

INITIAL FIRE SAFETY INSPECTION REPORT

AMAN FASHIONS & DESIGNS LTD (EXTENSION)

RSC ID: 24858

ADDRESS: Nalam, Mirzanagar, Asulia, Savar, Dhaka

Other Factories: AMAN FASHIONS & DESIGNS LTD(ID-10602)



Inspected By: Md. Anisuzzaman & Muntasir Ahmad Nasif

Date: 02- November- 2023

Fire Safety Inspection Report

AMAN FASHIONS & DESIGNS LTD (EXTENSION)

Introduction:

AMAN FASHIONS & DESIGNS LTD (EXTENSION); complex was surveyed for fire safety on **02/11/2023** 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): Factory Building name(s): There are 4 structure under this ID-24858 which are listed below:

1. Single Storied socks & Tights shed Steel Structure(Construction: April 2022 to Jan 2023 & Occupied: Jan 2023, Total area 692.87 sqm & Design approved by PWD Savar,25/07/2023 , New construction)
2. Single Storied store building RCC structure (Construction: Oct 2015 to Sept 2016 & Occupied: Jan 2017, Total area 181.15 sqm & Design approved by PWD Savar,25/07/2023 , Interim construction)
3. Single Storied sub-station shed(Steel Shed on peripheral brick walls)(April 2022 to Jan 2023 & Occupied: Jan 2023, Total area 19.95 sqm & Design approved by PWD Savar,25/07/2023 , New construction)
4. Wastage Shed(Construction: Start Date : Oct 2015 to Sept 2016 & Occupied: Jan 2017,total area 16.50 sqm & Design approved by PWD Savar,25/07/2023)

Factory Address: Nalam, Mirzanagar, Asulia, Savar, Dhaka

Points of contact:

1. Name: Md. Jakir Hossain
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2. Name: Rashed Salauddin
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Findings & Recommendations :

Table 1- summarizes the fire safety non-compliant issues identified during the inspection. Recommendations have been provided to address each issue with specific remediation timeline.

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

Table-1: Finding & recommendations for all building.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire rated construction	Store room is not separated by fire rated construction due to unprotected opening & penetrations. Reportedly, store room are protected by fire rated materials which required adequate technical documents for further verification.	Enclose the storage area from the surrounding occupancy with a minimum 1 hour fire rated construction.	Within 3months



F-2	Fire rated construction	Generator & transformer are not separated due to unprotected opening & penetrations	Separate the generator & transformer from each other by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.	Within 3 months
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F-3	Mean of Egress	The exit discharge path (passageway) is not properly protected due to power cable in the discharge passageway. Location: Near generator & substation	Relocate the electrical power cables from the passageway or protect the passageway from power cable by 1 hour fire rated construction.	Within 2 month
				

F-4	Mean of Egress	Doors are swing out over the aisles or egress paths	Modify the egress doors and ensure unobstructed aisles or egress paths.	Within 1month
				
F-5	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 2 month

F-6	Fire Alarm & Detection System (FADS)	Addressable fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standard.	Submit design, documents and calculations to RSC for review prior and based on the review modify the system if there is any. After installation the owner shall contact the RSC for witness of conducting the final acceptance testing of the fire detection & alarm system installation. Also inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Design Review within 1 month and modification within 3 months (If require).
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F-7	Fire Protection System(ITM of Extinguisher)	Inspection, testing, and maintenance of the extinguisher system is not in accordance with NFPA 10 or as per RSC standard.	Inspect, test and maintain the extinguisher system, and keep written records on-site, in accordance with NFPA 10 or as per RSC standard.	Within 3 months
F-8	Fire alarm & Detection System (ITM of FADS)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per RSC standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 (Table-14.3.1) or as per RSC standard.	Within 1 Month after modification(If require).