

# INITIAL FIRE SAFETY INSPECTION REPORT

## Jericho Imex Ltd (Extension Building)

RSC ID: 24219

DAG NO. 1726 & 856, MONTRIBARI ROAD, SOUTH SHALNA, SHALNA BAZAR, GAZIPUR-1703

24.031286, 90.390342

Other Factories: Jericho Imex Ltd (ID-9414)



Inspected By: Mahfuza Khanom, Md. Sadid Rahman & Md. Khalaquzzaman

Date: 17-Oct-2021

# Summary Report

## Jericho Imex Ltd (Extension Building)

### Introduction:

Jericho Imex Ltd (Extension Building) complex was surveyed for fire safety on 17-Oct-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.

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 Shed 3- Single Story Steel Shed**

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The shed is newly constructed where structural members are constructed by steel (except columns) and have been found in exposed condition without any fire protection.	New construction shall be type-1 or type-2 construction in accordance with Accord standard 3.5.2.1 and BNBC Part-2, Table-3.2.4. Provide 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 Part 4. Consult a qualified fire protection engineer to design the rated construction barriers in between two floors and in structural members.	Within 6 months



F-2	Fire Rated Construction	Dining area is not separated by fire rated construction with other Occupancies/Areas.	Dining shall be separated from production area by minimum 3 hr. rated separation. Seal and/or protect all openings to maintain the required fire separation. Also provide at least two means of exits leading directly to the street or leading to a corridor or open space having access to exits in two independent and different direction.	Within 3 Months
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F- 3	Fire Rated Construction	The exit discharge path (Egress Court) is less than 10 ft wide and is not separated from the building interior.	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. Alternatively, provide a second remote discharge path to the public way (only include this if feasible).	Within 3 Months
				
F- 4	Egress	Width and height of the new exit doors are less than 1 meter and 2.03 meter respectively.	Provide minimum clear and unobstructed exit door width of 1 meter and height of 2.03 meter as per Accord standard.	Within 1 month



F- 5	Egress	Factory did not have occupant load signs at required locations.	Provide occupant load signs at required locations.	Within 1 month
F-6	Egress Lighting	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 1 month



F- 7	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 3 months
F- 8	Egress Lighting (ITM)	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months

F- 9	Inspection Testing and Maintenance of Portable Fire Extinguisher	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10.	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10.	Within 3 months
F- 10	Fire Alarm & Detection system	Fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval; modification (if required) shall have to done as per the reviewed design and standard.	Design within 2 months, Installation/ Modification within 4 months



F- 11	Fire Alarm & Detection System (ITM)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 1 month (After installation)
F- 12	Fire Protection	The required no smoking signs are not present in the factory.	Factory shall provide no-smoking sign at all required places. Smoking shall be prohibited in any garment factory building, separate storage building, or any building or area where the Inspector of the Factories Rules (1.6.3.7) Part 53 requires that smoking be prohibited. Signs shall be posted in Bengali and English at all building entrances. If an Owner creates a designated smoking area outside the buildings, information on the location of these designated areas shall be posted on the signs required in 13.5.2.	Within 1 month