

INITIAL FIRE SAFETY INSPECTION REPORT

PNG (BD) Ltd (Extension 2)

RSC ID: 25926

GPS Coordinates: 22.941250, 91.555676

Sattaroa, Karerhat, Jorarganj, Mirsarai, Chittagong, Bangladesh

Other Factories: Yes (1. 22992_PNG (BD) Ltd. & 2. 24471_PNG (BD) Ltd. (NEW SHED))



Inspected By: Md. Golam Kibria

Date: 10-Dec-2024

Fire Safety Inspection Report

PNG (BD) Ltd (Extension 2)

Block-B, Plot-D (2-3) BSCIC Industrial Estate, Textile Gate, Nasirabad, Chattogram

Introduction:

PNG (BD) Ltd (Extension 2) complex was surveyed for fire safety on **10-December-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

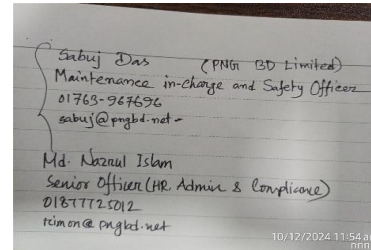
The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The RSC cannot accept general 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

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category	Floor Area & Height
1	Finish Goods Shed	October-2023 to May-2024	Not Approved Yet	August, 2024	Steel	New	Area:15246 sft.; Height (Peak): 32 ft 2 in.

Points of contact:

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Findings & Recommendations :

The following Table 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:

Sl No.	Category	Findings	Required Action	Remediation Time Frame
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F-01	Fire Alarm & Detection System (FADS)	Automatic fire alarm and detection system installation was found ongoing which requires detailed review to confirm the compliance with NFPA 72 and The RSC Technical Guidelines (Standard). Note: This FACP also serves the previous 2 IDs: 1. 22992_PNG (BD) Ltd. & 2. 24471_PNG (BD) Ltd. (NEW SHED). Actually, FADS is connected to this extension ID from the extended loop of previous IDs as per factories statement.	Addressable fire alarm and detection systems shall be installed throughout all buildings and structures. Submit the proposed fire alarm system design to RSC for review. Once the design is reviewed, install the fire detection and alarm system throughout the building in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72. After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing.	Design within 2 months and modification/ installation with 4 months
				
F-02	Inspection, Testing and Maintenance (ITM) of 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-03	Means of Egress	The exit discharge paths serving the North-East exit were found obstructed by worker transportation bus.	Remove the obstruction and level exit discharge path. Means of egress shall be maintained continuously free and clear of all obstructions or impediments to full instant use in the case of fire or other emergency.	Within 1 month
 				

F-04	Means of Egress	The shed did not have occupant load signs at required locations.	Provide occupant load signs at floor entrance in English and Bengali. Signs shall be posted adjacent to the exit door.	Within 1 month
F-05	Means of Egress	No fire evacuation plan is found in the factory during the inspection.	Fire evacuation plan shall be developed and kept in the factory. The evacuation plan shall include provisions to assist physically disabled persons. Fire evacuation maps shall be posted at the entrance to each exit.	Within 1 month
F-06	Means of Egress	No aisles marking are found in the floor.	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.).	within 3 months
 				
F-07	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 at entire floor and provide emergency lights/fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 2 months

 				
F-08	Egress Lighting	Exit signs as well as directional exit signs are not provided at several location where required.	Illuminated exit signs and 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 2 months
 				
F-09	Human Element Programmes	Fire drills are not performed as required by RSC standard.	Fire drills shall be conducted on a quarterly basis in accordance with section 13.2 of RSC Technical Guidelines (Standard) ¹ V1.0.	Within 1 month

F-10	Human Element Programmes	The required no smoking signs are not present in the building.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs.	Within 1 month
F-11	Inspection, Testing and Maintenance (ITM) of Emergency light and Exit Sign	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with the RSC standard. Keep written records on-site.	Within 3 months
F-12	Fire Extinguisher	Fire extinguishers were not provided as per standard.	Portable Fire Extinguishers shall install as per RSC Technical guidelines (Standard) 5.6. Extinguishers shall be placed so that maximum travel distance to the nearest unit shall not exceed 30 m (100ft). Mounting height shall meet RSC Technical guidelines (Standard) 5.6.2.1 & 5.6.2.2	Within 2 months
F-13	Inspection, Testing and Maintenance (ITM) of 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 on- site, in accordance with NFPA 10 and RSC standards.	Within 1 month (after installation)