

FIRE SAFETY INSPECTION REPORT

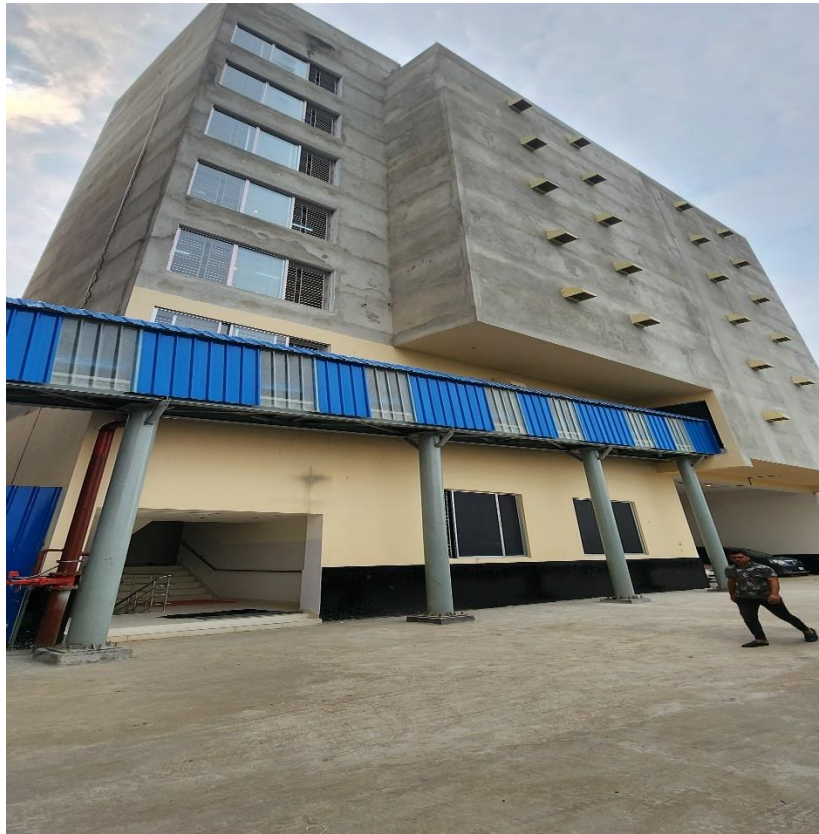
BANDO DESIGN LTD. (Extension 2)

Factory ID: 24742

Purba Narsinghapur, Earpur Union Parishad Road, Ashulia, Savar

23.932516368294145, 90.30041273802426

Other Factories: None



Inspected by: Md. Rakibul Alam, Md. Kawsar Rubaiat & Mahbub Alam

Date: 10 October 2023



Fire Safety Inspection Summary Report

BANDO DESIGN LTD. (Extension 2)

Summary

BANDO DESIGN LTD. (Extension 2) complex was surveyed for fire safety on 10 October 2023 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.

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.

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 approval.



Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Protection	The fire alarm and detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard).	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and then approval/acceptance test.	Drawing Within 2 months Install Within 3 months
<div style="display: flex; justify-content: space-around;">   </div>				
F-2	Fire Protection	The fire pump set installation requires detailed review to confirm compliance with NFPA 20 and RSC Technical Guidelines (Standard).	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and then approval/acceptance test.	Drawing Within 2 months Install Within 3 months





F-3	Fire Protection	The firefighting system (standpipe system) installation requires detailed review to conform compliance with NFPA 14.	Submit as built drawing, testing records, equipment certification and all relevant documents to the RSC for review, approval and acceptance test.	Drawing Within 2 months Install Within 3 months
-----	-----------------	--	---	--



F-4	Fire Protection	Inspection, testing and maintenance of the automatic fire alarm system.	Inspect, test and maintain the automatic fire alarm system and keep written records on-site, in Accordance with NFPA 72.	Within 2 months
-----	-----------------	---	--	-----------------



F-5	Fire Protection	Inspection, testing and maintenance of the fire standpipe system.	Inspect, test and maintain the automatic protection system and keep written records on-site, in Accordance with NFPA 14 and NFPA 25.	Within 2 months
F-6	Fire Protection	Inspection, testing and maintenance of the fire pump system.	Inspect, test and maintain the fire pump system and keep written records on-site, in Accordance with NFPA 20 and NFPA 25.	Within 2 months
F-7	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures and separation walls.	Seal all penetrations and openings in exit stair enclosure and separation walls to maintain the required fire separation. Penetration is prohibited into and through an exit enclosure as per RSC 6.14.4. Remove the electrical cables and IT establishments from exit stair enclosures.	Within 2 months



F-8	Egress	Building did not have occupant load sign at required locations.	Provide occupant load sign, stair & floor designation signs at required locations.	Within 1 month
-----	--------	---	--	----------------

F-9	Fire Rated Construction	Exit doors are provided with 2 hr fire rated doors however fire door accessories are not working as required.	<p>Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr fire-rated construction. Provide minimum 1.5- hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation (10" wall).</p> <p>Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies.</p> <p>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.</p> <p>Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets RSC 6.8.3.1.</p>	Within 1 month
-----	-------------------------	---	---	----------------





F-10	Egress	Fire evacuation maps is not posted at the entrance of the exits at all floors.	Fire evacuation maps shall be posted at the entrance to each exits and exit stairs and maps shall be updated regularly when required.	Within 1 month
------	--------	--	---	----------------

F-11	Egress Lighting	Emergency lighting did not function in test mode (burned out, broken, etc.).	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 1 month
------	-----------------	--	---	----------------

