

INITIAL FIRE SAFETY INSPECTION REPORT

Confidence Texwear Ltd.

Factory ID: 24120

Shirirchala, Bhabanipur, Gazipur Sadar, Gazipur.

24.168295, 90.419632

Other Factories: None



Inspected By: Mohammad Anayet Hossain & Md. Sadid Rahman

Date: 8-Feb-2021

Fire Safety Inspection Report

Confidence Texwear Ltd.

Introduction:

Factory ID: 24120

Confidence Texwear Ltd. complex was surveyed for fire safety on 8/Feb/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): Confidence Texwear Ltd.

1. Building 1- Main Building (6 Storied RCC)
2. Building 2- Utility Building (Single Story RCC)
3. Building 3- Security Building (Single Story RCC)
4. Building 4-(Single Story RCC)
5. Building 5- (Single Story RCC)
6. New Fabric Shed (Single Story Steel Structure)

Factory Address: Shirirchala, Bhabanipur, Gazipur Sadar, Gazipur.

Findings & Recommendations :

Factory ID: 24120

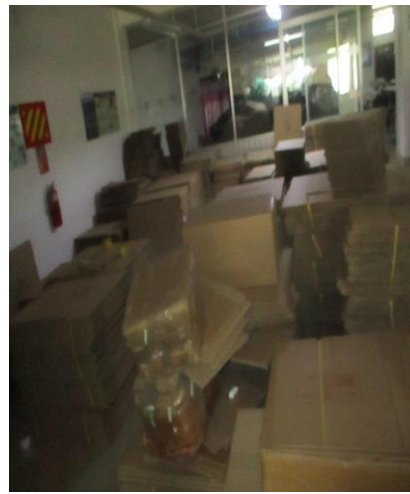
Table-1: Findings & Recommendations

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction.	<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>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>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>	Within 3 months



F-2	Fire Rated Construction	Unsealed penetrations and openings are located in the exit stair enclosures. Location: 1st Floor, Stair-1	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations.	3 Months
				

F-3	Fire Rated Construction	Areas used for combustible storage located at several floors are not separated by fire rated construction.	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"> - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² 	Within 3 months
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F-4	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction located at several floors.	Separate the dedicated storage rooms by minimum 1-hr fire-rated construction. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction.	Within 3 Months
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F- 5	Egress	Egress obstruction has been observed on Stair Encloser.	Remove all obstruction/storage from means of egress which shall be maintained continuously free and clear of all obstructions/storage.	Immediately
				
F-6	Egress	Means of Egress obstruction has been observed.	Remove all obstruction/storage from means of egress which shall be maintained continuously free and clear of all obstructions/storage.	Immediately



F-7	Egress	<p>Common path of egress travel exceeds 23 meter. Location: Ground Floor (Circular Knitting Area)</p>	<p>Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 23 meter.</p>	<p>Within 3 months</p>
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F-8	Egress	Egress doors and gates with locking features are provided at building exits.	Remove locking features from all egress doors and gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101 and ACCORD standard 6.8.2.	Immediately
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F-9	Egress	Sliding doors/gates with locking features has been observed along egress routes.	<p>Replace all collapsible gates/ sliding doors along the means of egress with side-hinged, swinging egress doors.</p> <p>Remove locking features from all egress doors/gates. If locks are required for security reasons, utilize specialized door locking features complying with NFPA101.</p>	Within 1 Months
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F- 10	Egress	Handrails are not provided on both sides of the exit stair.	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.).	Within 1 month
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F- 11	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 on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 3 months
F- 12	Maintenance of the emergency lighting system	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months

F-13	Fire Protection	Portable fire extinguisher was not provided on number of floors	Portable fire extinguishers shall be installed throughout all new and existing facilities in accordance with BNBC Part 4 Section 4.10 and NFPA 10.	Within 3 month
				
F- 14	Inspection Testing and Maintenance of Portable Fire Extinguisher. (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 onsite, in accordance with NFPA 10.	Within 3 month

F- 15	Fire Protection System (Standpipe)	The building with an occupiable floor greater than 10 m (33 ft) above the finished grade is not protected with an approved standpipe system. Fire pump, water supply & standpipe system installation requires detailed review to confirm compliance with NFPA 14, 20, 22, 25 and ACCORD standards.	Submit as built drawings, testing records, listing information and other relevant documentation to the RSC for review and approval, modification shall have to done as per the reviewed design (if required).	Design Review within 2 months and installation/modification within 6 months.
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F- 16	Inspection Testing and Maintenance of Standpipe System (ITM)	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 and ACCORD standards (After installation).	Within 1 month
F- 17	Inspection Testing and Maintenance of Fire Pump System (ITM)	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 20.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 20 and ACCORD standards (After installation).	Within 1 month
F-18	Egress	Building did not have stair designation signs and occupant load signs at required locations on all floors	Provide stair designation signs and occupant load signs at required locations.	Within 1 month
F- 19	Evacuation Map	Fire evacuation map is not posted at the entrance of all exit stair.	Fire evacuation maps shall be posted at the entrance to each exit stair..	Within 1 months

F- 20	Egress Lighting	Exit sign not provided at exit.	<p>Illuminated exit signs shall be placed at entrance to an exit. Additional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious. Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.</p>	Within 1 month
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F- 21	Fire Alarm & Detection system	Installation of an addressable fire alarm & detection system has been found ongoing which is required to be reviewed and verified.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review, modification (if required) shall have to done as per the reviewed design and NFPA-72 with a listed Addressable Fire Alarm System. Upon approval & modification (if required) the factory shall inform RSC to conduct final testing and commissioning verification of the system for final acceptance.	Design Review within 2 months and installation within 6 months.
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F- 22	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.
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