

FIRE SAFETY INSPECTION REPORT

Factory Name: Daeyu Fashions Ltd

ACCORD ID: 23436

ADDRESS: 731, Bhannara , Mouchak , Kaliakoir , Gazipur

Other Factories: None



**Inspected By: Md. Atick Al Zaman,
Date: 06 January, 2019.**

Fire Safety Inspection Report

Factory Name: Daeyu Fashions Ltd

Introduction:

ACCORD ID: 23436

Cute Dress Industry Limited was surveyed for fire safety on 06 January, 2019 by The Accord Inspection Team. This summary identifies the major deficiencies that were identified during the inspection.

The purpose of this 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 :

Factory Name: Daeyu Fashions Ltd

Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue.

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Table-1:

Sl No.	Category	Findings	Required Action	Remediation Time Frame



1	Fire Rated Construction	The exit stair enclosures are separated from work areas and other spaces on each floor by fire-rated construction. Fire Doors have been provided with proper hour rating. But doors are kept open and installation of magnetic hold open device to interface with Fire Alarm System have been done but the devices are not interfaced with any approved FACP. Moreover Exit stair enclosures have unprotected openings within 10 feet towards production floor at two stairs.	The exit stair enclosure shall be provided with a minimum 1-hr fire resistance rating for buildings with 3 or fewer stories and a minimum of 2-hr. fire resistance rating for buildings 4 or more stories. Provide 0.75 hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction for building with 3 or fewer stories. Provide 1.5 hr. fire rated door and seal all penetrations and openings by 2 hr. fire rated fire rated barrier construction for building with 4 or more stories. Provide a fire-resistive rated assembly between the exterior exit stairs and the building up to 10 ft. beyond the end of the stair to achieve the required separation. The rated assembly shall be approved and/or designed by a qualified fire protection engineer. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.	Within 3 months
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2	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction. Location: wastage go down shed at ground floor adjacent to the mail building	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
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3	Single Exit	A single means of exit has been provided. Location: Dinning building 1st floor.	Provide the additional exit stair at dinning area.	within 2 months
4	Still structure	Since the structure is steel-composite type and all the RCC panels are resting on the steel columns and girders. Hensch, each floor of the building is not separated by a fire resistive rated construction barriers.	Provide fire-resistive rated construction barriers between floors 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 Part 4. Consult a qualified fire protection engineer to design the rated construction barriers.	within 4 months
				



5	Emergency 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.	3 months
6	Fire Detection and Alarm System	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72.	Design within 3 months and installation within 9 months
 				



7	Fire Detection and Alarm System	Activation of the fire alarm system by a manual fire alarm station provides automatic occupant notification only on the floor of alarm and not throughout the building.	Configure the fire alarm system to initiate automatic occupant notification on all floor levels to facilitate whole-building evacuation upon any manual fire alarm station activation.	Design within 3 months and installation within 9 months
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8	Fire Detection System (ITM)	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 3 month (After completion of the installation)
9	Handrail	Handrails are not provided in the exit stair.	Provide handrails on at least one side/both side of exit stair having a minimum height 34 in.	Within 2 Months
10	Inspection, testing, and maintenance	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
11	Inspection, testing, and maintenance	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 ACCORD standards.	Within 3 Months



12	Stair designation	Building did not have stair designation signs and occupant load signs at required locations.	Provide stair designation signs and occupant load signs at required locations.	1 week
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