

INITIAL FIRE SAFETY INSPECTION REPORT

HASAN TANVIR FASHION WEARS LTD. (EXTENSION)

RSC ID: 26034

Geographical Coordinates: 23.989901, 90.386679

Address: 397 Chandona Chowrasta, Joydevpur Road, Gazipur-1702, Bangladesh.

Other Factories: HASAN TANVIR FASHION WEARS LTD. (ID-11229)



Inspected By: Muntasir Ahmad Nasif

Date: 16-Mar-2025

Fire Safety Inspection Report

HASAN TANVIR FASHION WEARS LTD. (EXTENSION)

Introduction:

RSC ID : 26034

HASAN TANVIR FASHION WEARS LTD. (EXTENSION) complex was surveyed for fire safety on **16-Mar-2025** 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

There are total 3 structures covered under this RSC ID 26034. The buildings are as below:

SL No	Building Name & Type	Building Construction Period	Approval Date & Authority	Occupied	Area (Sq.ft.)	Construction Category
1	Name: Building-1 (Finished Goods Store) Type: Single storied Steel Shed	Jun-2023 to Oct-2024	22-Oct-2020 (RAJUK) 06-Mar-2024 (DIFE)	Nov-2024	9253	Interim
2	Name: Building-2 (Security & Fire Control) Type: Two Storied RCC	Feb-2018 to Jun-2018		Jul-2018	246	Interim
3	Name: Building-3 (Fire Pump House) Type: Single storied (RCC) with basement	Dec-2018 to May-2019		Jun-2019	527.96	Interim

Factory Address: 397 Chandona Chowrasta, Joydevpur Road, Gazipur-1702, Bangladesh.

Points of contact:

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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 RSC for review.

Table-1: All structures in this ID-26034.

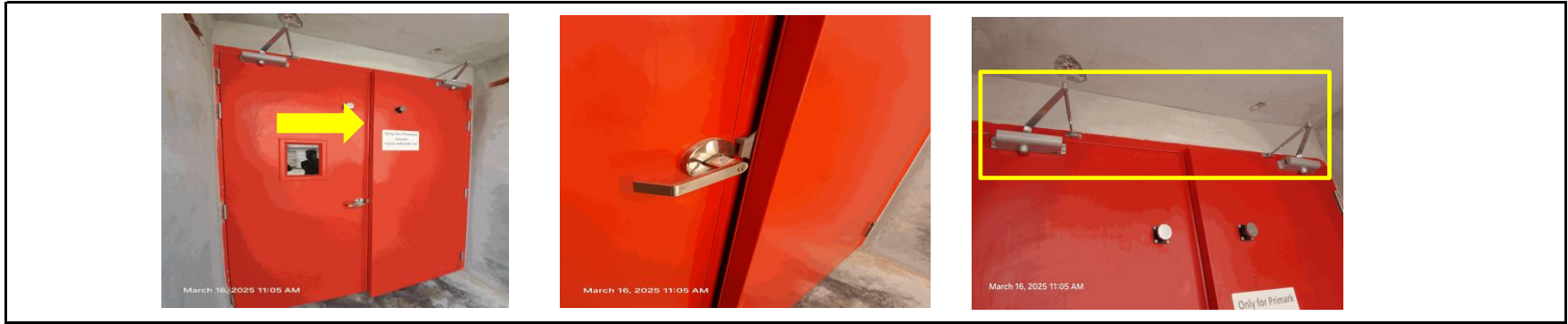
SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Fire Rated Construction	The fire pump room is not provided with adequate fire separation from Finished Goods Store Shed due to unprotected openings within 4 ft 5 inch. Locations: South side of Fire pump house at ground floor.	Provide fire pump room with 2 hr. rated fire separation when not sprinklered and 1 hr. rated fire separation when provided with automatic sprinklers in accordance with NFPA 20. Or, Physically separate the pump room from the protected building by a minimum of 50 ft. (15.3 m) in accordance with NFPA 20. Direct exit from the fire pump room shall be provided.	Within 3 months



