

INITIAL FIRE SAFETY INSPECTION REPORT

Fame Design Ltd. (New)

ID:24066

ADDRESS: Lalpur, Fatullah, Narayangonj

Google co-ordinate: 23.633819843423172, 90.47873250114218

Other Factories: None



Inspected By: A N Faisal Ahmed, Md. Anisuzzaman

Date: 10-Dec-2020

Fire Safety Inspection Report

Fame Design Ltd. (New)

Introduction:

Fame Design Ltd. (New), complex was surveyed for fire safety on **10/12/2020** by The RSC 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 RSC. 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 RSC 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



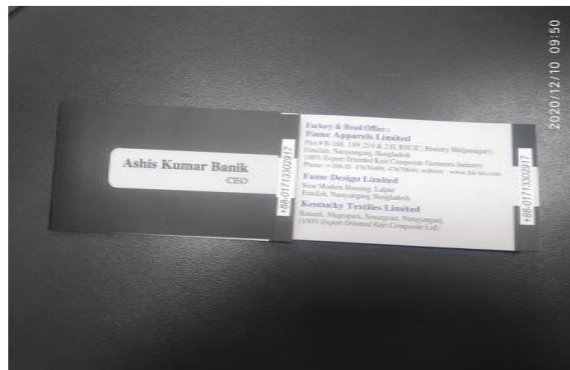
Factory Building name(s): Building 01- Single story steel building (Production building)
Building 02- 2 storied RCC utility building

Factory Address: Lalpur, Fatullah, Narayangonj

Points of contact:

1. Name: Ashis Kumar Banik ,
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2. Name: Roksana Enam ,
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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 RSC for approval.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas & floors. Location: Building-1(Production) & Building -2 ground floor.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months



2	Fire Rated Construction	The boiler, generator, compressor and transformer rooms are not separated by fire rated construction due to penetrations/ openings. Location(s): Utility building-2	Separate the boiler and transformer rooms by a minimum 2-hr fire-rated construction. Seal and/or protected all openings or penetrations to maintain the required fire separations.	Within 3months
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3	Egress	Common path of egress travel was found 115 ft (35 m) Location: Store rooms of building-1.	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more 30 occupants shall not exceed 30 m for group H (storage) occupancies. 7	Within 3 months
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4	Fire Rated Construction	The exit discharge path of North exit is less than 10 ft wide and is not separated from building-02 store room.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft. to provide a minimum 1-hr fire separation.	within 3 months
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5	Egress	East side exits does not have a proper exit discharge as well as the discharge path is unusable.(Building -1)	Provide steps outside exit door from ground floor to courtyard and make a road / egress path for smooth discharge of occupants. Means of egress shall be maintained continuously free and clear of all obstructions	Within 3months
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6	Fire Rated Construction	Exterior exit stair is not properly separated from the building interior. Location: Building 02	Exterior exit stairs shall be separated from the building with a rating requirement of 1 hr fire rating for 3 or fewer stories or 2 hr fire rating for 4 or more stories. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structure.	Within 3 months
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7	Fire Protection System	The Required Fire Alarm system is not installed in accordance with the ACCORD standard Or NFPA-72. Location: Building 1(Production) & Building 2(utility).	Design & Installation of Fire Alarm system should be in accordance with ACCORD standard and NFPA 72.	Design Submission 2 months and Installation 4 months.
8	Fire Protection 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 6 months

9	Egress Lightning	Manual on-off switch is provided for [emergency lighting / exit signage] units.	Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off.	Within 3 month
 2020/12/10 10:21				
10	Egress Lightning	Exit signage not illuminated during testing (burned out, broken, etc.). Location: Building-1 & building-2	Regularly inspect all exit signage as per Accord standard and replace/install lights as needed to illuminate signs.	Within 1 month



11	Egress Lightning	Exit sign not provided at exit. Location: Building 01.	Lighted exit signs shall be placed at entrance to an exit. Additional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious. Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.	Within 3 month
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12	Egress Lighting	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not available at site.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3months
13	Egress	Occupant load sign, exit designation and stair designation are not posted near to the exit. Location: Building 1 & Building 2	Occupant load sign, exit designation and stair designation shall be posted at the entrance to exits/ near to exit.	Within 1 month

14	Egress	Fire evacuation maps is not posted at the entrance of all exit stair. Location: Building 1 & Building 2	Updated Fire evacuation maps shall be posted at the entrance to each exit stair.	Within 1 month
15	Fire Protection System	Inspection, testing, and maintenance of the extinguisher system is not in accordance with NFPA 10 or as per Accord standard.	Inspect, test and maintain the extinguisher system, and keep written records on-site, in accordance with NFPA 10 or as per Accord standard.	Within 3 months

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NO.	STANDARD	TYPE	LOCATION	STATUS	DATE OF REPLY	DATE OF REPAIR	REMARKS
1	1	1	Seating	OK	01.07.2020	01.07.2021	
2	1	1	Seating	OK	01.07.2020	01.07.2021	
3	1	1	Seating	OK	01.07.2020	01.07.2021	
4	1	1	Seating	OK	01.07.2020	01.07.2021	
5	1	1	Seating	OK	01.07.2020	01.07.2021	
6	1	1	Seating	OK	01.07.2020	01.07.2021	
7	1	1	Seating	OK	01.07.2020	01.07.2021	
8	1	1	Seating	OK	01.07.2020	01.07.2021	
9	1	1	Seating	OK	01.07.2020	01.07.2021	
10	1	1	Seating	OK	01.07.2020	01.07.2021	
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15	1	1	Seating	OK	01.07.2020	01.07.2021	
16	1	1	Seating	OK	01.07.2020	01.07.2021	
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99	1	1	Seating	OK	01.07.2020	01.07.2021	
100	1	1	Seating	OK	01.07.2020	01.07.2021	

By Compliance Officer

16	Fire Rated Construction	Considering the date and type of construction, building-01 is defined as "New Non-rated Construction" in accordance with Accord standard.	Construction of new non-high-rise factories containing G and/or H2 occupancies (factories) shall be Type 1 or Type 2 construction as required in BNBC Part 3 Table 3.2.4. Provide/ensure required fire rating on the structural elements by following Section 4.4 and Table 4.4.1 of the Accord Standard or Table 3.3.1 and Table 4.1.1 from BNBC. Consult a qualified fire protection engineer to design the rated construction barriers in between two floors and in structural members.	Within 6 months
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