

INITIAL FIRE SAFETY INSPECTION REPORT

Absolute Qualitywear Ltd.

RSC ID: 24521

Tek Kathora, Salna Bazar, Salna, Gazipur Sadar, Gazipur.

Other Factories: N/A



Inspected By: Mahfuza Khanom & Meher Sultana Moitry

Date: 18 December, 2022

Fire Safety Inspection Report

Absolute Qualitywear Ltd.

Summary:

Absolute Qualitywear Ltd. was surveyed for fire safety on 18/12/2022 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 six structure under this ID.

The name of the structures are as:

1. Building 1 (Production) [Single Storied Steel structure]
2. Building 2 (Office) [2 Storied Steel Structure Building]
3. Building 3 (Utility) [Single Storied RCC Building]
4. Ancillary Building 1 (Security post 1) [Single Storied RCC Building]
5. Ancillary Building 2 (Security post 2) [Single Storied RCC Building]
6. Ancillary Building 3 (Wastage Jute Room) (Single Storied Shed)



Findings & Recommendations :

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Rooms used for storage of combustible materials located at several floors are not separated from the surrounding occupancy/areas. Location: Building 1 (Production)	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months
				

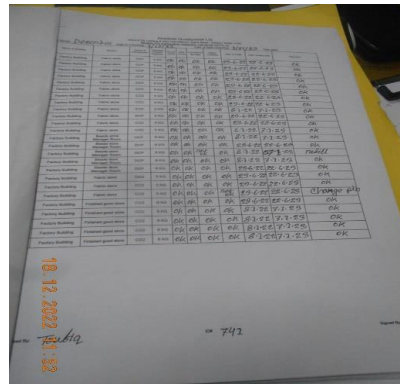
F-2	Fire Rated Construction	<p>The exit discharge path (North side of Building 1) is less than 10 ft wide and is not separated from the building interior.</p> <p>Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft. to provide a minimum 1-hr fire separation.</p> <p>Alternatively, provide a second remote discharge path to the public way.</p> <p>Within 3 months</p>
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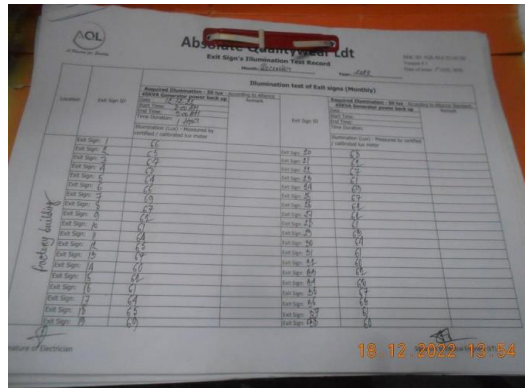
F-3	Fire Rated Construction	<p>The Main Production shed (Building 1) and Office building (Building 2) are constructed in interim period where structural members are constructed by steel and have been found in exposed condition without any fire protection.</p>	<p>Interim construction shall be type-1 or type-2 construction in accordance with the RSC Technical Guidelines (Standard) 3.5.2.1 and BNBC 2006 Part-2, Table-3.2.4.</p> <p>Construction of new non-high-rise buildings containing J occupancies (chemical store) shall be Type 1 construction [RSC Technical Guidelines (Standard) 3.5.2.2]. Provide required fire rating on the structural elements by following Section 4.4 and Table 4.4.1 of the RSC Technical Guidelines (Standard) or Table 3.3.1 and Table 4.1.1 from BNBC 2006 Part 4.</p> <p>Consult a qualified fire protection engineer to design the rated construction barriers in between two floors and in structural members.</p>	Within 6 months
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F-4	Fire Alarm & Detection System	<p>Fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standards).</p>	<p>Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval;</p> <p>modification (if required) shall have to done as per the reviewed design and standard.</p>	<p>Design within 2 months, Installation/ Modification within 4 months</p>



F-5	Fire Alarm & 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.	Within 1 month (after installation)
F-6	Fire Protection System (ITM)	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.	Within 3 months



F-7	Egress Lighting (ITM)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC Technical Guidelines (Standard).	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with the RSC Technical Guidelines (Standard) . Keep written records on-site.	Within 3 months
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F-8	Egress Lighting	Manual on-off switch is provided for [emergency lighting / exit signage] units. Location: Building-1 (Production) & Building-2 (Office)	Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off.	Within 1 month
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F-9	Egress	<p>A single means of egress is provided from worker dining located at ground floor, where the occupant load exceeds 49 person and does not meet the RSC Technical Guidelines (Standard) 6.6.2.</p> <p>Location: Ground floor in Building-2 (Office).</p>	<p>Maintain maximum 50 occupants having a travel distance of 23m (75 ft).</p> <p>Or,</p> <p>Provide additional means of egress.</p>	Within 3 months
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