

# INITIAL FIRE SAFETY INSPECTION REPORT

**Anupam Hosiery Industry (Pvt.) Ltd. (Steel Shed)**

**RSC ID: 24336**

**ADDRESS: Vulta, Rupgonj, Narayangonj**

**Other Factories: ANUPAM HOSIERY INDUSTRY (PVT.) LTD. 9561 ( In this premise)**



**Inspected By: Ahammad Kabir**

**Date: 13-February-2022**

## 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:Findings & Recommendations for Shed Building**

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The main structural elements of the buildings are constructed by steel which is non-rated and were found in exposed condition without any fire protection.  Location: Shed building	The buildings are new steel structure which shall be type-I or II construction. So, provide require rating in the structural elements of the buildings. Consult with a qualified fire protection engineer. Follow BNBC 2006-Table 3.2.4, 3.1.9 and 3.3.1 as reference.	Within 6 months



F-2	Fire Rated Construction	The exit discharge path (Passageway) is not fire-rated separated as the non-rated opening existing along the discharge path.	Provide minimum 2 hr. fire rated exit discharge path which will lead directly outside.	Within 3 months
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F-3	Means of Egress	<p>The exit discharge path (Egress Court) are obstructed by storage</p> <p>Location: North and east side of the shed building.</p>	<p>Means of egress shall be maintained continuously free and clear of all obstructions</p>	<p>Immediately</p>
<div style="display: flex; justify-content: space-around;">   </div>				
F-4	Egress lighting	<p>Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes .</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.</p>	<p>Within 3 months</p>

F-5	Egress lighting(ITM)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
F-6	Fire Alarm & Detection System (FADS)	<p>An addressable fire alarm &amp; detection system installation was ongoing during inspection. The Required Fire Alarm system is not installed in accordance with the ACCORD standard and NFPA-72.</p> <p>Location: Shed building</p>	<p>Design &amp; Installation of Fire Alarm system shall be in accordance with ACCORD standard and NFPA 72. Submit design, documents and calculations to RSC for review prior installation/modification.</p> <p>After installation the owner shall contact the RSC for witness of conducting the final acceptance testing of the fire detection &amp; alarm system installation.</p> <p>Also inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.</p>	Design within 2 months, Install within 4 months.



F-7	Fire Detection System ( ITM of FADS)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 1 Month after installation.
F-8	Fire Protection System(ITM of Extinguisher)	Inspection, testing, and maintenance of the extinguisher system is not in accordance with NFPA 10 or as per Accord standard	Inspect, test and maintain the extinguisher system, and keep written records on-site, in accordance with NFPA 10 or as per Accord standard.	Within 3 months