

INITIAL FIRE SAFETY INSPECTION REPORT

Entrust Fashions Ltd.(Extended Building)

RSC ID: 24038

46/1 NAYANAGAR MAIN ROAD CHAIRMANBARI MOR NAYANAGAR TURAG DHAKA-1230

Google co-ordinate: 23.886870, 90.374252

Other Factories: Entrust Fashions Ltd (In the premises)



Inspected By: Pantha Pallob Das & Md. Anisuzzaman

Date: 12-Jan-2021

Fire Safety Inspection Report

Entrust Fashions Ltd.(Extended Building)

Summary:

Entrust Fashions Ltd.(Extended Building). complex was surveyed for fire safety on 12/01/2021 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 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/approval.

Table-1: Shed-3 (2 Storied Steel Structure)

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	The exit stair -1 (East side) is not separated from Shed-3 and Shed -1 on each floor by fire rated construction. Location: East side exit stair -1	The exterior wall opening within 10 ft beyond the end of the exterior stair have to be sealed by minimum 1.0 hr 3rd party certified materials in accordance with Accord Standard 6.3.1.2 and 6.3.1.3.	Within 3 months
				

F-2	Fire Rated Construction	The exit discharge path (Passageway) is not fire-rated separated as the non-rated roof is continuous.	Provide minimum 1 hr. fire rated exit discharge path which will lead directly outside.	Within 3 months
				
F-3	Fire Rated Construction	The main structural element of the building is constructed by steel which is non-rated and were found in exposed condition without any fire protection.	Construction of new non-high-rise factories containing G and/or H2 occupancies (factories) shall be Type 1 or Type 2 construction as required in BNBC Part 3 Table 3.2.4. Provide/ensure required fire rating on the structural elements by following Section 4.4 and Table 4.4.1 of the Accord Standard or Table 3.3.1 and Table 4.1.1 from BNBC. Consult a qualified fire protection engineer to design the rated construction barriers in between two floors and in structural members.	Within 6 months

 				
F-4	Means of Egress	Egress gates with locking features are provided at ground floor shed-3.	Remove locking features from all egress gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediately
				

F-5	Egress	Electrical panel boards located inside of exit stair-1 east side.	Remove electrical panel boards from exit stairs.	Within 3 months
				
F-6	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 3months
F-7	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 3months

F-8	Fire Alarm & Detection System	The Required Fire Alarm system is not installed in accordance with the ACCORD standard and NFPA-72.	Submit design to RSC for review and modify installation if required. Installation of Fire Alarm system should be in accordance with ACCORD standard and NFPA 72.	Design within 2 months, Install within 4 months (If modification required)
				
F-9	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 3months

F-10	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
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