

FIRE SAFETY INSPECTION REPORT

BANDO DESIGN LTD. [NEW BUILDING]

ACCORD ID: 22989

**PURBA NARSINGHAPUR, EARPUR UNION PARISHAD ROAD, ASHULIA, SAVAR, 1349, DHAKA
(23.9326448,90.3003974)**

Other Factories: None



Inspected By: Safawan Abyaz
Date: 20 November, 2017

Fire Safety Inspection Report

BANDO DESIGN LTD. [NEW BUILDING]

Introduction:

BANDO DESIGN LTD. [NEW BUILDING] was surveyed for fire safety on 20 November, 2017 by the Accord 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 Accord. 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 Accord 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.



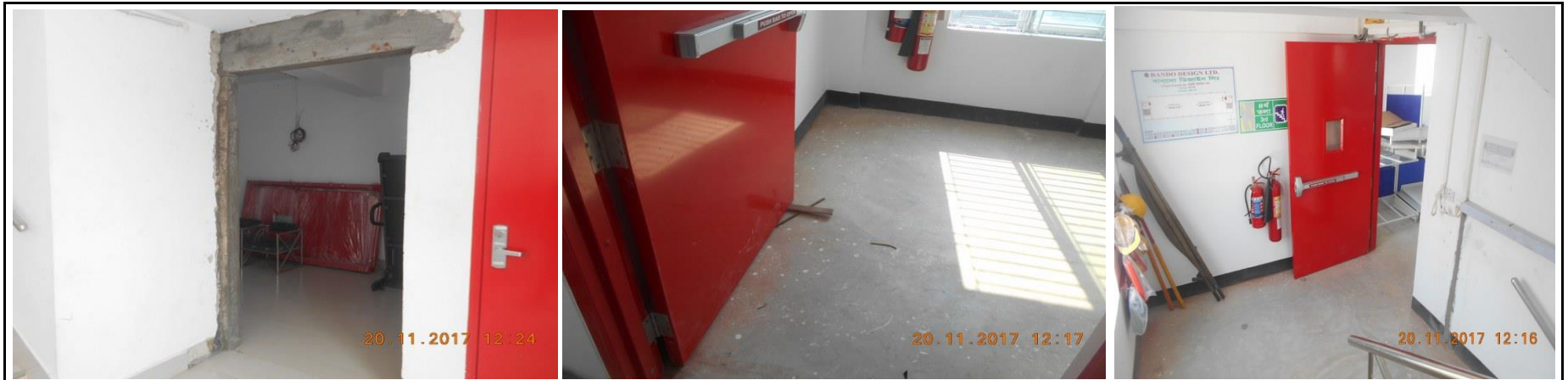
Findings & Recommendations :

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 Accord for approval.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The existing fire doors provided at exit stairs were held open in unacceptable means in some cases, compromising the function of self closing of fire door leaves. The door holding devices were not interfaced with the fire alarm control panel. An unprotected opening was observed at the gymnasium at ground floor.	<p>If fire rated doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.</p> <p>Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.</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 ACCORD standard 6.8.3.1</p> <p>Each & every component of fire doors shall be put through proper maintenance for proper functioning & sustainability.</p>	Within 3 months





F-2	Fire Detection & Alarm System	The factory is not provided with any kind of fire detection & alarm system.	<p>Design and install an addressable fire detection & alarm (Audio & Visual) system in compliance with NFPA 72 & Accord standards. Submit the design to Accord for review and approval before installation.</p> <p>Upon approval & installation/modification the owner shall contact the Accord prior to conducting the final acceptance testing of the fire detection & alarm system installation.</p>	Design within 4 months; Installation within 9 months
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F-3	Fire Protection System	The existing factory building has an occupied floor greater than 10 meter (33 feet) and is not provided with standpipe system.	<p>Install a new class III standpipe system & fire department (Siamese) connection in accordance with NFPA 14. The standpipe system shall be connected to a dedicated fire pump meeting minimum hydraulic demands of NFPA 14 & Accord standard at the required points. Installation of the fire pumps shall be as per NFPA 20. Submit the design to Accord for review and approval before installation.</p> <p>Upon approval & installation the owner shall contact the Accord prior to conducting the final acceptance testing of the standpipe system installation.</p> <p>Also inspect, test and maintain the standpipe system & fire pumps, and keep written records on-site, in accordance with NFPA 14, 20, 25 and ACCORD standards.</p>	Design within 3 months; Install within 6 months.
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