

FIRE SAFETY INSPECTION REPORT

Entrust Fashions Limited

ACCORD ID: 23537

46/1 Nayanagar Main Road, Chairmanbari Mor, Nayanagar, Turag, Dhaka-1230, Bangladesh.



ACCORD
on Fire and Building Safety in Bangladesh

Inspected By: Pantha Pallob Das

Date: 25 October , 2018

Fire Safety Inspection Report

Entrust Fashions Limited

Summary:

Entrust Fashions Limited complex was surveyed for fire safety on 25/10/2018 by The Accord 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 Accord. 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 Accord 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 Accord for approval.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction. Location: Shed-2.	Separate the dedicated storage rooms by minimum 1-hr fire-rated construction. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction.	Within 3 months




F-02	Fire Rated Construction	<p>Areas used for combustible storage open to the factory are not separated by fire rated construction.</p> <p>Location: Shed-01.</p>	<p>Separate the dedicated storage rooms by minimum 1-hr fire-rated construction. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) and maximum area of 23m² (250 ft²) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m² (305ft²). Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).</p>	Within 3 months
------	-------------------------	--	--	-----------------



F-03	Fire Rated Construction	Boiler room was not fire separated with shed-2 as there were unprotected openings (Windows) in shed within 10 ft distance.	Separate the boiler and compressor rooms by a minimum 1-hr fire-rated construction for non-high rise, and 2-hr fire rated construction for high rise. Seal and/or protect all openings to maintain the required fire separations. When located to the exterior of a building, 3m (10 ft.) separation is required. Provide proper ventilation and consult a qualified engineer.	Within 3 months.
------	-------------------------	--	--	------------------



F-04	Fire Rated Construction	Compressor room was not fire separated with adjacent production area in shed-1 as the installed door was not fire rated.	Separate the compressor rooms by a minimum 1-hr fire-rated construction with minimum 45 minutes rated fire door. When located to the exterior of a building, 3m (10 ft.) separation is required. Provide proper ventilation and consult a qualified engineer.	Within 3 months.
				
F-05	Egress Lighting	Exit sign not provided at every exit and other required location.	<p>Lighted exit signs shall be placed at entrance to an exit. Additional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious.</p> <p>Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.</p>	Within 1 month



F-06	Egress Lighting	Manual on-off switch is provided for emergency lighting / exit signage units.	Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off.	Within 1 month
F-07	Egress Lighting	Inspection, testing and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 1 month
F-08	Fire Detection and Alarm System	The fire alarm system is antiquated, not a listed system and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Design submission within 2 months and installation within 6 months.





F-09	Fire Detection and Alarm System (ITM).	Inspection, testing and maintenance (ITM) for the fire detection and alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection and alarm system and keep written records on-site, in accordance with NFPA 72.	Within 01 month (After complete installation)
F-10	Fire Protection System (ITM)	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.	Within 1 month



F-11	Human Element Program	The required no smoking signs are not present in the factory.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs.	Within 1 month
F-12	Human Element Program	Storage were observed under the cutting table.	Storage underneath the cutting tables shall be kept clear of combustibles at all time.	Within 1 month
