

INITIAL FIRE SAFETY INSPECTION REPORT

A.T.S. Apparels Limited (Extension)

RSC ID: 26546

Geographical Coordinates: 24.01682487857511, 90.30293470205864

Address: 414, Kouchakuri, Telirchala, Mouchak, Kaliakoir, Gazipur.

Other Factories: A.T.S. Apparels Limited (RSC ID - 9734)



Inspected By: Mohammad Anayet Hossain & Dilip Kumar Mondal

Date: 23-Dec-2025

Fire Safety Inspection Report

A.T.S. Apparels Limited (Extension)

Introduction:

A.T.S. Apparels Limited (Extension); complex was surveyed for fire safety on **23-Dec-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 one structures covered under this RSC ID-26546.

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Finished Goods Storage Shed-2, Two Storied (G+1). Total Floor Area: 12,060 Sq. ft.	Oct-2024 to Jul-2025	Approved from LGED, Kaliakoir, Gazipur on date -02-Jun-2025	Aug-2025	Steel	New Building

Factory Address: 414, Kouchakuri, Telirchala, Mouchak, Kaliakoir, Gazipur.

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: Production Shed.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Means of Egress	Width of aisles is less than 0.9m (36-in.). Location(s): Finished Goods Storage Shed-2.	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.	Immediately
				

F-2	Means of Egress	Handrails are provided on both sides of each exit stairs on all floors. But, handrails have a minimum height less than 34 in. (found 32 in.) and the guards have gaps that are too large (found 15 in.), allowing a sphere 200 mm (8 in.) in diameter to pass through. Location(s): Both exit stairs of Finished Goods Storage Shed-2.	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.). Open guards shall have intermediate rails or pattern such that a sphere 200 mm (8 in.) in diameter cannot pass through any opening up to a height of 865 mm (34 in.). Handrail shall construct in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.12.	Within 3 Months
				
F-3	Means of Egress	Uneven walking surface were found and exceed a slope of 1 in 20 in the direction of travel. Location(s): Ground Floor (Both exit) of Finished Goods Storage Shed-2.	Walking surfaces shall be mostly level; however, shall not exceed a slope of 1 in 20 in the direction of travel unless meeting the requirements for ramps in 6.10 shall meet the requirements for RSC Technical Guidelines (Standard)¹ V1.0 Section 6.3.4.2	Within 1 Month

				
F-4	Means of Egress	Illuminated Directional signs are not provided where direction of the path of travel to an exit has changed. Location(s): Finished Goods Storage Shed-2.	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-5	Means of Egress	Exit signage not illuminated during testing (burned out, broken, etc.). Location(s): Finished Goods Storage Shed-2.	Regularly inspect all exit signage as per RSC Technical Guidelines (Standard)¹ V1.0. and replace/install lights as needed to illuminate signs.	Within 1 Month
F-6	Means of Egress	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location(s): Finished Goods Storage Shed-2.	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.	Within 3 Months

F-7	Means of Egress	Building does not have occupant load signs at required locations on floor. Location(s): Finished Goods Storage Shed-2.	Post the occupant load sign for every 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-8	Means of Egress	Building does not have stair/floor level designation signs at required locations on all floors. Location(s): Finished Goods Storage Shed-2.	Provide stair designation sign at each floor entrance from the stair to the floor in English and Bengali. Signs shall indicate the name of the stair and the floor level. Signs shall be posted adjacent to the door in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.9.3.	Within 1 Month
F-9	Fire Rated Construction	The required fire separation distance does not comply with the requirements of BNBC 2020. Location(s): South & East sides of the Finished Goods Storage Shed-2.	The exterior walls shall have a fire resistance 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.	Within 6 Months



F-10	Fire Alarm & Detection System (FADS)	The factory has installed a fire alarm and detection system that requires a detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard). Location(s): Finished Goods Storage Shed-2.	Submit the fire alarm and detection system design to RSC for review. 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. After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing.	Design within 2 Months and modification/ installation with 4 Months
------	--------------------------------------	--	---	--



F-11	Inspection, Testing & Maintenance (Fire)	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 and RSC Technical Guidelines (Standard) ¹ V1.0.s.	Within 1 Month after installation
F-12	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 on-site, in accordance with NFPA 10 and RSC Technical Guidelines (Standard) ¹ V1.0.s.	Within 1 Month
F-13	Inspection, Testing & Maintenance (Fire)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC Technical Guidelines (Standard) ¹ V1.0.	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.	Within 1 Month