or 2. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months	 

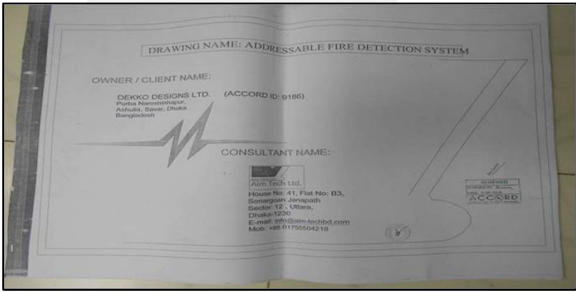


SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Fire rated construction	The south-west exit stair is not separated from basement by fire-rated construction. (Basement floor)	Stair shall be enclosed with a minimum 2-hr fire-rated construction. Seal all unprotected openings and provide minimum 1.5-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, 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	

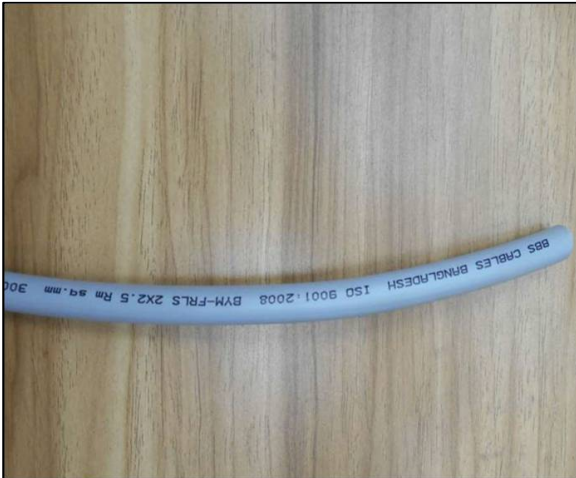


SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Fire rated construction	Unsealed penetrations and openings are located in North-East exit stair enclosures. (All floors)	Seal all penetrations and openings in the wall of exit enclosure walls (full thickness of the wall) by fire rated materials to maintain the fire resistance rating.	Within 3 months	
6	Egress	Width of aisles is less than 0.9m (36-in.). (2nd floor)	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.).	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
7	Egress	Fire door has been installed in most of the exits at production and store floors. Doors were found forcibly opened for functional purpose by non-mechanical means. (All floors)	If fire doors are required to be held open for functional reasons, provide automatic-closing devices interfaced with the fire alarm system.	Within 3 months	
8	Fire Protection	Currently no Fire alarm system is operating. An addressible fire alarm system installation is on-going. Drawing for the fire alarm system has been reviewed by Accord.	Complete installation of fire alarm system as per NFPA-72.	Within 4 months	  

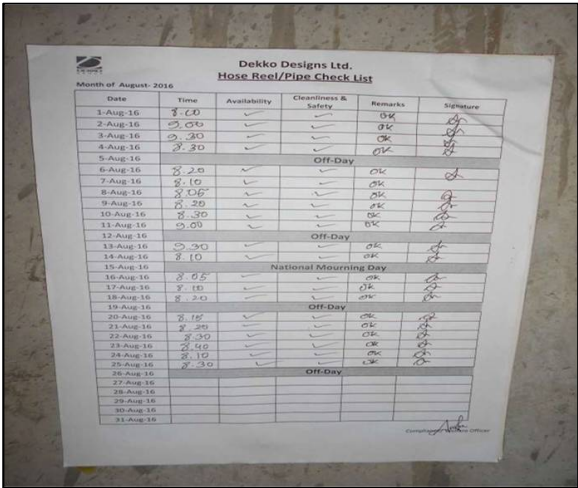


SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
9	Fire Protection	Cables used for fire alarm system did not have any third party certification.	Factory have to prove whether the installed fire alarm cable has been certified by any third party or not.	Within 1 month	
10	Fire Protection	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
11	Fire Protection	The building has an occupied floor greater than 10 meter (33 feet) and a class (III) stand-pipe system installation has not been completed yet. Accord reviewed drawing was present on site.	Provide standpipe and hose system as per NFPA 14 & 20.	Within 4 months	 



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
12	Fire Protection	Installed Fire pump used for the stand-pipe system is not as per NFPA-20.	Install dedicated fire pump following the requirements of NFPA-20.	Within 4 months	
13	Fire Protection	Inspection, testing, and maintenance of the standpipe system is not in accordance with NFPA 25 or as per Accord standard.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 or as per Accord standard.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
14	Fire Protection	Inspection, testing, and maintenance of the fire pump not in accordance with NFPA 25 or as per Accord standard.	Inspect, test and maintain the fire pump and keep written records on-site, in accordance with NFPA 25 or as per Accord standard.	Within 3 months	
15	Fire Protection	Inspection, testing, and maintenance for the fire extinguishers is not in accordance with NFPA 10 or as per Accord standard.	Inspect, test and maintain the fire extinguishers, and keep written records on-site, in accordance with NFPA 10 or as per Accord standard.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
16	Egress	Width of exit stairs are more than 1.2 meter and not provided with handrails on both side.	Provide handrails on both side of exit stair having a minimum height 34 in.	Within 3 months	
17	Egress	Occupant loads signs are not posted in a conspicuous space near the main exits or exit access doorways as demanded in ACCORD.	Post the occupant load sign for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
18	Fire rated construction	Fire pump room is not separated from other occupancies by fire rated construction.	Provide 2-hr fire rated separation for fire pump room or Relocate it 15.3m (50 ft.) away from any occupancies exposing the fire pump room.	Within 3 months	
19	Egress Lighting	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months	