F-02	Fire Rated Construction	<p>The required fire separation distance for Building-01 does not comply with the requirements of BNBC 2020.</p> <p>Available Proximity (Fire separation distance): North = 4 ft 5 inch from Fire Pump House, East = 8 ft 7 inch from Boundary Wall, South = 52 ft from Wastage Shed and 60 ft from Boundary Wall, West = 8 ft 8 inch from Boundary Wall.</p> <p>Location: Finished Goods Store Shed.</p>	<p>The exterior walls shall have a fire resistance rating and opening protection as specified in BNBC 2020 Part 3 Table 3.2.2 & 3.2.3 and BNBC 2020 Part 3 Section 2.4.1.3.</p>	<p>Within 6 months</p>
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F-03	Fire Rated Construction	<p>Installed fire doors are not functional properly due to non-functional door accessories including door co-ordinators, closing device, magnetic door holders and panic hardwares. Credible certifications required.</p>	<p>Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit panic) hardware where serving production floors. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system. The clearance under the bottom of a fire door shall be a maximum of 3/4 in. (19 mm).</p>	Within 2 months
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F-04	Means of Egress	Aisles marking was not provided on several areas. locations: Finished Goods Store Shed.	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.) in accordance with section 6.5.1 of RSC Technical Guidelines (Standard) ¹ V1.0.	Within 1 month
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F-05	Means of Egress	Updated evacuation map is not posted at the entrance of all exit stairs on each floors.	Update the fire evacuation map and shall be posted at the entrance to each exit stair in accordance with RSC Technical Guidelines (Standard) ¹ V1.0 Section 13.3.	Within 1 month
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F-06	Means of Egress	Building did not have updated occupant load signs at all required locations on each floors.	Post the occupant load for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space in accordance with RSC Technical Guidelines (Standard) ¹ V1.0 Section 6.4.4.	Within 1 month
F-07	Means of Egress	The directional signs are not provided where there is a change in direction and where the continuation of the egress path is not obvious.	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious in accordance with RSC Technical Guidelines (Standard) ¹ V1.0 Section 6.11.3.	Within 1 month
				
F-08	Means of Egress	Illuminated Exit signs are not provided at all exits.	Lighted exit signs shall be placed at entrance to an exit. Additional directional 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 at all times. Exit Sign shall provide in accordance with RSC Technical Guidelines (Standard) ¹ V1.0 Section 6.11.	Within 1 month

F-09	Means of Egress	<p>Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: Each floors.</p>	<p>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. Illumination on means of egress shall meet in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 10.12.2.</p>	Within 1 month
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F-10	Inspection, Testing & Maintenance (Fire)	<p>Inspection, testing, and maintenance for the exit sign and emergency lighting system were not in accordance with the RSC Technical Guidelines (Standard).</p>	<p>Inspect, test and maintain the exit sign and emergency lighting system in the accordance with the RSC Technical Guidelines (Standard)¹ V1.0. Keep written records on-site.</p>	Within 1 month

F-11	Fire Alarm & Detection System (FADS)	Automatic fire alarm & detection system installation requires detailed review to confirm compliance with NFPA-72 and RSC Technical Guidelines (Standard).	<p>Submit the fire alarm and detection system design to RSC for review.</p> <p>Once the design is reviewed, install and modify the fire detection and alarm system throughout the building in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72.</p> <p>After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing.</p>	Design within 2 month and modification/ installation with 4 months
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F-12	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance for the fire alarm system is not in accordance with NFPA 72 and The RSC Technical Guidelines (Standard).	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with NFPA 72 and RSC Technical Guidelines (Standard) ¹ V1.0.s.	Within 1 month (after installation)
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F-13	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 25.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 25 and RSC Technical Guidelines (Standard) ¹ V1.0.s.	Within 1 month (after installation)
F-14	Inspection, Testing & Maintenance (Fire)	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 and RSC Technical Guidelines (Standard).	Within 1 month