

INITIAL FIRE SAFETY INSPECTION REPORT

Crown Exclusive Wears Ltd. (Extended Building)

RSC ID: 24039

Mawna, Sreepur, Gazipur Bangladesh.
Google Coordinates: 24.226907, 90.3942747

Other Factories: None



Inspected By: Mahfuza Khanom & Md. Kamrul Hasan
Date: 02 December 2020

Summary Report

Factory Name: Crown Exclusive Wears Ltd. (Extended Building)

Summary:

Crown Exclusive Wears Ltd. (Extended Building) complex was surveyed for fire safety on 02/12/2020 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.

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.

Findings & Recommendations :

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Exit stairs are not separated from work areas and other spaces on each floor by fire rated construction due to unprotected openings and penetrations.	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. The clearance under the bottom of a fire door shall be a maximum of 3/4 in. (19 mm). 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. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with reentry unless it meets ACCORD standard 6.8.3.1.	Within 3 months



2	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas. Location: Ground floor	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 2 hour construction and provide direct and safe discharge for the occupants.	Within 3 months
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3	Fire Alarm & Detection system	The fire alarm and detection system installation requires detailed review to confirm compliance with NFPA 72 and Accord standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval; modification (if required) shall have to done as per the reviewed design and standard.	Design within 2 months, Installation/ Modification within 4 months
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4	Fire Protection	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 (if required) shall have to done as per the reviewed design and standard.	Design within 2 months, Installation/ Modification within 6 months
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5	Fire Protection (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.	Within 1 month
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6	Egress	Elevator installed in exit stair enclosure and not fire rated.	Modify the elevator and stair enclosure arrangement in a way to satisfy Accord standard 6.14.3. Elevator shall not open into an exit enclosure. Elevator landing door shall be of 1.5-hr fire rated.	Within 4 months
				

7	Egress Lighting	Exit sign not provided at exit. Location: Ground floor	Lighted 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.	Within 1 month
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