

INITIAL FIRE SAFETY INSPECTION REPORT

BARAKA FASHIONS LIMITED (Extension)

RSC ID: 24563

6 Shing Bari Road Boro Dewra Tongi, Gazipur-1700.

Other Factories: BARAKA FASHIONS LIMITED



Inspected By: Pantha Pallob Das & Md. Anisuzzaman

Date: 13th-March-2023

Fire Safety Inspection Report

BARAKA FASHIONS LIMITED (Extension)

Introduction:

BARAKA FASHIONS LIMITED (Extension); complex was surveyed for fire safety on **13/03/2023** 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-Store Building-6 Storied RCC.

Factory Address: 6 Shing Bari Road Boro Dewra Tongi, Gazipur-1700.

Points of contact:

1. Name: Md.Shakil Ahamed,
Designation: Asst.General Manager(HR,Admin & compliance), Contact
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2. Name: Md. Habibur Rahman,
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Findings & Recommendations :

Table 1- summarizes the fire safety non-compliant issues identified during the inspection. Recommendations have been provided to address each issue with specific remediation timeline.

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: Findings & Recommendations

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The exit stairs are not separated from [work areas, other spaces] on each floor by fire rated construction due to unprotected opening to DB, penetration & fire door non-functionality.	The exit stair enclosure shall be provided with a minimum of 2- hr. fire resistance rating with 90 minutes opening protection. 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. No other penetration into and through the exit enclosure except for fire alarm equipment electrical raceway, required exit doors, sprinkler piping, standpipes, and electrical conduit serving the exit enclosure is permitted.	Within 3 months



F-2	Fire Rated Construction	Elevator shafts are directly open into the inside of exit enclosure. Location: Stair-1	Modify the elevator shaft as per RSC Technical Guideline (Standard) V1-6.14.3. An exit stairway shall not be built around a lift shaft unless both of them are located in a smoke proof enclosure and made of a material with fire resistance rating required for the type of construction of smoke proof enclosure. So, rearrange the facility to provide separate enclosure for lifts. If not possible anyway then provide a minimum 2-hr fire- rated elevator shaft with listed fire rated lift landing door to separate from each floor level.)	Within 3 months
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F-3	Fire Rated Construction	The exit discharge path (Passageway) is not separated by fire-rated construction. Location: Exit Stair-1	Provide minimum 2 hr. fire rated exit discharge path which will lead directly outside.	Within 3 months
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F-4	Fire Rated Construction	The exit discharge path (Egress Court) was less than 10 ft wide and was not separated from the building interior. Some Storage/Obstacles in the exit discharge path. Location: Exit stair-2	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 2-hr fire separation. Exit discharge path shall be free from all Storages/Obstacles.	Within 3 months
				
F-5	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction. Location: 2nd floor & Near to Exit stair-1 of several floor.	Provide dedicated storage rooms separated by minimum 1 hr. fire rated construction. Seal all unprotected openings and penetration. 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-6	Fire Rated Construction	The workshop/idle machine room on the first floor of 6 storied store building is not separated from two storied main steel production shed by fire-rated construction.	Separate the store building and 2 storied steel building is fire separated by minimum 4-hr fire rated construction, where no opening is permitted.	Within 3 months
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F-7	Fire Rated Construction	The Dining area(E4) is not separated by fire rated construction with the adjacent production area.	Separate the dining area(E4) from adjacent production occupancies by minimum 3-hr fire rated construction. Provide rated exit passageways leading directly to the outside of the building or rated stair enclosure.	Within 3 months
				
F-8	Means of Egress	The egress path along the means of egress has been interrupted by obstruction. Location: 3rd & 4th floor.	Aisles shall be provided with a minimum unobstructed clear- with of 0.9m (36 in). Means of egress shall be maintained continuously free and clear of all obstructions/storage.	Immediately



F-09	Means of Egress	Egress doors & gates on the 2nd & 5th floor with non-compliant locking features are provided at exits.	Remove non-compliant locking features from all egress door & gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101 & RSC Technical Guidelines (Standard) V1- 6.8.2	Immediately
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F-10	Fire Alarm & Detection System (FADS)	Addressable fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard).	Submit design, documents and calculations to RSC for review prior and based on the review modify the system if there is any. After modification/installation the owner shall contact the RSC for witness of conducting the final acceptance testing of the fire detection & alarm system installation. Also inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Design Review within 1 month and modification (If require) within 3 months after review of design.
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F-11	Inspection, Testing and Maintenance of Fire Alarm & Detection System (ITM of FADS)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per RSC Technical guidelines (Standard).	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 (Table-14.3.1) or as per RSC Technical guidelines (Standard).	Within 1 Month after installation.
F-12	Fire Protection System(Standpipe)	Standpipe system installation requires detailed review to confirm compliance with NFPA 14 ,20 ,22 & 24 or as per RSC Technical guidelines (Standard).	Submit the standpipe system drawing to RSC for review. Once the design is reviewed, install/ modify the standpipe system throughout the building in accordance with review comment, RSC Standard and NFPA 14,20,22 and 24. After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing.	Design Review within 1 month and modification (If require) within 3 months after review of design.



F-13	Inspection, Testing and Maintenance of Fire Alarm & Detection System (ITM of FADS)	Inspection, testing, and maintenance for the Standpipe system is not in accordance with NFPA 25 or as per RSC Technical guidelines (Standard).	Inspect, test and maintain the fire pump & water system & standpipe system and keep written records on-site, in accordance with NFPA 25 or as per RSC Technical guidelines (Standard).	Within 1 Month after installation.
F-14	Fire Protection System(Pump & standpipe)	Inspection, testing, and maintenance for the Fire pump is not in accordance with NFPA 25 or as per RSC Technical guidelines (Standard).	Inspect, test and maintain the fire pump & water system and keep written records on-site, in accordance with NFPA 25 or as per RSC Technical guidelines (Standard).	Within 1 Month after installation.