

INITIAL FIRE SAFETY INSPECTION REPORT

DYNAMIC SWEATER INDUSTRIES LIMITED (DHAKA SWEATER) (Extension)

RSC ID: 25508

10, Ganda, Savar, Dhaka-1340

23°49'40.5"N 90°15'40.2"E

Other Factories: DYNAMIC SWEATER INDUSTRIES LIMITED (DHAKA SWEATER)(ID-12088)



Inspected By: Nainin Nowrose

Date: 05 February 2024

Fire Safety Inspection Report

DYNAMIC SWEATER INDUSTRIES LIMITED (DHAKA SWEATER) (Extension)

Introduction:

DYNAMIC SWEATER INDUSTRIES LIMITED (DHAKA SWEATER) (Extension) complex was surveyed for fire safety on **05/02/2024** 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): There is one (1) structure in the premises under this ID.

1. Finished Goods Warehouse: Single storied steel shed

Construction: Jun, 2012 to May, 2013 & Occupied: Mar, 2021

Construction Period: Existing.

Total area of the Shed: 1,584.75 sqm.

Factory Address: 10, Ganda, Savar, Dhaka-1340

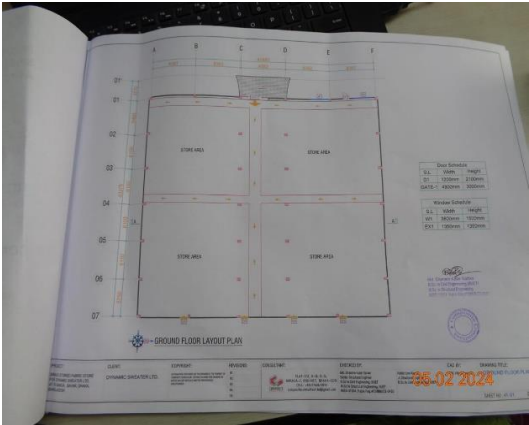
Findings & Recommendations :

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 review.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Egress Lighting	The directional signs are not provided where there is a change in direction and where the continuation of the egress path is not obvious.	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-2	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 1 month

				
F-3	Means of Egress	Travel distance of egress exceeds limit on the Finished goods warehouse.	Reconfigure the egress arrangement or provide an additional exit so that the travel distance for group H occupancies shall not exceed 30m (100ft).	Within 3 months
				

F-4	Means of Egress	In Finished goods warehouse dead-end aisles exceeds 15 m (50 ft) limit and Exits are not remotely located from each other such that a single fire event could compromise both exits.	Reconfigure the egress arrangement to reduce the maximum dead-end distance to not more than 15 m (50 ft) in accordance with RSC Technical Guideline (Standard) 6.13.3. Modify exit arrangement to meet RSC Technical Guideline (Standard) 6.6.6. or Provide additional exit(s) to meet RSC Technical Guideline (Standard) 6.6.6.	Within 3 months
 				
F-5	Means of Egress	Occupant load signs at required exits are not posted in accordance with the RSC Technical Guidelines (Standard V1.0) section 6.4.4.	Provide occupant load signs at required locations.	Within 1 month

F-6	Fire Alarm and Detection System (FADS)	The addressable fire alarm and detection system integrally installed with an existing ID(12088) buildings which has gone through Pre T&C process and currently under Full T&C VI stage.	The outstanding issues related to the system shall be remediated following the last Pre T&C report of ID-12088 and apply RSC for Full T&C VI. The design and documents shall be updated combinely with old ID.	within 1 Month
				
F-7	ITM of Fire Alarm and Detection System (FADS)	Inspection, testing and maintenance for the fire detection and alarm system was not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72.	1 Month after installation.