

FIRE SAFETY INSPECTION REPORT

Moonlux Knit Garments Ltd. (NEW)

ACCORD ID: 23465

B/11, MS Tower-3, Siddhirgonj Pool, Siddhirgonj, Adamji, Narayangonj

23.689641, 90.514673

Other Factories: Safa Knitwear Ltd. (ID-12497)



Inspected by: Md. Rakibul Alam & Md. Hasibur Rahman Abir

Date: 17 September 2018



Summary

Moonlux Knit Garments Ltd. (NEW) complex was surveyed for fire safety on 17 September 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.

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.

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. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Exit stairs separated from all other spaces on each floor by fire-rated construction and installed fire doors were not interfaced with Fire Alarm system.	Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	Within 1 month



F-2	Egress	Sliding gate on the ground floor with locking features are provided at west exit door. Also collapsible door installation provision is available at ground floor.	Remove locking features from all egress gates. Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with ACCORD standard 6.8.2.	Immediately
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F-3	Fire Rated Construction	Unsealed electrical shaft is located in the fire-rated floor/ceiling assemblies.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level and seal all penetrations in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-4	Fire Rated Construction	Areas on the ground and 2nd floor used for combustible storage open to the factory are not properly separated and/or not within limits.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, Provide defined storage areas and limit the storage arrangement as follows: Maximum height of 2.45m (8 ft) and maximum area of 23 m² (250 ft²). Separate the areas of unenclosed combustible storage by a minimum clear distance of 3 m (10 ft).	Within 3 months
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F-5	Egress	Storage was located in the exit stairs and egress paths.	Remove all storage from exit stairs and egress paths.	Immediately
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F-6	Fire Protection	Fire alarm & detection system installation requires on-site testing and commissioning verification to confirm compliance with NFPA 72 and ACCORD standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to ACCORD for review and final testing & commissioning.	Within 3 months
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F-7	Fire Protection	Inspection, testing and maintenance of the automatic fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the automatic fire alarm system and keep written records on-site, in accordance with NFPA 72 (after completion).	Within 1 month
F-8	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 supply adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and along exit discharge paths and a minimum 2.5 lux along exit access aisles.	Within 1 month





F-9	Egress	Building did not have stair designation sign and proper occupant load signs at required locations.	Provide appropriate occupant load sign and stair designation signs at required locations.	Within 1 month
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