

INITIAL FIRE SAFETY INSPECTION REPORT

GLOBAL FIT (BANGLADESH) LIMITED

RSC ID: 24931

ADDRESS: Plot # 868/1, Block - A, Jangalia Para, Vawal Mirjapur, Gazipur Sadar, Gazipur-1700

Other Factories: N/A



Inspected By: Md. Anisuzzaman & Shahina Imam

Date: 17th January 2024

Fire Safety Inspection Report

GLOBAL FIT (BANGLADESH) LIMITED

Introduction:

GLOBAL FIT (BANGLADESH) LIMITED complex was surveyed for fire safety on **17/01/2024** 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): Factory Building name(s): There are 8 structure under this ID-24931 which are listed below:

1. Production Shed (Shed: 01), Steel structure (Construction: March, 2003 to April, 2005 & Occupied: August, 2005, Previously Bently Sweaters Ltd. Global fit Started production on June 2022 ,total area= 8896 SQM, Design approved by Gazipur Union Parishad / October, 2005, Exiting Construction)
2. Office Building, Three storied RCC building(Construction: February, 2007 to September, 2009 & Occupied: December, 2009, Previously Bently Sweaters Ltd. Global fit Started production on June 2022. Total area=1392 SQM, Design approved by Gazipur Union Parishad / October, 2005, Exiting construction)
3. Warehouse (Shed-02), Steel Structure(Construction: April, 2008 to January, 2009 & Occupied: February, 2009, Previously Bently Sweaters Ltd. Global fit Started production on June 2022. Total area= 1148 SQM, Design approved by Gazipur Union Parishad / October, 2005, Exiting construction)
4. Utility Building, Single Storied RCC Structure(Construction: June, 2005 to November, 2005 & Occupied: January, 2006. Total area=116 SQM, Design approved date not found during inspection. Exiting construction)
5. Fire Pump Room, Single Storied RCC (Construction: February, 2021 to August, 2021 & Occupied: November, 2021. Total area=46 SQM, Design approved date not found during inspection, New construction)
6. Security Post, RCC Structure(Construction: January, 2020 to March, 2020 & Occupied: March, 2020. Total area=12 SQM, Design approved date not found during inspecion, Interim construction)
7. Wastage Shed (Shed-4), Steel structure (Construction: April, 2023 to May, 2023 & Occupied:May, 2023. Total area: 38 SQM, Design approved date not found during inspection , New construction)
8. Toilet Shed (Shed-5), Steel Structure(Construction: Nov, 2021 to Feb, 2022 &Occupied: June, 2022. Total area: 208 SQM, Design approved by Gazipur city corporation / October, 2005 Exiting construction)

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Points of contact:

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GLOBAL FIT (BANGLADESH) LIMITED
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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: Finding & recommendation for all building

Sl No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. Location: Ground Floor of Office building through PVC pipe of toilet.	Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation at least by 2-hr. The used sealer shall be 3rd party certified and installation shall be as per manufacturer's datasheet. Or Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 3 months
				

F-2	Fire rated construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: Ground floor of Production shed.	Provide defined storage areas and limit the storage arrangement as follows: Maximum height of 2.45 m and maximum area of 23 m² and is separated by a minimum 3.0 m (10ft) from other storage areas and they do not exceed 10 percent of the building area of the story in which they occur. If sprinkler protected, Maximum height 12 ft (3.66 m) and maximum area of 1000 ft² (93 m²) and separated by a at least 25 ft (7.62 m) from other storage areas and does not constitute more than 10 percent of the building area or 4000 ft² (372 m²) of the sprinklered area, whichever is greater. or, Enclose the storage area from the surrounding occupancy with a minimum 1 hour fire rated construction.	Within 3 months
				

F-3	Fire Rated Construction	Boiler room & compressor room are not separated from production area due to non functional fire door. Location: Ground floor of main production shed.	Boiler & compressor 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.). 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-4	Fire Rated Construction	First floor of three storied office building is not separated from main production shed.	Separate the three storied office building from main production shed by minimum 2-hr fire rated construction.	Within 3 months



F-5	Fire rated Construction	Exterior exit stairs are not properly separated from the building. Location: Exit stair-2 of three storied office building.	Exterior exit stairs shall be separated from the building with a rating requirement of [1 hr. fire rating for 3 or fewer stories and 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
 				

F-6	Fire rated Construction	The exit stairs are not separated from [work areas, other spaces] on each floor by fire rated construction due to non-functional fire doors. Location: Office building	The exit stair enclosure shall be provided with a minimum of 1- hr. fire resistance rating with 60 minutes opening protection. The clearance under the bottom of a fire door shall be a maximum of 19mm. 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.	Within 3 months
 				

F-7	Mean of Egress	Exits are not remotely located from each other such that a single fire event could compromise both exits. Location: Three storied office building & single storied warehous shed.	Modify exit arrangement to meet RSC Technical Guideline (Standard) V1- 6.6.6. Or Provide additional exit(s) to meet RSC Technical Guideline (Standard) V1- 6.6.6.	Within 3 months
 				
F-8	Mean of Egress	Aisle mark are not provided at dining area at office building	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.).	Within 1 month



F-9	Means of Egress	Building did not have stair designation signs & exit designation signs at required locations. Location: Three storied office building	Provide stair designation sign & exit designation sign at each floor entrance from the stair to the floor in English and Bengali. Signs shall indicate the name of the stair and the floor level. Signs shall be posted adjacent to the door.	Within 1 month
F-10	Means of Egress	Building did not have occupant load signs at required locations. Location: All buildings	Post the occupant load 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 1 month
F-11	Mean of Egress	Updated fire evacuation maps is not posted at the entrance of all exit stair. Location: All buildings	Fire evacuation maps shall be posted at the entrance to each exit stair.	Within 1 month

F-12	Egress lighting	Directional signs are not provided where direction of the path of travel to an exit has changed. Location: All buildings	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 1 month
F-13	Egress lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes . Location: All buildings	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 1 month
F-14	Emergency Lighting	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The RSC standard. Location: All buildings	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The RSC standard. Keep written records on-site.	Within 1 month

F-15	Fire Alarm & Detection System (FADS)	Addressable fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standard. Location: All buildings	Submit design, documents and calculations to RSC for review prior and based on the review modify the system if there is any. After 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 within 3 months (If require).
				
F-16	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 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 standard.	Within 1 Month after modification(If require).

F-17	Fire Protection System(ITM of Extinguisher)	Inspection, testing, and maintenance of the extinguisher system is not in accordance with NFPA 10 or as per RSC standard.	Inspect, test and maintain the extinguisher system, and keep written records on-site, in accordance with NFPA 10 or as per RSC standard.	Within 1 month
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