

INITIAL FIRE SAFETY INSPECTION REPORT

Orient Allure Lingerie Ltd. & LZ Textiles Ltd. (Extension Building)

RSC ID: 24247

Dewallia Bari, Konabari, Gazipur, Dhaka

23°49'38" N 90°15'31" E

Other Factories: Orient Allure Lingerie Ltd. & LZ Textiles Ltd. (In the premises)



Inspected By: Pantha Pallob Das & Md. Sadid Rahman

Date: 10-October-2021

Fire Safety Inspection Report

Orient Allure Lingerie Ltd. & LZ Textiles Ltd. (Extension Building)

Introduction:

Orient Allure Lingerie Ltd. & LZ Textiles Ltd. (Extension Building) complex was surveyed for fire safety on 10/October/2021 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): Orient Allure Lingerie Ltd. & LZ Textiles Ltd. (Extension Building)

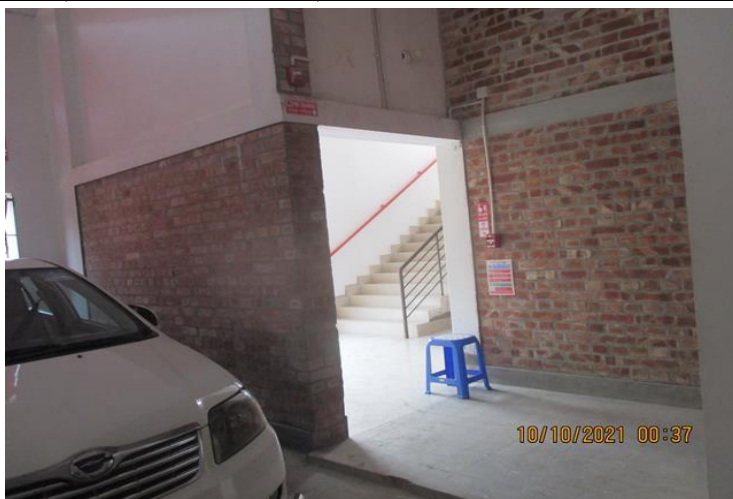
1. Building 3- Office Building (5 Story RCC)
2. Building 2- Dining Building (6 Storied RCC)

Factory Address: Dewallia Bari, Konabari, Gazipur, Dhaka

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 of Building- 2 & 3.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	None of the exit discharge the occupants directly outside of the building or to a fire rated passageway. Location : B# 3- Office Building	All the exits shall be discharged directly outside of the building or through a minimum 2-hr fire rated passageway.	Within 3 Months



F-2	Fire Rated Construction	Elevator open directly inside of exit enclosure which is a violation of Accord Standard 6.14.3. Location : Stair-1 of B# 3.	In new construction, elevators shall not open into an exit enclosure [Accord Building Standard 6.14.3]. So, rearrange the facility to provide separate enclosure for lifts.	3 months
				

F-3	Fire Rated Construction	Unprotected opening for the childcare exists which is required to be closed or protected to ensure proper separation with car parking.	Seal the window/unprotected opening with minimum 2-hr fire rated material.	Within 3 Months
				

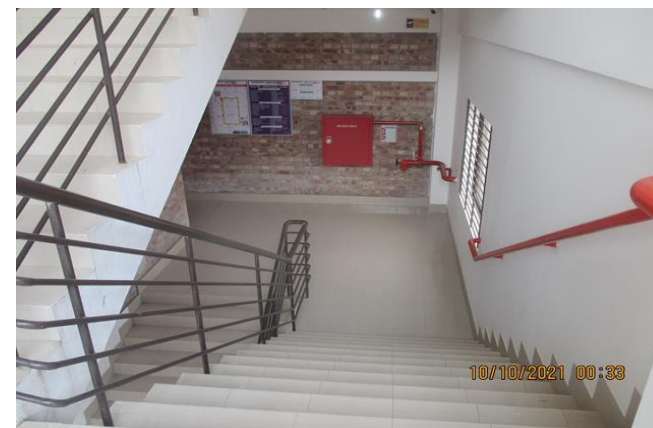
F-4	Fire Rated Construction	Areas used for combustible storage open to the factory are not separated by fire rated construction on 3rd floor of the building-3.	Separate the dedicated storage rooms by minimum 1-hr fire-rated construction. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) and maximum area of 23m² (250 ft²) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m² (1000 ft²). Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 Months
				

F-5	Fire Rated Construction	Compressor room is not separated by fire-rated construction. Location: B# 2- Ground Floor.	Compressor Room shall be separated from other occupancies by a minimum 1-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) by minimum 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 3 months
				

F-6	Fire Detection and Alarm System (FADS)	Fire alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standard. Location: Building-3.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review. Once reviewed, install or modify the fire detection and alarm system (where required) throughout the building in accordance with Accord standard and NFPA 72. The factory management shall contact RSC to conduct the final acceptance testing after the installation, testing & commissioning.	Design Review within 2 months and installation/modification within 4 months
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F-7	ITM of Fire Detection and Alarm System (FADS)	Inspection, testing and maintenance for the fire detection and alarm system was not in accordance with standard.	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72.	Within 1 month after installation.
F-8	Standpipe System (SUPS)	Standpipe system requires detailed review to confirm compliance with NFPA 20 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review. Once reviewed, modify the standpipe system (where required) in accordance with Accord standard and NFPA 14. The factory management shall contact RSC to conduct the final acceptance testing after the installation, testing & commissioning.	Design Review within 2 months and installation/modification within 4 months



F- 9	ITM of Standpipe System	Inspection, testing and maintenance for the standpipe system was not in accordance with standard.	Inspect, test and maintain the standpipe system in accordance with of NFPA 25 and keep written records on-site.	Within 1 month after installation.
F- 10	Egress Lighting	Exit sign with directional arrows are not provided at all floor. Location: Building-3	Provide exit signs above all exits to the exterior and all doors to the exit stairs	Within 1 month