

INITIAL FIRE SAFETY INSPECTION REPORT

B2B Excellence Ltd. (Extension Buildings)

RSC ID: 24280

Mirzapur Purbapara, 8 No Mirzapur Mowza, Mirzapur.

Other Factories: B2B Excellence Ltd. (9691)



Inspected By: Pantha Pallob Das, Sadid Rahman & Md. Khalaquzzaman

Date: 15-Nov-2021

Fire Safety Inspection Report

B2B Excellence Ltd. (Extension Buildings)

Introduction:

B2B Excellence Ltd. (Extension Buildings) complex was surveyed for fire safety on 15/11/2021 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 are total 6 structures under this ID, among those one is main and remaining's are ancillary.

1. Cutting Shed
2. Two Storied RCC Building
3. CNG Vehicle Room & Fabric Store
4. Compressor & Boiler Shed
5. Wastage Shed
6. Kitchen Shed

Factory Address: Mirzapur Purbapara, 8 No Mirzapur Mowza, Mirzapur.

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: Findings & Recommendations of Cutting Shed, Two Storied RCC Building, CNG Vehicle Room & Fabric Store, Compressor & Boiler Shed, Wastage Shed.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The sheds are newly constructed where structural members are constructed by steel (except columns for Cutting Shed) and have been found in exposed condition without any fire protection. Location : Cutting Shed, Fabric Store & Wastage Shed.	New constructed building shall be type-1 or type-2 construction as per Table 3.2.4 of BNBC-2006. Provide required fire rating on the structural elements by following Section 4.4 and Table 4.4.1 of the Accord Standard or Table 3.3.1 and Table 4.1.1 from BNBC Part 4. Consult a qualified fire protection engineer to design the rated construction.	Within 6 months



F-2	Fire Rated Construction	Boiler and air compressor room are not properly separated from each other by fire rated construction	Boilers or other heat producing equipment 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.) should be protected by 0.75-hr (45 min) fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.	Within 3 months
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F-3	Fire Rated Construction	Compressed Natural Gas (CNG) cylinders were located within the factory near fabric store.	1. The storage building must be at least 3 meters away from any other building and boundaries. 2. The exterior walls of the building must have a fire resistance rating of 3 hours using noncombustible construction. 3. Doors and other openings in the exterior walls must be protected with suitable closing devices having a fire protection rating of 3 hours. 4. The building is to be used for no other purpose than the storage of LPG/CNG cylinders. 5. The building must be mechanically ventilated to control the accumulation of flammable vapors. 6. The installations must be approved and accepted by the requirements of the AHJ, Gas supply company regulations, manufacturers/supplier's instructions/guidance, Chief Inspector of Boiler (CIOB) and Chief Inspector of Explosives Bangladesh (CIEB).	Within 1 month
				

F- 4	Fire Alarm & Detection system	An addressable fire alarm & detection system has been found installed which is required to be reviewed and verified.	Submit the proposed design of Addressable fire alarm system to RSC in accordance with NFPA 72. Installation shall be as per the reviewed design with a listed Addressable Fire Alarm System. Submit drawings, calculations, equipment datasheets, certification and other relevant documentation to the RSC prior installation for review.	Design Review within 2 months and installation within 4 months.
				
F- 5	Inspection Testing and Maintenance of Fire Alarm and Detection System (ITM)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72. (After Installation)	Within 1 month after installation.

F- 6	Human Element Program	"No Smoking" Sign has not been found on all factory floor.	Smoking shall be prohibited in any garment factory building, separate storage building, or any building or area where the Inspector of the Factories Rules (1.6.3.7) Part 53 requires that smoking be prohibited. Signs shall be posted in Bengali and English at all building entrances. If an Owner creates a designated smoking area outside the buildings, information on the location of these designated areas shall be posted on the signs required in 13.5.2.	Within 1 month
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