

FIRE SAFETY INSPECTION REPORT

Factory Name: Leaf Grade Casualwear Limited.

ACCORD ID: 12864

ADDRESS: Kewa (Madrasha Road), Sreepur

Other Factories: None



Inspected By: A.K.M. Monoarul Huda & Md Rafat Arefin

Date: 14th June, 2017

Fire Safety Inspection Report

Factory Name: Leaf Grade Casualwear Limited

Introduction:

Leaf Grade Casualwear Limited was surveyed for fire safety on 14/06/2017 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.

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 Accord 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): Leaf Grade Casualwear Limited

Factory Address: Kewa (Madrasha Road), Sreepur

Points of contact:

1. Name: Abdur Rajjak

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2. Name: Siddiqui Alam

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Findings & Recommendations :

The following "Table" 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.

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	The West exit of production building and east exit of store shed is not separated from each other. Note-The spatial distance between the two exit is 5 ft. and 8 inch.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months




SI No.	Category	Findings	Required Action	Remediation Time Frame
2	Fire Rated Construction	<p>Utility shed is not separated from production shed with proper fire rated separation.</p> <p>Note- Unsealed opening is located on the north side of the production shed that directly goes into Utility shed.</p>	Provide minimum 2-hr fire rated construction to separate Utility shed from Production shed.	Within 3 months
				



SI No.	Category	Findings	Required Action	Remediation Time Frame
3	Fire Rated Construction	Boiler, Generator, Compressor and transformers are not separated from each other with fire rated construction. Location: Utility Shed	Provide minimum 2-hr fire rated construction between each component and Separate Utility shed from Production shed with minimum 2-hr rated fire construction.	Within 3 months
				



SI No.	Category	Findings	Required Action	Remediation Time Frame
4	Fire Rated Construction	The factory is using/storing liquified gas cylinders without proper separations. Location: Utility shed	Remove them from the factory premises. or Provide 2-hr rated room for using/storing liquefied gas cylinders and ensure proper ventilation of that room. Source of fire such as electrical connection shall be prohibited.	Within 3 months
				



SI No.	Category	Findings	Required Action	Remediation Time Frame
5	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: South-East corner of the production shed.	Provide defined storage areas and limit the storage arrangement as follows:- Maximum height of 2.4m and maximum area of 23m ² . Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. or Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
6	Egress	Sliding/Rolling type doors have provided along means of egress. Location: Observed through out the production shed, Store shed.	Replace all collapsible/sliding/shutter type doors & gates by the side-hinged swinging type doors.	Within 1 month



SI No.	Category	Findings	Required Action	Remediation Time Frame
7	Egress	Doors along means of egress are provided with non compliant locking system. Location: Observed through out the production shed and store shed.	<ol style="list-style-type: none"> 1. Remove all non compliant locking features from egress doors. 2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. 3. Doors may be locked where the latch and lock are disengaged with one motion where the occupant load does not exceed 49 persons. 4. Doors may be provided with locking hardware from the ingress side provided that a panic bar is installed on any door with an occupant load exceeding 49 persons. 	Immediate



SI No.	Category	Findings	Required Action	Remediation Time Frame
8	Fire Protection	The existing fire alarm system is not a listed system and does not provide automatic 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.	Within 9 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
9	Fire Protection	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 months
10	Fire Protection	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.	Within 9 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
11	Fire Protection	Inspection, testing, and maintenance for the fire extinguishers is not in accordance with NFPA 10 or as per Accord standard.	Inspect, test and maintain the fire extinguishers, and keep written records on-site, in accordance with NFPA 10 or as per Accord standard.	Within 3 months
12	Fire Protection	"No Smoking" signs were not present inside the Factory premises.	Provide "No Smoking" signs where necessary.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
13	Egress Lighting	Manual on-off switch is provided for [emergency lighting / exit signage] units. Location: Battery Back-up emergency light.	Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
14	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: Throughout the production shed	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 3 months
15	Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed. Location: Production shed	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 3 months



SI No.	Category	Findings	Required Action	Remediation Time Frame
16	Egress Lighting	Exit signage not illuminated during testing period (burned out, broken, etc.).	Regularly inspect all exit signage as per Accord standard and replace/install lights as needed to illuminate signs.	Within 3 months

